REVISED

CONSTRUCTION COMMITTEE MEETING AGENDA

DATE: **Tuesday, December 19, 2023**
TIME: **9:00 a.m.**
PLACE: **Carl T. Langford Board Room / Orlando International Airport/ One Jeff Fuqua Blvd. / Orlando, FL 32827**

[ITEMS IN BOLD REQUIRE APPROVAL BY THE AVIATION AUTHORITY BOARD]

I. CALL TO ORDER/ ROLL CALL/ ANNOUNCEMENTS

II. CONSIDERATION OF MINUTES

A. REQUEST FOR APPROVAL OF THE CONSTRUCTION COMMITTEE MINUTES FROM THE MEETING HELD ON OCTOBER 31, 2023.

B. REQUEST FOR APPROVAL OF THE CONSTRUCTION COMMITTEE MINUTES FROM THE MEETING HELD ON NOVEMBER 7, 2023.

III. CHANGE ORDERS (REFERENCE CHANGE ORDER AGENDA PAGE)

IV. NEW BUSINESS

GENERAL

A. REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING HORIZONTAL CONSTRUCTION SERVICES AGREEMENT WITH HORMAC CONSTRUCTION GROUP, INC. FOR **H-00367** QTA FENCE RELOCATION TERMINALS A & B, AT THE ORLANDO INTERNATIONAL AIRPORT.

B. REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING VERTICAL CONSTRUCTION SERVICES AGREEMENT WITH H.A. CONTRACTING CORP. **V-00976** SMART RESTROOM PILOT PROJECT AT THE ORLANDO INTERNATIONAL AIRPORT.

C. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING MEP ENGINEERING SERVICES AGREEMENT WITH C&S ENGINEERS, INC. FOR CONSTRUCTION ADMINISTRATION SERVICES FOR **V-00976** SMART RESTROOM PILOT PROJECT, AT THE ORLANDO INTERNATIONAL AIRPORT.

D. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH AECOM TECHNICAL SERVICES, INC. TO PROVIDE SUPPORT SERVICES FOR **W-00497** NORTH TERMINAL REFRESH PROGRAM OVERSIGHT, AT THE ORLANDO INTERNATIONAL AIRPORT.

E. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CIVIL ENGINEERING SERVICES AGREEMENT WITH C&S ENGINEERS, INC. FOR DESIGN SERVICES FOR **W-S00151** TERMINAL C DESIGN AND PROJECT OVERSIGHT SERVICES FOR THE BHS HEADACHE BAR DESIGN, AT ORLANDO INTERNATIONAL AIRPORT.

F. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH AECOM TECHNICAL SERVICES, INC. TO PROVIDE SUPPORT SERVICES FOR **W-S00211** TERMINAL C, PHASE 2, PROGRAM DEFINITION DOCUMENT DEVELOPMENT, AT THE ORLANDO INTERNATIONAL AIRPORT.

G. REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 7 TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH THE RODERICK GROUP, INC. DBA ARDMORE RODERICK FOR A NO COST REALLOCATION, ADJUSTMENT OF LABOR RATES AND DECREASE IN OAR STAFFING HOURS ESTIMATE FOR THE **BP-00049** TAXIWAY A, B AND E4 REHABILITATION PROJECT, AT ORLANDO EXECUTIVE AIRPORT.

H. REQUEST FOR THE APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES WITH COST MANAGEMENT INC. DBA CMI TO PROVIDE CONSTRUCTION PHASE OAR SERVICES FOR **H-00361** JFB (LOOP ROAD) TERMINAL B ENTRANCE RECONFIGURATION, AT THE ORLANDO INTERNATIONAL AIRPORT.

I. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH THE RODERICK GROUP, INC., DBA ARDMORE RODERICK FOR CONSTRUCTION PHASE OWNER'S AUTHORIZED REPRESENTATIVE SERVICES FOR **H-00367** QTA FENCE RELOCATION TERMINALS A & B, AT THE ORLANDO INTERNATIONAL AIRPORT.

J. REQUEST FOR THE APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES WITH COST MANAGEMENT INC. DBA CMI TO PROVIDE CONSTRUCTION PHASE OAR SERVICES FOR **V-00976** SMART RESTROOM PILOT PROJECT, AT ORLANDO INTERNATIONAL AIRPORT.

K. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH AECOM TECHNICAL SERVICES, INC. TO PROVIDE OAR SERVICES FOR **W-S00151** TERMINAL C DESIGN AND PROJECT OVERSIGHT SERVICES, AT THE ORLANDO INTERNATIONAL AIRPORT.

L. REQUEST FOR APPROVAL TO AUTHORIZE FINAL PAYMENT TO JSM & ASSOCIATES, INC. FOR BP-S00188, TERMINAL C, PHASE 1- PBB AND AFFILIATED EQUIPMENT INSTALLATION.

V. INFORMATION ITEMS

A. Field Change Order (FCO) Log

B. Revised Memoradum for the Approval of an Addendum to the Continuing Architectural Services Agreement with MLM-Martin Architects, Inc. to provide a Feasibility Study for possible upgrades to the Board Room, Board Room Lobby and Earhart Conference Room located in the North Landside Terminal for W-00495 Board Room Lobby and Related Work at Orlando International Airport [From the Construction Committee on October 31, 2023, Item No. IV-A].

For individuals who conduct lobbying activities with Aviation Authority employees or Board members, registration with the Aviation Authority is required each year prior to conducting any lobbying activities. Lobbying any Aviation Authority Staff who are members of any committee responsible for ranking Proposals, Letters of Interest, Statements of Qualifications or Bids and thereafter forwarding those recommendations to the Board and/or Board Members is prohibited from the time that a Request for Proposals, Request for Letters of Interests, Request for Qualifications or Request for Bids is released to the time that the Board makes an award. In the event a lobbyist meets with or otherwise communicates with Staff or a Board member, including the Mayor of the City of Orlando or the Mayor of Orange County, the lobbyist shall file a Notice of Lobbying (Form 4) detailing each instance of lobbying to the Aviation Authority within 7 calendar days of such lobbying. Lobbyists will also provide a notice to the Aviation Authority when meeting with the Mayor of the City or Mayor of Orange County at their offices. The policy, forms, and instructions are available on the Aviation Authority's web site (www.orlandoairports.net). Please contact the Chief Administrative Officer, Ms. Yovannie Rodriguez, with questions at (407) 825-7105.

Any appeals of decisions made by the Construction Committee must be filed with the Chief Executive Officer within five business days, no later than 4:00 p.m. on December 28, 2023. If a bidder or proposer is aggrieved by any of the proceedings of today's meeting and wishes to appeal the results of actions made by this committee, they must file an appeal stating the item they wish to appeal and the basis for which they wish to appeal, and it must be received in writing by the Chief Executive Officer, Mr. Kevin J. Thibault, via email at kevin.thibault@goaa.org, with a copy to yovannie.rodriguez@goaa.org.

Any member of the public who wishes to address the committee on an agenda item being considered at this meeting must notify the committee in writing by submitting a completed Appearance Request Form. This form may be requested from and submitted to the Recording Secretary via email at CCM@goaa.org, or in person on the date of the meeting. Each speaker will be allowed up to three minutes, and speakers will be limited to no more than five speakers per group or joint effort; excluding businesses and other such entities, which will be limited to one speaker to represent the entity, as a whole.

The next Construction Committee Meeting is scheduled for Tuesday, January 2, 2024, at 9:00 a.m.

CONSTRUCTION COMMITTEE MEETING AGENDA

DATE: Tuesday, December 19, 2023
TIME: 9:00 a.m.
PLACE: Carl T. Langford Board Room / Orlando International Airport/ One Jeff Fuqua Blvd. / Orlando, FL 32827

[ITEMS IN BOLD REQUIRE APPROVAL BY THE AVIATION AUTHORITY BOARD]

I. CALL TO ORDER/ ROLL CALL/ ANNOUNCEMENTS

II. CONSIDERATION OF MINUTES

A. REQUEST FOR APPROVAL OF THE CONSTRUCTION COMMITTEE MINUTES FROM THE MEETING HELD ON OCTOBER 31, 2023.

B. REQUEST FOR APPROVAL OF THE CONSTRUCTION COMMITTEE MINUTES FROM THE MEETING HELD ON NOVEMBER 7, 2023.

III. CHANGE ORDERS (REFERENCE CHANGE ORDER AGENDA PAGE)

IV. NEW BUSINESS

GENERAL

A. REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING HORIZONTAL CONSTRUCTION SERVICES AGREEMENT WITH HORMAC CONSTRUCTION GROUP, INC. FOR **H-00367** QTA FENCE RELOCATION TERMINALS A & B, AT THE ORLANDO INTERNATIONAL AIRPORT.

B. REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING VERTICAL CONSTRUCTION SERVICES AGREEMENT WITH H.A. CONTRACTING CORP. **V-00976** SMART RESTROOM PILOT PROJECT AT THE ORLANDO INTERNATIONAL AIRPORT.

C. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING MEP ENGINEERING SERVICES AGREEMENT WITH C&S ENGINEERS, INC. FOR CONSTRUCTION ADMINISTRATION SERVICES FOR **V-00976** SMART RESTROOM PILOT PROJECT, AT THE ORLANDO INTERNATIONAL AIRPORT.

D. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH AECOM TECHNICAL SERVICES, INC. FOR **W-00497** NORTH TERMINAL REFRESH PROGRAM OVERSIGHT, AT THE ORLANDO INTERNATIONAL AIRPORT.

E. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CIVIL ENGINEERING SERVICES AGREEMENT WITH C&S ENGINEERS, INC. FOR **W-S00151** TERMINAL C DESIGN AND PROJECT OVERSIGHT SERVICES FOR THE BHS HEADACHE BAR DESIGN, AT ORLANDO INTERNATIONAL AIRPORT.

F. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH AECOM TECHNICAL SERVICES, INC. FOR **W-S00211** TERMINAL C, PHASE 2, PROGRAM DEFINITION DOCUMENT DEVELOPMENT, AT THE ORLANDO INTERNATIONAL AIRPORT.

G. REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 7 TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH THE RODERICK GROUP, INC. DBA ARDMORE RODERICK FOR A NO COST REALLOCATION, ADJUSTMENT OF LABOR RATES AND DECREASE IN OAR STAFFING HOURS ESTIMATE FOR THE **BP-00049** TAXIWAY A, B AND E4 REHABILITATION PROJECT, AT ORLANDO EXECUTIVE AIRPORT.

H. REQUEST FOR THE APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES WITH COST MANAGEMENT INC. DBA CMI TO PROVIDE CONSTRUCTION PHASE OAR SERVICES FOR **H-00361** JFB (LOOP ROAD) TERMINAL B ENTRANCE RECONFIGURATION, AT THE ORLANDO INTERNATIONAL AIRPORT.

I. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH THE RODERICK GROUP, INC., DBA ARDMORE RODERICK FOR CONSTRUCTION PHASE OWNER'S AUTHORIZED REPRESENTATIVE SERVICES FOR **H-00367** QTA FENCE RELOCATION TERMINALS A & B, AT THE ORLANDO INTERNATIONAL AIRPORT.

J. REQUEST FOR THE APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES WITH COST MANAGEMENT INC. DBA CMI TO PROVIDE CONSTRUCTION PHASE OAR SERVICES FOR **V-00976** SMART RESTROOM PILOT PROJECT, AT ORLANDO INTERNATIONAL AIRPORT.

K. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH AECOM TECHNICAL SERVICES, INC. TO PROVIDE ADDITIONAL OAR SERVICES FOR **W-S00151** TERMINAL C DESIGN AND PROJECT OVERSIGHT SERVICES, AT THE ORLANDO INTERNATIONAL AIRPORT.

L. REQUEST FOR APPROVAL TO AUTHORIZE FINAL PAYMENT TO JSM & ASSOCIATES, INC. FOR BP-S00188, TERMINAL C, PHASE 1- PBB AND AFFILIATED EQUIPMENT INSTALLATION.

V. INFORMATION ITEMS

A. Field Change Order (FCO) Log

B. Revised Memoradum for the Approval of an Addendum to the Continuing Architectural Services Agreement with MLM-Martin Architects, Inc. to provide a Feasibility Study for possible upgrades to the Board Room, Board Room Lobby and Earhart Conference Room located in the North Landside Terminal for W-00495 Board Room Lobby and Related Work at Orlando International Airport [From the Construction Committee on October 31, 2023, Item No. IV-A].

For individuals who conduct lobbying activities with Aviation Authority employees or Board members, registration with the Aviation Authority is required each year prior to conducting any lobbying activities. Lobbying any Aviation Authority Staff who are members of any committee responsible for ranking Proposals, Letters of Interest, Statements of Qualifications or Bids and thereafter forwarding those recommendations to the Board and/or Board Members is prohibited from the time that a Request for Proposals, Request for Letters of Interests, Request for Qualifications or Request for Bids is released to the time that the Board makes an award. In the event a lobbyist meets with or otherwise communicates with Staff or a Board member, including the Mayor of the City of Orlando or the Mayor of Orange County, the lobbyist shall file a Notice of Lobbying (Form 4) detailing each instance of lobbying to the Aviation Authority within 7 calendar days of such lobbying. Lobbyists will also provide a notice to the Aviation Authority when meeting with the Mayor of the City or Mayor of Orange County at their offices. The policy, forms, and instructions are available on the Aviation Authority's web site (www.orlandoairports.net). Please contact the Chief Administrative Officer, Ms. Yovannie Rodriguez, with questions at (407) 825-7105.

Any appeals of decisions made by the Construction Committee must be filed with the Chief Executive Officer within five business days, no later than 4:00 p.m. on December 28, 2023. If a bidder or proposer is aggrieved by any of the proceedings of today's meeting and wishes to appeal the results of actions made by this committee, they must file an appeal stating the item they wish to appeal and the basis for which they wish to appeal, and it must be received in writing by the Chief Executive Officer, Mr. Kevin J. Thibault, via email at kevin.thibault@goaa.org, with a copy to yovannie.rodriguez@goaa.org.

Any member of the public who wishes to address the committee on an agenda item being considered at this meeting must notify the committee in writing by submitting a completed Appearance Request Form. This form may be requested from and submitted to the Recording Secretary via email at CCM@goaa.org, or in person on the date of the meeting. Each speaker will be allowed up to three minutes, and speakers will be limited to no more than five speakers per group or joint effort; excluding businesses and other such entities, which will be limited to one speaker to represent the entity, as a whole.

The next Construction Committee Meeting is scheduled for Tuesday, January 2, 2024, at 9:00 a.m.

On **TUESDAY, OCTOBER 31, 2023**, the **CONSTRUCTION COMMITTEE** of the Greater Orlando Aviation Authority met at the Orlando International Airport in Carl T. Langford Board Room, One Jeff Fuqua Blvd., Orlando, FL 32827. Chair Marble called the meeting to order at 9:26 a.m. Chair Marble read the Lobbyist Disclosure and the Appeals Statement. The meeting was posted in accordance with Florida Statutes and a quorum was present. All Construction Committee members confirmed no violations regarding the Aviation Authority's Code of Ethics and Business Conduct; lobbying activities policy; or the Florida Sunshine law with regards to any agenda item.

Committee members present:

Max Marble, Chair
Marie Dennis, Deputy Chief Financial Officer, Finance
Gary Hunt, Vice President, Facilities
Pete Pelletier, Vice President, Information Technology
Tricia Cottman, Vice President, Risk Management

Also participating:

Karen Ryan, Legal Counsel (Nelson Mullins Broad & Cassel)
Kathleen Sharman, Chief Financial Officer
Robert Furr, GOAA Engineering and Architecture
Arlene Grant, GOAA Engineering and Construction
Jamie McGonagill, Geotech Consultants International, Inc. dba GCI, Inc.
Fransheska Archbold-Brown, Recording Secretary

ANNOUNCEMENTS

A. Ms. Sharman informed the Construction Committee of a Request for Approval of Negotiated Terms and Rates for 2023 Rolling Master Builders Risk insurance program, which will be presented at next week's meeting.

B. Chair Marble announced that next week's meeting will be held at the Annex Building.

CONSIDERATION OF MEETING MINUTES

A. Upon motion of Ms. Dennis, second by Ms. Cottman, vote carried to approve the Construction Committee Minutes from the meetings held on September 26, 2023, and October 3, 2023, as presented.

CHANGE ORDERS

A. **CHANGE ORDER BP-S00182-29 FOR ALLOWANCE REDUCTION.** Mr. McGonagill presented the request for Change Order No. 29 on BP-S00182, STC Buildout of Airline Spaces, LST L1, L2, L6 and ASC L1 and L2, with Clancy & Theys Construction Company. Discussion ensued.

Upon motion of Mr. Hunt, second by Ms. Dennis, vote carried to approve Change Order BP-S00182-29, STC Buildout of Airline Spaces, LST L1, L2, L6 and ASC L1 and L2, with Clancy & Theys Construction Company, for the total deductive amount of ($250,000.00), and no time extension, with funding from previously approved General Airport Revenue Bonds.

B. **CHANGE ORDER BP-S00199-06 FOR VARIOUS REVISIONS.** Mr. McGonagill presented the request for Change Order No. 06 on BP-S00199, Train Station PDL Parking Lots, with The Middlesex Corporation. Discussion ensued.

Upon motion of Ms. Cottman, second by Ms. Dennis, vote carried to approve Change Order BP-S00199-06, Train Station PDL Parking Lots, with The Middlesex Corporation, for the total amount of $123,751.00, and no time extension, with funding from Aviation Authority Funds.

NEW BUSINESS

A. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE PROFESSIONAL SERVICES AGREEMENT WITH MLM-MARTIN ARCHITECTS, INC. FOR W-00495 TO FORMULATE A FEASIBILITY STUDY FOR POSSIBLE UPGRADES TO THE BOARD ROOM, BOARD ROOM LOBBY AND EARHART CONFERENCE ROOM LOCATED IN THE NORTH LANDSIDE TERMINAL, AT THE ORLANDO INTERNATIONAL AIRPORT.** Mr. Furr presented the memorandum, dated October 31, 2023. Discussion ensued.

Upon motion of Mr. Pelletier, second by Mr. Hunt, vote carried to approve an Addendum to the Continuing Architectural Services Agreement with MLM-Martin Architects, Inc. to provide a Feasibility Study for possible upgrades to the Carl T. Langford Board Room, Board Room Lobby and Earhart Conference Room located in the North Landside Terminal for W-00495 Board Room Lobby and Related Work, for the total not-to-exceed fees amount of $123,890.00, with funding from previously approved Capital Expenditure Funds.

B. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING ARCHITECTURAL SERVICES AGREEMENT WITH MLM-MARTIN ARCHITECTS, INC. FOR W-00496 NORTH TERMINAL REFRESH AIRSIDE 1 AND AIRSIDE 3 TERMINAL BUILDINGS, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. Furr presented the memorandum, dated October 31, 2023. Discussion ensued.

Upon motion of Ms. Cottman, second by Ms. Dennis, vote carried to approve an Addendum to the Continuing Architectural Services Agreement with MLM-Martin Architects, Inc. for W-00495 North Terminal Refresh Airside 1 and Airside 3 Terminal Buildings, for the total not-to-exceed fees amount of $247,242.00, with funding from a Line of Credit to be reimbursed by General Airport Revenue Bonds.

C. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH COST MANAGEMENT, INC. DBA CMI FOR PREPARATION OF A ROUGH ORDER OF MAGNITUDE (ROM) BUDGET ESTIMATE FOR BP-00485 HYATT LOBBY RENOVATION (DESIGN/BUILD), AT THE ORLANDO INTERNATIONAL AIRPORT.**
Ms. Grant presented the memorandum, dated October 31, 2023. Discussion ensued.

Upon motion of Ms. Dennis, second by Mr. Pelletier, vote carried to approve an Addendum to the Continuing Program and Project Management Services with Cost Management, Inc., dba CMI, for preparation of a Rough Order of Magnitude (ROM) Budget Estimate for BP-485 Hyatt Lobby Renovation, for the total lump sum fees amount of $28,521.00, with funding from Hyatt GL #501191.

INFORMATION ITEMS
The following items were presented for information only:

A. Field Change Order (FCO) Log

B. Revised Memorandum for the Approval of an Addendum to the Continuing Program and Project Management Services Agreement with Geotech Consultants International, Inc. dba GCI Inc. to Provide Construction Phase OAR Services for W- 00490, MCO Changing Regulatory Requirements Program Oversight Services, at the Orlando International Airport. [From the Construction Committee on October 10, 2023, Item No. IV-L].

ADJOURNMENT
No public comments were made during the meeting. There being no further business for discussion, the meeting was adjourned at 9:40 a.m.

_____
Max E. Marble, Chair
Construction Committee
Senior Vice President, Capital Programs

On **TUESDAY, NOVEMBER 7, 2023**, the **CONSTRUCTION COMMITTEE** of the Greater Orlando Aviation Authority met at the Orlando International Airport in GOAA Annex Building, 1st Floor Conference Room Gemini/Taurus, 5855 Cargo Road, Orlando, FL 32827. Chair Marble called the meeting to order at 9:00 a.m. Chair Marble read the Lobbyist Disclosure and the Appeals Statement. The meeting was posted in accordance with Florida Statutes and a quorum was present. All Construction Committee members confirmed no violations regarding the Aviation Authority's Code of Ethics and Business Conduct; lobbying activities policy; or the Florida Sunshine law with regards to any agenda item.

Committee members present:

Max Marble, Chair
Gary Hunt, Vice President, Facilities
Pete Pelletier, Vice President, Information Technology
Tricia Cottman, Vice President, Risk Management

Also participating:

Dan Gerber, Legal Counsel (Rumberger, Kirk, & Caldwell)
Karen Ryan, Legal Counsel (Nelson Mullins Broad & Cassel)
Marie Dennis, GOAA Deputy Chief Financial Officer, Finance
Brad Friel, GOAA Senior Vice President, Multi-Modal Planning and Environmental
Scott Shedek, GOAA Vice President, Construction
Debbie McKeown, GOAA Project Controls
Dan Carrington, GOAA Environmental Compliance
Don Corthell, PSA Constructors, Inc. dba PSA Management, Inc.
Jamie McGonagill, Geotech Consultants International, Inc. dba GCI, Inc.
Ross Spence, AECOM Technical Services, Inc.
Fransheska Archbold-Brown, Recording Secretary

CONSIDERATION OF MEETING MINUTES

A. Upon motion of Ms. Cottman, second by Mr. Hunt, vote carried to approve the Construction Committee Minutes from the meeting held on October 10, 2023, as presented.

CHANGE ORDERS

A. **CHANGE ORDER BP-S00193-09 FOR VARIOUS REVISIONS.** *[A handout was presented, which includes a revised memorandum.]* Mr. McGonagill presented the request for Change Order No. 09 on BP-S00193, South Employee Lot, with McCree Design Builders, Inc. Discussion ensued.

Upon motion of Mr. Pelletier, second by Mr. Hunt, vote carried to approve Change Order BP-S00193-09, South Employee Lot, with McCree Design Builders, Inc., for the total amount of $36,381.87, and no time extension, with funding from previously approved General Airport Revenue Bonds.

B. **CHANGE ORDER BP-S00199-07 FOR VARIOUS REVISIONS.** Mr. McGonagill presented the request for Change Order No. 07 on BP-S00199, Train Station PDL Parking Lots, with The Middlesex Corporation. Discussion ensued.

Upon motion of Ms. Cottman, second by Mr. Hunt, vote carried to approve Change Order BP-S00199-07, Train Station PDL Parking Lots, with The Middlesex Corporation, for the total amount of $16,213.00, and no time extension, with funding from Aviation Authority Funds.

C. **CHANGE ORDER E-S00016-01 FOR VARIOUS REVISIONS.** Mr. Corthell presented the request for Change Order No. 01 on E-S00016, STC Miscellaneous Electrical Construction, with Electric Services, Inc. Discussion ensued.

Upon motion of Mr. Pelletier, second by Ms. Cottman, vote carried to approve Change Order E-S00016-01, STC Miscellaneous Electrical Construction, with Electric Services, Inc., for the total amount of $9,359.68, and no time extension, with funding from previously approved General Airport Revenue Bonds.

D. **CHANGE ORDER H-00359-03 FOR FINAL CHANGE ORDER.** Mr. Corthell presented the request for Change Order No. 03 on H-00359, Pond Dredging Program, with Carr & Collier, Inc. Discussion ensued.

Upon motion of Mr. Hunt, second by Mr. Pelletier, vote carried to approve Change Order H-00359-03, Pond Dredging Program, with Carr & Collier, Inc., for the total deductive amount of ($72,000.00), and no time extension, with funding from previously-approved Operations and Maintenance Funds and previously-approved Capital Expenditure Funds.

NEW BUSINESS

A. **REQUEST FOR RECOMMENDATION OF APPROVAL OF NEGOTIATED TERMS AND RATES FOR 2023 ROLLING MASTER BUILDERS RISK INSURANCE.**
Ms. Cottman presented the memorandum, dated November 7, 2023. Discussion ensued.

Upon motion of Mr. Hunt, second by Mr. Pelletier, vote carried to recommend to the Aviation Authority Board approval and ratification of the 2023 Terms and Rates for the Second Iteration of the Rolling Master Builders Risk Insurance.

B. **REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING VERTICAL CONSTRUCTION SERVICES AGREEMENT WITH COLLAGE DESIGN AND CONSTRUCTION GROUP, INC. DBA THE COLLAGE COMPANIES FOR V-S00044 TERMINAL C TENANT BUILDOUT (COMPLETION OF BP-S187), AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. McGonagill presented the memorandum, dated November 7, 2023. Discussion ensued.

Upon motion of Mr. Hunt, second by Ms. Cottman, vote carried to approve a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with Collage Design and Construction Group, Inc. dba The Collage Companies for V-S00044 Terminal C Tenant Buildout (Completion of BP-S187), for the total allowance fees amount of $199,000.00, with funding from previously approved General Airport Revenue Bonds.

C. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING ENVIRONMENTAL ENGINEERING SERVICES AGREEMENT WITH AECOM TECHNICAL SERVICES, INC. FOR W-00072 IMPLEMENTATION OF TWO SEMI-ANNUAL POST– ACTIVE REMEDIATION MONITORING (PARM) AT THE FORMER DAYRON FACILITY, AT THE ORLANDO EXECUTIVE AIRPORT.**
Mr. Carrington presented the memorandum, dated November 7, 2023. Discussion ensued.

Upon motion of Mr. Hunt, second by Ms. Cottman, vote carried to approve an Addendum to the Continuing Environmental Engineering Services Agreement with AECOM Technical Services, Inc. for W-00072 Implementation of two Semi-Annual Post–Active Remediation Monitoring (PARM) at the Former Dayron Facility, for the total amount of $62,362.75, which includes the not-to-exceed fees of $47,498.00 and the not-to-exceed expenses fee of $14,864.75, with funding from OEA DFO Dayron.

D. **REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 6 TO THE CONTINUING ENVIRONMENTAL CONSULTING SERVICES AGREEMENT WITH VANASSE HANGEN BRUSTLIN, INC. FOR W-00468 MUD LAKE CONSERVATION EASEMENT RELEASE PERMITTING ASSISTANCE, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. Carrington presented the memorandum, dated November 7, 2023. Discussion ensued.

Upon motion of Mr. Pelletier, second by Mr. Hunt, vote carried to approve an Amendment to Addendum No. 6 to the Continuing Environmental Consulting Services Agreement with Vanasse Hangen Brustlin, Inc. for W-00468 Mud Lake Conservation Easement Release Permitting Assistance, for the total amount of $40,000.00, which includes the not-to-exceed fees of $39,733.00 and the not-to-exceed expenses fee of $267.00, with funding from previously approved Discretionary Fund.

E. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING ARCHITECTURAL SERVICES AGREEMENT WITH BERMELLO AJAMIL & PARTNERS, INC. FOR A FEASIBILITY STUDY FOR W-00496 NORTH TERMINAL REFRESH - AIRSIDES 1 AND 3 INTERIOR REFRESH AND RELATED WORK, AT THE ORLANDO INTERNATIONAL AIRPORT.** *[A handout was presented, which includes a revised Memorandum]*
Mr. Spence presented the memorandum, dated November 7, 2023. Discussion ensued.

Upon motion of Mr. Pelletier, second by Ms. Cottman, vote carried to approve an Addendum to the Continuing Architectural Services Agreement with Bermello Ajamil & Partners, Inc. for a Feasibility Study for W-00496 Airsides 1 and 3 Interior Refresh and Relate work, for the total amount of $247,446.00, which includes the not-

to-exceed fees of $237,446.00 and the not-to-exceed expenses fee of $10,000.00, with funding from Line of Credit to be reimbursed by General Airport Revenue Bonds.

F. **REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 18 TO THE GENERAL CONSULTING SERVICES AGREEMENT WITH RICONDO & ASSOCIATES, INC. FOR THE INITIAL IMPLEMENTATION PHASE OF THE 2023 STRATEGIC PLAN.**
Mr. Friel presented the memorandum, dated November 7, 2023. Discussion ensued.

Upon motion of Ms. Cottman, second by Mr. Hunt, vote carried to approve an Amendment to Addendum No. 18 to the General Consulting Services Agreement with Ricondo & Associates, Inc. for the Initial Implementation Phase of the 2023 Strategic Plan., for the total not-to-exceed fees amount of $91,852.00, with funding from previously approved Capital Expenditure Fund.

G. **REQUEST FOR APPROVAL OF CONTRACTOR FINAL PAYMENT AUTHORIZATION WITH TURNER-KIEWIT JOINT VENTURE FOR VARIOUS SOUTH TERMINAL C GUARANTEED MAXIMUM PRICE (GMP) CONSTRUCTION CONTRACTS.** *[A handout was presented, which includes a revised Memorandum]* Mr. Spence presented the memorandum, dated November 7, 2023. Discussion ensued.

Upon motion of Mr. Hunt, second by Mr. Pelletier, vote carried to approve the Contractor Final Payment Authorization with Turner-Kiewit Joint Venture for various South Terminal C GMP Construction Contracts.

H. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH GEOTECH CONSULTANTS INTERNATIONAL, INC. DBA GCI INC. TO PROVIDE CONSTRUCTION PHASE OAR SERVICES FOR V-S00044 TERMINAL C TENANT BUILDOUT (COMPLETION OF BPS187), AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. Shedek presented the memorandum, dated November 7, 2023. Discussion ensued.

Upon motion of Mr. Pelletier, second by Ms. Cottman, vote carried to approve an Addendum to the Continuing Program and Project Management Services Agreement with Geotech Consultants International, Inc. dba GCI Inc. to provide Construction Phase OAR Services for V-S00044 Terminal C Tenant Buildout (Completion of BP-S187)., for the total not-to-exceed fees amount of $19,968.00, with funding from previously approved General Airport Revenue Bonds.

I. **REQUEST FOR APPROVAL OF THE CONSTRUCTION COMMITTEE MEETING SCHEDULE FOR CALENDAR YEAR 2024.**
Ms. McKeown presented the memorandum, dated November 7, 2023. Discussion ensued.

Upon motion of Ms. Cottman, second by Mr. Hunt, vote carried to approve the Construction Committee Meeting Schedule for Calendar Year 2024, there is no fiscal impact.

INFORMATION ITEMS
The following items were presented for information only:

A. Field Change Order (FCO) Log

B. Revised Memorandum for the Approval of an Addendum to the Continuing Civil Engineering Services Agreement with C&S Engineers, Inc. for Design and Award Phase Services for V-S0038 Terminal C Level 2 Moving Walkways, at the Orlando International Airport. [From the Construction Committee on October 10, 2023, Item No. IV-L].

ADJOURNMENT
No public comments were made during the meeting. There being no further business for discussion, the meeting was adjourned at 9:25 a.m.

_____
Max E. Marble, Chair
Construction Committee
Senior Vice President, Capital Programs

CONSTRUCTION COMMITTEE MEETING
CHANGE ORDER AGENDA
Tuesday, December 19, 2023

ITEM	CHANGE ORDER	AMOUNT	TIME IMPACT	DESCRIPTION OF CHANGE
III-A	BP-S00185-12	~~$0.00~~ $11,537.00	0 (Substantial) 0 (Final)	FINAL CHANGE ORDER Buildout of LST Levels 2-7 & GTF (Design/Build) **Contractor: H W Davis Construction, Inc.**
III-B	BP-S00199-09	$39,994.74	0 (Substantial) 0 (Final)	VARIOUS REVISIONS Train Station PDL Parking Lots (Design/Build) **Contractor: The Middlesex Corporation**
III-C	L-00049-03	($20,618.08)	0 (Substantial) 0 (Final)	FINAL CHANGE ORDER Backbone Fiber Infrastructure To Tenant Locations **Contractor: Orlando Business Telephone Systems, Inc.**
III-D*	V-00992-01	~~$512,790.00~~ $511,076.81	~~0~~ (Substantial) ~~0~~ (Final)	VARIOUS REVISIONS Rehabilitation of Structural Steel Commercial Lanes Canopies. **Contractor: Clancy & Theys Construction Company**
III-E	V-01012-01	$3,094.00	0 (Substantial) 0 (Final)	VARIOUS REVISIONS Airside 1 Wing 4 Ramp Level Restroom Refurbishments. **Contractor: H W Davis Construction, Inc.**

***Requires Board approval.**

CONSTRUCTION COMMITTEE MEETING
CHANGE ORDER AGENDA
Tuesday, December 19, 2023

ITEM	CHANGE ORDER	AMOUNT	TIME IMPACT	DESCRIPTION OF CHANGE
III-A	BP-S00185-12	$0.00	0 (Substantial) 0 (Final)	FINAL CHANGE ORDER Buildout of LST Levels 2-7 & GTF (Design/Build) **Contractor: H W Davis Construction, Inc.**
III-B	BP-S00199-09	$39,994.74	0 (Substantial) 0 (Final)	VARIOUS REVISIONS Train Station PDL Parking Lots (Design/Build) **Contractor: The Middlesex Corporation**
III-C	L-00049-03	($20,618.08)	0 (Substantial) 0 (Final)	FINAL CHANGE ORDER Backbone Fiber Infrastructure To Tenant Locations **Contractor: Orlando Business Telephone Systems, Inc.**
III-D*	V-00992-01	$512,790.00	0 (Substantial) 0 (Final)	VARIOUS REVISIONS Rehabilitation of Structural Steel Commercial Lanes Canopies. **Contractor: Clancy & Theys Construction Company**
III-E	V-01012-01	$3,094.00	0 (Substantial) 0 (Final)	VARIOUS REVISIONS Airside 1 Wing 4 Ramp Level Restroom Refurbishments. **Contractor: H W Davis Construction, Inc.**

CC
ITEM III
12/19/2023

***Requires Board approval.**

GREATER ORLANDO AVIATION AUTHORITY
Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

CHANGE ORDER AGENDA
FOR CONSTRUCTION COMMITTEE

CHANGE ORDER NO. 12	**AMOUNT**	**($11,537.00)**	**Extension Of Time (Subst.): 0 Days** **Extension Of Time (Final): 0 Days**

CONTRACT NO. & DESCRIPTION:	BP-S00185 Buildout of LST Levels 2-7 & GTF (D/B)	DATE: 12/19/23
CONTRACTOR:	HW Davis Construction, Inc.	
A/E:	N/A	

DESCRIPTION OF CHANGE TO CONTRACT**: FINAL CHANGE ORDER**

Item #1 (PCO 1): This is a negotiated settlement for all costs associated with the revisions identified in Change Proposal No. 1, to incorporate changes that were made between the 95% and 100% construction documents. Revisions include changes to mechanical systems related to the air conditioning in the shared tenant communications room, 02.4001.
Add: $55,864.00

Item #2: Allowance Reduction - Reduce the Owner's allowance by $55,864.00, from $67,401.00 to $11,537.00 to cover the cost of Item #1.
Deduct: ($55,864.00).

Item #3: Allowance Reduction - Reduce the Owner's allowance by $11,537.00, from $11,537.00 to $0.00 for project closeout.
DEDUCT ($11,537.00)

(The language above will be exactly what will appear on the actual Change Order under "Description of Change".)

REASON FOR CHANGE:

Item #1: Design Progression - The original contract pricing was based on the 95% design submittal. This change represents a negotiated price for revisions to the design based on Owner's needs and field conditions. Revisions include an upgrade to the fan coil unit to provide primary and backup air conditioning which is GOAA standard, addition of a chilled water booster pump, added building automation system controls, and piping modifications.

Item #2: Allowance Reduction – Reduction of Owner's allowance to cover the cost of Item #1.

Item #3: Allowance Reduction - Reduce the Owner's allowance to $0.00 for project closeout.

SOURCE OF FUNDS: PREVIOUSLY APPROVED GENERAL AIRPORT REVENUE BONDS

Is above change within the intended scope of the original contract? Yes ☒ No ☐

EXPLAIN:

Previously Presented Bulletin(s):	N/A	(Copy Attached)
Previously Approved Field Change Order(s):	N/A	(Copy Attached)

Contractor's Original RCO Submission	$ **67,296.00**		
GOAA/OAR Estimate	$ 55,183.22		
(a) Change Contract Amount By		**$**	**($11,537.00)**
(b) Amount of Associated Additional A/E Fees	(Not for Approval / For Info. Only)	$	0.00
(c) Amount of Associated Additional OAR Fees	(Not for Approval / For Info. Only)	$	0.00
(d) Total Cost Impact of this Change (d = a + b + c)		**$**	**($11,537.00)**
Is there any potential backcharge to the A/E? Yes ☐ No ☒	Omissions	$	0.00

	Errors	$ 0.00
PREPARED BY: Jamie McGonagill, GCI		PHONE: X6565

*NOTE: All Agenda Items are to be submitted to **GOAA's Construction-Engineering-Financial (CEF) Consultant** (i.e., Anser Advisory, LLC). The deadline for the agenda items is **no later than 3:00 p.m. on Tuesdays, two weeks** preceding the intended Construction Committee meeting.*

GOAA's CEF Consultant	Date Received:	Date Review Completed:	Initials of Reviewer:	Verification of Funding by CF
Anser Advisory	12/05/2023	12/18/2023	M M*	Melvin Martinez

*Note: Final pricing agreed to between the Owner and Contractor as a negotiated settlement

CCM HANDOUT
12/19/2023
Item III-A
Revised Memo

GREATER ORLANDO AVIATI
Orlar
On
Orlando, Florida 32827-4392

CHANGE ORDER AGENDA
FOR CONSTRUCTION COMMITTEE

CHANGE ORDER NO. 12	**AMOUNT**	**($11,537.00)**	**Extension Of Time (Subst.): 0 Days** **Extension Of Time (Final): 0 Days**

CONTRACT NO. & DESCRIPTION:	BP-S00185 Buildout of LST Levels 2-7 & GTF (D/B)	DATE: 12/19/23
CONTRACTOR:	HW Davis Construction, Inc.	
A/E:	N/A	

DESCRIPTION OF CHANGE TO CONTRACT**: FINAL CHANGE ORDER**

Item #1 (PCO 1): This is a negotiated settlement for all costs associated with the revisions identified in Change Proposal No. 1, to incorporate changes that were made between the 95% and 100% construction documents. Revisions include changes to mechanical systems related to the air conditioning in the shared tenant communications room, 02.4001.
Add: $55,864.00

Item #2: Allowance Reduction - Reduce the Owner's allowance by $55,864.00, from $67,401.00 to $11,537.00 to cover the cost of Item #1.
Deduct: ($55,864.00).

Item #3: Allowance Reduction - Reduce the Owner's allowance by $11,537.00, from $11,537.00 to $0.00 for project closeout.
DEDUCT ($11,537.00)

(The language above will be exactly what will appear on the actual Change Order under "Description of Change".)

REASON FOR CHANGE:

Item #1: Design Progression - The original contract pricing was based on the 95% design submittal. This change represents a negotiated price for revisions to the design based on Owner's needs and field conditions. Revisions include an upgrade to the fan coil unit to provide primary and backup air conditioning which is GOAA standard, addition of a chilled water booster pump, added building automation system controls, and piping modifications.

Item #2: Allowance Reduction – Reduction of Owner's allowance to cover the cost of Item #1.

Item #3: Allowance Reduction - Reduce the Owner's allowance to $0.00 for project closeout.

SOURCE OF FUNDS: PREVIOUSLY APPROVED GENERAL AIRPORT REVENUE BONDS

Is above change within the intended scope of the original contract? Yes ☒ No ☐

EXPLAIN:

Previously Presented Bulletin(s):	N/A	(Copy Attached)
Previously Approved Field Change Order(s):	N/A	(Copy Attached)

Contractor's Original RCO Submission	$ **67,296.00**		
GOAA/OAR Estimate	$ 55,183.22		
(a) Change Contract Amount By		**$**	**($11,537.00)**
(b) Amount of Associated Additional A/E Fees	(Not for Approval / For Info. Only)	$	0.00
(c) Amount of Associated Additional OAR Fees	(Not for Approval / For Info. Only)	$	0.00
(d) Total Cost Impact of this Change (d = a + b + c)		**$**	**($11,537.00)**
Is there any potential backcharge to the A/E? Yes ☐ No ☒	Omissions	$	0.00

	Errors	$ 0.00
PREPARED BY: Jamie McGonagill, GCI		PHONE: X6565

*NOTE: All Agenda Items are to be submitted to **GOAA's Construction-Engineering-Financial (CEF) Consultant** (i.e., Anser Advisory, LLC). The deadline for the agenda items is **no later than 3:00 p.m. on Tuesdays, two weeks** preceding the intended Construction Committee meeting.*

GOAA's CEF Consultant	Date Received:	Date Review Completed:	Initials of Reviewer:	Verification of Funding by CF
Anser Advisory	12/05/2023	12/18/2023	M M*	Melvin Martinez

*Note: Final pricing agreed to between the Owner and Contractor as a negotiated settlement

GREATER ORLANDO AVIATION AUTHORITY
Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

CHANGE ORDER AGENDA
FOR CONSTRUCTION COMMITTEE

CHANGE ORDER NO. 12	AMOUNT $0.00	Extension Of Time (Subst.): 0 Days Extension Of Time (Final): 0 Days

CONTRACT NO. & DESCRIPTION:	BP-S00185 Buildout of LST Levels 2-7 & GTF (D/B)	DATE: 12/19/23
CONTRACTOR:	HW Davis Construction, Inc.	
A/E:	N/A	

DESCRIPTION OF CHANGE TO CONTRACT: **FINAL CHANGE ORDER**

Item #1 (PCO 1): This is a negotiated settlement for all costs associated with the revisions identified in Change Proposal No. 1, to incorporate changes that were made between the 95% and 100% construction documents. Revisions include changes to mechanical systems related to the air conditioning in the shared tenant communications room, 02.4001.
Add: $55,864.00

Item #2: Allowance Reduction - Reduce the Owner's allowance by $55,864.00, from $67,401.00 to $11,537.00 to cover the cost of Item #1.
Deduct: ($55,864.00).

Item #3: Allowance Reduction - Reduce the Owner's allowance by $11,537.00 to $0.00 for project closeout.

(The language above will be exactly what will appear on the actual Change Order under "Description of Change".)

REASON FOR CHANGE:

Item #1: Design Progression - The original contract pricing was based on the 95% design submittal. This change represents a negotiated price for revisions to the design based on Owner's needs and field conditions. Revisions include an upgrade to the fan coil unit to provide primary and backup air conditioning which is GOAA standard, addition of a chilled water booster pump, added building automation system controls, and piping modifications.

Item #2: Allowance Reduction – Reduction of Owner's allowance to cover the cost of Item #1.

Item #3: Allowance Reduction - Reduce the Owner's allowance to $0.00 for project closeout.

SOURCE OF FUNDS: PREVIOUSLY APPROVED GENERAL AIRPORT REVENUE BONDS

Is above change within the intended scope of the original contract? Yes ☒ No ☐

EXPLAIN:

Previously Presented Bulletin(s):	N/A	(Copy Attached)
Previously Approved Field Change Order(s):	N/A	(Copy Attached)

Contractor's Original RCO Submission	$ **67,296.00**	
GOAA/OAR Estimate	$ 55,183.22	
(a) Change Contract Amount By		**$ 0.00**
(b) Amount of Associated Additional A/E Fees	(Not for Approval / For Info. Only)	$ 0.00
(c) Amount of Associated Additional OAR Fees	(Not for Approval / For Info. Only)	$ 0.00
(d) Total Cost Impact of this Change (d = a + b + c)		**$**
Is there any potential backcharge to the A/E? Yes ☐ No ☒	Omissions	$

CC
ITEM III-A
12/19/2023

	Errors	$ 0.00
PREPARED BY: Jamie McGonagill, GCI		PHONE: X6565

*NOTE: All Agenda Items are to be submitted to **GOAA's Construction-Engineering-Financial (CEF) Consultant** (i.e., Anser Advisory, LLC). The deadline for the agenda items is **no later than 3:00 p.m. on Tuesdays, two weeks** preceding the intended Construction Committee meeting.*

GOAA's CEF Consultant	Date Received:	Date Review Completed:	Initials of Reviewer:	Verification of Funding by CF
Anser Advisory	12/05/2023	12/12/2023	MM*	Melvin Martinez

*Note: Final pricing agreed to between the Owner and Contractor as a negotiated settlement

H W DAVIS CONSTRUCTION, INC.
CGC 060095

1212 29th Street | Orlando, Florida 32805
407-849-1212 | Fax 407-839-4068
www.hwdavis.com

CHANGE PROPOSAL
COVER SHEET

October 11, 2021

Mr. Scott Shedek, P.E.
Greater Orlando Aviation Authority
11314 Terminal C Service Road
Orlando FL. 32824

Project: BP-S185 South Terminal D/B Tenant Build-Out
Greater Orlando Aviation Authority

Proposal #: 1

Description: **Chanes to the mechanical plans between 95% and 100%**

Explanation:

During the 95% plan review the team was given direction to modify the mechanical plans to incorporate a Liebert A/C unit within the tenant communications room located on level 2 area 2. The plans had included a fan coil unit in this location. The cost increase includes the new Liebert unit, all additional CHW piping, and controls

Dear Mr. Shedek

Our Proposal to perform the work on the above referenced proposal is as follows:

			COSTS			
			MATERIAL	LABOR	SUBS	TOTAL
COSTS:	From Attached Estimates		-	-	~~$55,681.00~~	~~55,681.00~~
TAX:	Local Sales Tax	6.50%	-	-		-
	Labor Burden	42.00%	-	-		-
Subtotal: Costs & Tax			-	-	~~55,681.00~~	~~55,681.00~~ 51,725.90
FEE:	GC - Material	15.00%	-	-		-
	GC - Labor	15.00%	-	-		-
	Subcontractor(s)	8.00%			~~4,454.48~~	~~4,454.48~~ 4,138.07
Subtotal: Cost, Tax & Fee			-	-	~~60,135.48~~	~~60,135.48~~
BONDS:			-	-	-	-
TOTAL:			$ -	$ -	$ ~~60,135.00~~	$ ~~60,135.00~~

Sub Proposal Attachments:
SI Goldman

55,864.00 ✓
OK
12-5-23

Sincerely,

James Beusse, PMP|LEED®AP
Vice President | Construction
Enclosures
Cc: File, Field,

COMFORT SYSTEMS USA
S.I. Goldman Company, Inc.

October 6, 2021

H. W. Davis Construction, Inc.
1212 29th St
Orlando, Fl 32805

Attn: Jim Beusse

Re: OIA ST-185 South Terminal

Jim,

The following represents our change order proposal to furnish labor and material from the 95 percent drawing's dated 5-28-21 to the 100 percent drawings dated 6-23-21.

I. QUALIFICATIONS

A. We specifically include the following:

- Liebert unit, booster pump and misc. chilled water piping.
- Misc. ductwork and fire dampers.
- Misc. duct and pipe insulation.
- Misc. air and water balancing.
- Misc. building automated controls.

We exclude the following:

- Motor starters, VFD's.
- Power wiring.
- Cutting, patching, and coring of walls and floors.
- Duct testing.
- X-ray of walls and floor slab's
- Misc. supplemental steel to hang our material.

II. PROPOSAL PRICING

A. Base Bids

1. Total HVAV change order sum, ~~$ 55,681.00~~ 51,725.90

Very truly yours,

Terry Soloski

Terry Soloski
Project Manager
S. I. Goldman Company, Inc.

S.I. GOLDMAN COMPANY

WORK PROPOSAL SUMMARY SHEET

JOB NAME:	OIA ST-185	**Job #:**	54617
LOCATION:		**Date:**	10/6/2021
DESCRIPTION:	!00% Drawing TS Liebert	**EWP #:**	

MATERIALS AND EQUIPMENT				
MATERIAL			$1,114.52	✓
EQUIPMENT			$29,386.00	✓
OTHER DIRECT COST / RENTALS			~~$350.00~~	= Ø
TAX	7.00%		~~$2,159.54~~	2,135
LABOR COST			~~$4,526.49~~	4,112.10
LABOR BURDEN	42.00%		~~$1,901.13~~	1,727.21
SUBTOTAL CONTRACTORS MATERIAL COST			~~$39,437.67~~	✓
			$0.00	
TOTAL CONTRACTORS FORCES			~~$39,437.67~~	38,975.13
SUBCONTRACTORS				
Insulation			$4,700.00	
Mc2			$2,600.00	
Testing & Balancing			~~$2,105.00~~	0
			$0.00	
			$0.00	
SUBTOTAL SUBCONTRACTORS FORCES			~~$9,405.00~~	7,300
			$0.00	
TOTAL SUBCONTRACTORS FORCES			~~$9,405.00~~	7,300
SUBTOTAL			~~$48,842.67~~	45,775.13
Overhead and Fee	12.00%		~~$5,861.12~~	5,493.02
WARRANTY	1.00%		~~$488.43~~	457.7
Permit	1.00%		~~$488.43~~	Ø
	0.00%		$0.00	
TOTAL THIS CHANGE			~~$55,681.00~~	51,725.9

NOTES:

S.I. GOLDMAN COMPANY

LABOR SUMMARY

JOB NAME:	OIA ST-185	**Job #:**	54617
LOCATION:	$0.00	**Date:**	10/06/21
DESCRIPTION:	!00% Drawing TS Liebert	**EWP #:**	0

JOB DESCRITPTION	BASE RATE	TRAVEL EXP.	OTHER	TOTAL
MECHANIC	$34.50	$0.00	$0.00	$34.50
FOREMAN	$40.00	$0.00	$0.00	$40.00
FABRICATION	$34.00	$0.00	$0.00	$34.00
LABORER / MATERIAL HANDLER	$28.00	$0.00	$0.00	$28.00
DELIVERIES	$30.00	$0.00	$0.00	$30.00
TECHNICIAN	$45.00	$0.00	$0.00	$45.00
BIM TECHNICIAN	$58.00	$0.00	$0.00	$58.00
PROJECT ENGINEER	$48.00	$0.00	$0.00	$48.00
PROJECT ESTIMATOR	$48.00	$0.00	$0.00	$48.00
PROJECT MANAGER	$62.00	$0.00	$0.00	$62.00
		$0.00	$0.00	$0.00

LABOR HOURS (ADJUST % AS REQUIRED)			
PIPEFITTER HOURS (From Detail Sheet)			2.00
MATERIAL HANDLING % OF PIPEFITTER HOURS	0.0%		0.00
CLEANUP % OF PIPEFITTER HOURS	0.0%		0.00
QUALITY CONTROL % OF PIPEFITTER HOURS	0.0%		0.00
SAFETY % OF PIPEFITTER HOURS	0.0%		0.00
TESTING % OF PIPEFITTER HOURS	0.0%		0.00
			0.00
			0.00
TOTAL LABOR HOURS			**2.00**

HOURS AND LABOR AMOUNT

JOB DESCRIPTION	HOURS	UNIT	TOTAL
MECHANIC	103.16	$32.50	$3,352.70
FOREMAN	15.77	$37.50	$591.38
FABRICATION	5.26	$32.00	$168.32
LABORER / MATERIAL HANDLER	0.00	$28.00	$0.00
DELIVERIES	0.00	$30.00	$0.00
TECHNICIAN	0.00	$45.00	$0.00
BIM TECHNICIAN	0.00	$58.00	$0.00
PROJECT ENGINEER	0.00	$48.00	$0.00
PROJECT ESTIMATOR	0.00	$48.00	$0.00
PROJECT MANAGER	4.00	$60.00	~~$240.00~~
	0.00	$0.00	$0.00
TOTAL DIRECT LABOR			~~$4,352.40~~ 4,112.40
TOOL REPLACEMENT 4% OF TOTAL			~~$174.10~~ 0
TOTAL LABOR			~~$4,526.49~~ 4,112.40

S.I. GOLDMAN COMPANY

OTHER DIRECT COST SHEET

JOB NAME:	OIA BP-S185 100% Drawing Change	**Job #:**	54617
LOCATION:	Orlando, FL	**Date:**	08/18/21
Description:	100% Drawing Changes - LIEBERT UNIT	**EWP #:**	1

RENTAL EQUIPMENT (PER DAY)	RATE	DAYS	QTY	AMOUNT
BACKHOE/FRONTEND LOADER	$0.00	0.00	0	$0.00
BACKHOE-DIESEL CRAWLER 1CY	$0.00	0.00	0	$0.00
FORKLIFT-TRACTOR TYPE	$0.00	0.00	0	$0.00
FORKLIFT-LULL TYPE	$0.00	0.00	0	$0.00
STORAGE TRAILER	$0.00	0.00	0	$0.00
WELDING SET - GAS PWR	$0.00	0.00	0	$0.00
WELDING SET - ACTY/OXY	$0.00	0.00	0	$0.00
MATERIAL LIFT- MANUAL	$0.00	0.00	0	$0.00
MANLIFT-BOOM TYPE	$0.00	0.00	0	$0.00
MANLIFT-PLATFORM	$350.00	1.00	1	~~$350.00~~
SCAFFOLDING (SETS PER DAY)	$0.00	0.00	0	$0.00
OFFICE/STORAGE TRAILER	$0.00	0.00	0	$0.00
COMPACTOR - VIB. PLATE	$0.00	0.00	0	$0.00
TRENCHER - CHAIN, OPR. WALK	$0.00	0.00	0	$0.00
AIR COMPRESSOR - PORT., GAS	$0.00	0.00	0	$0.00
DRILL - ROTARY HAMMER	$0.00	0.00	0	$0.00
CRANE	$0.00	0.00	0	$0.00
GENERATOR - GAS 5KW	$0.00	0.00	0	$0.00

SUBTOTAL RENTAL EQUIP.	~~**$350.00**~~

OTHER DIRECT COST	RATE		QTY	AMOUNT
PRINTS (4 SETS MINIMUM)	$0.00		0	$0.00
HOISTING	$0.00		0	$0.00
CAD MACHINE	$0.00		0	$0.00
CONC. CUT & CORE	$0.00		0	$0.00
EXCAVATION	$0.00		0	$0.00
CONSUMABLES	$0.00		0%	$0.00
	$0.00		0	$0.00
	$0.00		0	$0.00

SUBTOTAL OTHER DIRECT COST	**$0.00**

JobItems - Equipment

Company: **SI Goldman Company, Inc.**
JobName: **11458 - BP-S185 STC Buildout - 100 Drawing Changes []**

(TOTAL)			**3**	**0.00**		~~**$ 30,570.00**~~		~~**42.80**~~	~~**42.80**~~

☐ Group regardless of size.

	Size	Description	Quantity	Weight	Materials Unit	Materials Total	PIF	Labor Unit	Labor Total
	N/A	Deduct Original Fan Coil Unit	-1	0.00	$ 2,000.00	$ (2,000.00)	N/A	12.00	-12.00
	N/A	Mounting of Pump (stand/base/unistrut)	1	0.00	$ 2,500.00	$ 2,500.00	N/A	8.00	8.00
	~~N/A~~	~~VFD for Pump~~	~~1~~	~~0.00~~	~~$ 1,250.00~~	~~$ 1,250.00~~	~~N/A~~	~~2.00~~	~~2.00~~
	NA	CP Booster Pump	1	0.00	$ 1,750.00	$ 1,750.00	1	11.20	11.20
	NA	FCUL FCU - Liebert	1	0.00	$ 27,070.00	$ 27,070.00	1	33.60	33.60

~~(29,320)~~ ?

29,386.00

JobItems - Specialty

Company: **SI Goldman Company, Inc.**
JobName: **11458 - BP-S185 STC Buildout - 100 Drawing Changes []**

(TOTAL)	**5**	**0.00**		**$ 66.00**	**4.90**	**4.90**

☐ Group regardless of size.

	Size	Description	Quantity	Weight	Materials Unit	Materials Total	PIF	Labor Unit	Labor Total
	NA	FTS Fluid Temp Sensor	1	0.00	$ -	by MC2	1	2.10	2.10
	NA	PPLU Pete's Plug	4	0.00	$ 16.50	$ 66.00	1	0.70	2.80

Company: SI Goldman Company, Inc.
JobName: 11458 - BP-S185 STC Buildout - 100 Drawing Changes []
Run Date: 08-12-2021 @ 13:23:29
Sort Key: By Spec

Spec	Qty	Size	Description	Unit Price	Price Total	Unit Hr	Total Hr
CD1	-12.4	1 1/4	Type K Hard Copper Tube	$ 9.11	$ (112.93)	0.112	-1.388
	-3	3 1/2	#260 Galv Clevis Hanger	$ 8.48	$ (25.44)	1.288	-3.864
	-9	3/8	Hex Nuts	$ 0.23	$ (2.08)	0.0	0.0
	-9	3/8	Plain Washer	$ 0.06	$ (0.50)	0.0	0.0
	-3	3/8	#86 Blk Lock Nut I-Beam C-Clamp	$ 1.93	$ (5.80)	0.0	0.0
	-12	3/8	Galv Plated All Thread Rod	$ 0.33	$ (4.01)	0.0	0.0
	-3	3 1/2x12	#167-3A CS Galv Ins Prot Shield	$ 5.03	$ (15.09)	0.322	-0.966
CD1	**-51.4**	**(SUBTOTAL)**			**$ (165.85)**		**-6.218**
CHW6	16.06	1	Type K Hard Copper Tube	$ 7.29	$ 117.03	0.098	1.574
	6	1	ProPress ZL Cop 90 Ell	$ 7.27	$ 43.65	0.17	1.02
	3	1	ProPress ZL Cop Tee	$ 11.05	$ 33.16	0.24	0.72
	4	1	ProPress ZL Brz Union	$ 35.85	$ 143.38	0.47	1.88
	4	1x1/2	ProPress ZL Cop Reducing Tee	$ 12.88	$ 51.52	0.2	0.8
	6	1	600 Swt Ball Valve	$ 45.44	$ 272.65	0.924	5.544
	2	1	125# BrzSwt BrzDsc SB Swing Chec	$ 97.87	$ 195.73	0.924	1.848
	1	1	Sweat 3-Way Temp Control Valve	$ -	$ -	2.38	2.38
	4	1	Sweat 2-Way Temp Control Valve	$ -	$ -	2.38	9.52
	29	1	Ridgid ProPress Joint	$ -	$ -	0.0	0.0
	4	1/2	Viega ProPress Joint	$ -	$ -	0.0	0.0
	37	1	Viega ProPress Joint	$ -	$ -	0.0	0.0
	1	1	250# Brz Swt Y Strainer	$ 160.62	$ 160.62	1.512	1.512
	4	3	#260 Galv Clevis Hanger	$ 4.94	$ 19.77	1.288	5.152
	12	3/8	Hex Nuts	$ 0.23	$ 2.77	0.0	0.0
	12	3/8	Plain Washer	$ 0.06	$ 0.66	0.0	0.0
	4	3/4	#292-1 Blk Unv FS Adj Beam Clamp	$ 53.76	$ 215.04	0.098	0.392
	16	3/8	Galv Plated All Thread Rod	$ 0.33	$ 5.35	0.0	0.0
	4	3x12	#167-2A CS Galv Ins Prot Shield	$ 4.76	$ 19.05	0.322	1.288

Spec	Qty	Size	Description	Unit Price	Price Total	Unit Hr	Total Hr
CHW6	169.06	(SUBTOTAL)			$ 1,280.37		33.63
	117.66	(TOTAL)			$ 1,114.52		27.411

Base Construction 1/4

H W DAVIS CONSTRUCTION, INC.

GOAA Project Name: STC Buildout Tenant Spaces LST L2,4,6,7 & GTF

GOAA Project Name.	BP-S00185
HWD Project No.	20-018
Change Request No.	1

CHANGE ORDER PROPOSAL

Contractor Name: HW Davis Construction
Address: 1212 29th Street
Orlando, FL 32805
Telephone No.: 407-849-1212

Date: 7/1/2021

☐ Allowance
☑ Change Order

SECTION A: SUBCONTRACTOR WORK

1. Names of Subcontractors:		
A. WJ Bergin, Inc	$15,000.00	
B. DHOI	$170,881.00	
C. Mader Southest	$543,200.00	
D. Designers West	$76,493.00	
E. Southern Painting	$116,785.00	
F. Hills Fencing	$51,795.00	
G. A/C Signs	$15,275.00	
H. Southern Fire Protection	$54,000.00	
I. SI Goldman	$421,980.00	
J. Quality Cable Contractors	$402,700.00	
K. Convergent	$38,975.00	
L. Berg Electric	$540,250.00	
M. Div-7 Scope	$55,627.00	
N. Door Installer	$15,000.00	
O. CA Services	$91,602.00	
2. TOTAL SUBCONTRACTORS' PROPOSALS	$2,609,563.00	
3. Contractor's Markup on Subs' Cost (per HWD Contract):		
3a. 10% from $1.00 to $25,000 of line 2	$0.00	
3b. 8% from $25,001 to $500,000 of line 2	$0.00	
3c. 6% of sum in excess of $500,000 of line 2	$156,573.78	
4. SUBCONTRACTOR TOTAL		$2,766,136.78

SECTION B: CONTRACTOR WORK

5. Total Contractor Labor	$266,498.29	
6. Total Contractor Material	$33,266.00	
7. Total Contractor Equipment	$26,075.71	
8. SUBTOTAL (total lines 1 through 4)	$325,840.00	
9. Contractor's Mark-Up . Own Work (15%,12%,10% of line 9)	$36,715.80	
10. Permit Fee/Concurrency Fee	$21,527.00	
11. CONTRACTOR TOTAL (Total lines 9, 10 and 11)		**$384,082.80**

SECTION C: CONTRACTOR'S REQUESTED TOTAL

Round Totals to Nearest Dollar

14. AMOUNT REQUESTED *(Total lines 4 and 12.)* **$3,150,220.00**

J. Beusse 7.2.2021

HW Davis Construction — Date

James Beusse, PMP | LEED®AP
Vice President | Construction

COMFORT SYSTEMS USA
S.I. Goldman Company, Inc.

June 17, 2021

2/4

H.W. Davis Construction, Inc
1212 29th Street
Orlando, FL 32805

Attn: Mr. Jim Beusse

Re: BP-185 STC Buildout Pricing

Jim:

We are pleased to present our Heating, Ventilating, and Air Conditioning Proposal on the above referenced project based on and in accordance with documents prepared by SGM Engineering, dated May 28, 2021. At this time, we acknowledge (0) addendums.

I. QUALIFICATIONS

A. We specifically include the following:

1. Sales Tax.
2. Fees, Permits and Licenses.
3. Warranty – 1 year.
4. Dedicated full time supervisor on site.
5. Clean up of our debris to your dumpsters.
6. Lifting and scaffolding for installation of our work.
7. Our work performed during normal hours and workdays.
8. Off hours work for shut downs and tie-ins.
9. Chilled water pipe and fittings above ground as shown. (Copper L for sizes 2" and smaller)
10. Condensate drainpipe and fittings above ground as shown. (Copper)
11. Furnishing and installing of HVAC equipment as follows:
    - (3) Fan Coil Units - (21) VAV Boxes
12. Hangers and supports for our work.
13. Pipe, valve and equipment identification.
14. Thermal insulation. (OA duct, RA duct, SA duct, HVAC piping)
15. Galvanized ductwork and accessories.
16. DDC Controls by MC2.
17. Test and Balance.
18. Assistance during commissioning of project.
19. Attic Stock as specified.
20. Cleaning and flushing of our system.
21. Temporary filter replacement during construction.

3/4

22. Input for construction schedules.
23. Furnish only access doors/panels for our work.
24. Firestopping our pipe and duct penetrations.
25. Wet / Hot Taps.
26. Equipment and Systems start-up, checkout and Owner instructions.
27. Demolition work as shown on the contract documents.
28. Motor starters integral only to our equipment.
29. Flag personnel and traffic control during our deliveries. (No MOT plan included)
30. Installation only of duct smoke detectors. (No wiring.)
31. Provisions for offsite parking and storage.

B. We specifically exclude the following:

1. Payment & Performance Bond. (Add 1.0% if required)
2. Service contract or maintenance agreement.
3. Fire dampers, fire/smoke dampers, smoke dampers or control dampers not shown on the contract drawings.
4. Furnishing or wiring of smoke detectors. (Including final wiring connections to fire alarm devices, contacts or relays)
5. Sewer, water or gas connection, usage or impact fees, metered fuel cost, energy cost and consumption charges.
6. Premium time costs to make-up for other trades not maintaining their schedule.
7. Temporary facilities, i.e. toilets, water, sanitary, storm, electrical, HVAC, utilities, etc.
8. Temporary fences, enclosures, barricades or partitions of any kind.
9. Architectural louvers, door grilles or vents.
10. Caulking or sealant for non-rated penetrations.
11. Caulking or sealant of louvers or grilles.
12. Cutting, patching, removal, repair or replacement of floors, slabs or walls.
13. Ceiling removal, storage, replacement or reinstallation.
14. Painting, prime painting, coating or color-coding of any nature.
15. Electrical work and any power wiring 120 volt and higher.
16. Mechanical or 3rd party cleaning of the new and existing duct system. S. I. Goldman Company, Inc. uses the clean as we install method. All open ducts will be covered at the end of each day.
17. Supplemental structural steel and I-beams for equipment/pipe supports.
18. Engineering or design (i.e., stamped and sealed drawings).
19. Plumbing work of any kind.
20. Responsibility for repairs or code upgrades to existing piping, duct or equipment.
21. **Warranty or replacement of FCU due to cutting of supply air ductwork.**
22. Responsibility for 3rd party commissioning agent.
23. Water treatment and service to existing chemical system.
24. Loose starters and disconnects, fused and non-fused and heaters by others.
25. Any work pertaining to the fire alarm system.

4/4

26. Demolition work not shown on the contract documents.
27. Repair, replacement, patching or back charges for any type of fireproofing.
28. Composite clean-up labor.
29. Offsite removal/disposal of any kind.
30. Premium time or off hours work. (Except as noted above)

II. PROPOSAL PRICING

A. Base Bids

1. Total lump sum Heating, Ventilating and Air Conditioning Base Bid of,
$ 421,980.00

III. CONDITIONS OF PROPOSAL

A. Our proposal is based on the above bids, qualifications and the following conditions of proposal. If any of these items are changed, we must re-evaluate our entire proposal.

1. Adequate lay down, staging and storage area is provided to meet the project requirements.

2. As a condition precedent to General Contractor's acceptance of S.I. Goldman Company's proposal/ offering for this project, S.I. Goldman Company has the right of review and rejection of all or part of General Contractor's form contract and attachments. We expect the conditions or provisions of this subcontract to be no more exacting or unfavorable to us than the contract entered into between the Owner and Contractor.

3. If we are expected to share in any delay and/or liquidated damages, then we shall be furnished with a construction schedule that allows us sufficient time to perform our work in an orderly and efficient manner.

4. Our terms for retainage withheld will be consistent with the Prime Contract terms with the Owner.

5. In the event of significant delay or price increase of material or equipment occurring between the date of this proposal and the date of execution of the Subcontract, the contract sum, contract schedule, and contract requirements shall be equitably adjusted in the Subcontract. A change in price of an item of material or equipment shall be considered significant when the price of an item increases >5% percent between the date of this proposal and the date of execution of the Subcontract. Additionally, subcontractor shall not be held responsible for material delays or shortages due to a force majeure event.

H W DAVIS CONSTRUCTION, INC.
CGC 010775

1212 29th Street | Orlando, Florida 32805
407-849-1212 | Fax 407-839-4068
www.hwdavis.com

CHANGE PROPOSAL
COVER SHEET

August 18, 2021

Mr. Scott Shedek, P.E.
Greater Orlando Aviation Authority
11314 Terminal C Service Road
Orlando FL. 32824

Project: BP-S185 South Terminal D/B Tenant Build-Out
Greater Orlando Aviation Authority

Proposal #: 1

Description: **Change in the plans between 95% and 100%.**

Explanation:

During the 95% plan review the team was given direction to modify the mechanical plans to incorporate a Liebert A/C unit within the tenant communications room located on level 2 area 2. The plans had included a fan coil unit in this location. The cost increase includes the new Liebert unit, all additional CHW piping, and controls

Dear Mr. Shedek

Our Proposal to perform the work on the above referenced proposal is as follows:

			COSTS			
			MATERIAL	LABOR	SUBS	TOTAL
COSTS:	From Attached Estimates		-	-	62,311.00	62,311.00
TAX:	Local Sales Tax	6.50%	-	-	-	-
	Labor Burden	38.00%	-	-	-	-
Subtotal: Costs & Tax			-	-	62,311.00	62,311.00
FEE:	GC - Material	15.00%	-	-	-	-
	GC - Labor	15.00%	-	-	-	-
	Subcontractor(s)	8.00%	-	-	4,984.88	4,984.88
Subtotal: Cost, Tax & Fee			-	-	67,295.88	67,295.88
BONDS:			-	-	-	-
TOTAL:			$ -	$ -	$ 67,296.00	$ 67,296.00

Sub Proposal Attachments:
SI Goldman

Sincerely,

James Beusse, PMP|LEED@AP
Vice President | Construction
Enclosures
Cc: File, Field,

H W DAVIS CONSTRUCTION, INC.

GOAA Project No. BPS185
HWD Project No. 20-018
Change Request No. 1

CHANGE ORDER PROPOSAL

Contractor Name: HW Davis Construction
Address: 1212 29th Street
Orlando, FL 32805
Telephone No.: 407-849-1212

Date: 8/18/2021

☐ Allowance
☑ Change Order

SECTION A: SUBCONTRACTOR WORK

1. Names of Subcontractors:		
A. SI Goldman	$62,311.00	
B.	$0.00	
C.	$0.00	
D.	$0.00	
2. TOTAL SUBCONTRACTORS' PROPOSALS	$62,311.00	
3. Contractor's Markup on Subs' Cost (per HWD Contract):		
3a. 10% from $1.00 to $25,000 of line 2	$0.00	
3b. 8% from $25,001 to $500,000 of line 2	$4,984.88	
3c. 6% of sum in excess of $100,000 of line 2	$0.00	
4. SUBCONTRACTOR TOTAL		$67,295.88

SECTION B: CONTRACTOR WORK

5. Total Contractor Labor (from Labor Worksheet)	$0.00	
6. Total Contractor Material (from Material Worksheet)	$0.00	
7. Total Contractor Equipment (from Equipment Expense Proposal)	$0.00	
8. Total Non-Specified Unit Price Costs (from Unit Price Worksheet)	$0.00	
9. SUBTOTAL (total lines 1 through 4)	$0.00	
10. Premium Portion of Overtime (from Labor Worksheet)	$0.00	
11. Contractor's Mark-Up . Own Work (15%,12%,10% of line 9)	$0.00	
12. CONTRACTOR TOTAL (Total lines 9, 10 and 11)		**$0.00**

SECTION C: CONTRACTOR'S REQUESTED TOTAL

Round Totals to Nearest Dollar

14. AMOUNT REQUESTED *(Total lines 4 and 12.)* **$67,296.00**

J Beusse 8.18.21
HW Davis Construction Date

James Beusse, PMP | LEED®AP
Vice President | Construction

S.I. GOLDMAN COMPANY

WORK PROPOSAL SUMMARY SHEET

JOB NAME:	OIA BP-S185 100% Drawing Change	**Job #:**	54617
LOCATION:	Orlando, FL	**Date:**	8/18/2021
DESCRIPTION:	100% Drawing Changes - LIEBERT UNIT	**EWP #:**	1

MATERIALS AND EQUIPMENT			
MATERIAL			$1,114.52
EQUIPMENT			$30,636.00
OTHER DIRECT COST / RENTALS			$350.00
TAX	7.00%		$2,247.04
LABOR COST			$4,594.00
LABOR BURDEN	42.00%		$1,929.48
SUBTOTAL CONTRACTORS MATERIAL COST			**$40,871.03**
TOTAL CONTRACTORS FORCES			**$40,871.03**
SUBCONTRACTORS			
Insulation			$4,700.00
MC2			$6,983.00
Test and Balance			$2,105.00
SUBTOTAL SUBCONTRACTORS FORCES			**$13,788.00**
TOTAL SUBCONTRACTORS FORCES			**$13,788.00**
SUBTOTAL			**$54,659.03**
OVERHEAD AND FEE	12.00%		$6,559.08
WARRANTY	1.00%		$546.59
PERMIT	1.00%		$546.59

TOTAL THIS CHANGE	**$62,311.00**

NOTES:

S.I. GOLDMAN COMPANY

LABOR SUMMARY

JOB NAME:	OIA BP-S185 100% Drawing Change	**Job #:**	54617
LOCATION:	Orlando, FL	**Date:**	08/18/21
DESCRIPTION:	100% Drawing Changes - LIEBERT UNIT	**EWP #:**	1

JOB DESCRITPTION	BASE RATE	TRAVEL EXP.	OTHER	TOTAL
MECHANIC	$32.50	$0.00	$0.00	$32.50
FOREMAN	$37.50	$0.00	$0.00	$37.50
FABRICATION	$32.00	$0.00	$0.00	$32.00
LABORER / MATERIAL HANDLER	$26.00	$0.00	$0.00	$26.00
DELIVERIES	$28.00	$0.00	$0.00	$28.00
TECHNICIAN	$42.00	$0.00	$0.00	$42.00
BIM TECHNICIAN	$56.00	$0.00	$0.00	$56.00
PROJECT ENGINEER	$46.00	$0.00	$0.00	$46.00
PROJECT ESTIMATOR	$46.00	$0.00	$0.00	$46.00
PROJECT MANAGER	$60.00	$0.00	$0.00	$60.00
		$0.00	$0.00	$0.00

LABOR HOURS (ADJUST % AS REQUIRED)			
PIPEFITTER HOURS (From Detail Sheet)			75.11
MATERIAL HANDLING % OF PIPEFITTER HOURS	0.0%		0.00
CLEANUP % OF PIPEFITTER HOURS	0.0%		0.00
LOGISTICS FACTOR % OF PIPEFITTER HOURS	40.0%		30.04
LOGISTICS FACTOR % OF SHEETMETAL HOURS (see duct page)	0.0%		0.00
TESTING % OF PIPEFITTER HOURS	0.0%		0.00
			0.00
			0.00
TOTAL LABOR HOURS			**105.16**

HOURS AND LABOR AMOUNT

JOB DESCRIPTION	HOURS	UNIT	TOTAL
MECHANIC	105.16	$32.50	$3,417.55
FOREMAN	15.77	$37.50	$591.50
FABRICATION	5.26	$32.00	$168.25
LABORER / MATERIAL HANDLER	0.00	$26.00	$0.00
DELIVERIES	0.00	$28.00	$0.00
TECHNICIAN	0.00	$42.00	$0.00
BIM TECHNICIAN	0.00	$56.00	$0.00
PROJECT ENGINEER	0.00	$46.00	$0.00
PROJECT ESTIMATOR	0.00	$46.00	$0.00
PROJECT MANAGER	4.00	$60.00	$240.00
	0.00	$0.00	$0.00

TOTAL DIRECT LABOR	$4,417.30
TOOL REPLACEMENT 4% OF TOTAL	$176.69

TOTAL LABOR	**$4,594.00**

S.I. GOLDMAN COMPANY

OTHER DIRECT COST SHEET

JOB NAME:	OIA BP-S185 100% Drawing Change	**Job #:**	54617
LOCATION:	Orlando, FL	**Date:**	08/18/21
Description:	100% Drawing Changes - LIEBERT UNIT	**EWP #:**	1

RENTAL EQUIPMENT (PER DAY)	RATE	DAYS	QTY	AMOUNT
BACKHOE/FRONTEND LOADER	$0.00	0.00	0	$0.00
BACKHOE-DIESEL CRAWLER 1CY	$0.00	0.00	0	$0.00
FORKLIFT-TRACTOR TYPE	$0.00	0.00	0	$0.00
FORKLIFT-LULL TYPE	$0.00	0.00	0	$0.00
STORAGE TRAILER	$0.00	0.00	0	$0.00
WELDING SET - GAS PWR	$0.00	0.00	0	$0.00
WELDING SET - ACTY/OXY	$0.00	0.00	0	$0.00
MATERIAL LIFT- MANUAL	$0.00	0.00	0	$0.00
MANLIFT-BOOM TYPE	$0.00	0.00	0	$0.00
MANLIFT-PLATFORM	$350.00	1.00	1	$350.00
SCAFFOLDING (SETS PER DAY)	$0.00	0.00	0	$0.00
OFFICE/STORAGE TRAILER	$0.00	0.00	0	$0.00
COMPACTOR - VIB. PLATE	$0.00	0.00	0	$0.00
TRENCHER - CHAIN, OPR. WALK	$0.00	0.00	0	$0.00
AIR COMPRESSOR - PORT., GAS	$0.00	0.00	0	$0.00
DRILL - ROTARY HAMMER	$0.00	0.00	0	$0.00
CRANE	$0.00	0.00	0	$0.00
GENERATOR - GAS 5KW	$0.00	0.00	0	$0.00

SUBTOTAL RENTAL EQUIP.	**$350.00**

OTHER DIRECT COST	RATE		QTY	AMOUNT
PRINTS (4 SETS MINIMUM)	$0.00		0	$0.00
HOISTING	$0.00		0	$0.00
CAD MACHINE	$0.00		0	$0.00
CONC. CUT & CORE	$0.00		0	$0.00
EXCAVATION	$0.00		0	$0.00
CONSUMABLES	$0.00		0%	$0.00
	$0.00		0	$0.00
	$0.00		0	$0.00

SUBTOTAL OTHER DIRECT COST	**$0.00**

JobItems - Equipment

Company: **SI Goldman Company, Inc.**
JobName: **11458 - BP-S185 STC Buildout - 100 Drawing Changes []**

(TOTAL)			**3**	**0.00**		**$30,570.00**	**42.80**	**42.80**

☐ Group regardless of size.

	Size	Description	Quantity	Weight	Materials Unit	Materials Total	PIF	Labor Unit	Labor Total
	N/A	Deduct Original Fan Coil Unit	-1	0.00	$ 2,000.00	$ (2,000.00)	N/A	12.00	-12.00
	N/A	Mounting of Pump (stand/base/unistrut)	1	0.00	$ 2,500.00	$ 2,500.00	N/A	8.00	8.00
	N/A	VFD for Pump	1	0.00	$ 1,250.00	$ 1,250.00	N/A	2.00	2.00
	NA	CP Booster Pump	1	0.00	$ 1,750.00	$ 1,750.00	1	11.20	11.20
	NA	FCUL FCU - Liebert	1	0.00	$27,070.00	$27,070.00	1	33.60	33.60

JobItems - Specialty

Company: **SI Goldman Company, Inc.**
JobName: **11458 - BP-S185 STC Buildout - 100 Drawing Changes []**

(TOTAL)	**5**	**0.00**		**$ 66.00**	**4.90**	**4.90**

☐ Group regardless of size.

	Size	Description	Quantity	Weight	Materials Unit	Materials Total	PIF	Labor Unit	Labor Total
	NA	FTS Fluid Temp Sensor	1	0.00	$ -	by MC2	1	2.10	2.10
	NA	PPLU Pete's Plug	4	0.00	$ 16.50	$ 66.00	1	0.70	2.80

Company: SI Goldman Company, Inc.
JobName: 11458 - BP-S185 STC Buildout - 100 Drawing Changes []
Run Date: 08-12-2021 @ 13:23:29
Sort Key: By Spec

Spec	Qty	Size	Description	Unit Price	Price Total	Unit Hr	Total Hr
CD1	-12.4	1 1/4	Type K Hard Copper Tube	$ 9.11	$ (112.93)	0.112	-1.388
	-3	3 1/2	#260 Galv Clevis Hanger	$ 8.48	$ (25.44)	1.288	-3.864
	-9	3/8	Hex Nuts	$ 0.23	$ (2.08)	0.0	0.0
	-9	3/8	Plain Washer	$ 0.06	$ (0.50)	0.0	0.0
	-3	3/8	#86 Blk Lock Nut I-Beam C-Clamp	$ 1.93	$ (5.80)	0.0	0.0
	-12	3/8	Galv Plated All Thread Rod	$ 0.33	$ (4.01)	0.0	0.0
	-3	3 1/2x12	#167-3A CS Galv Ins Prot Shield	$ 5.03	$ (15.09)	0.322	-0.966
CD1	**-51.4**	**(SUBTOTAL)**			**$ (165.85)**		**-6.218**
CHW6	16.06	1	Type K Hard Copper Tube	$ 7.29	$ 117.03	0.098	1.574
	6	1	ProPress ZL Cop 90 Ell	$ 7.27	$ 43.65	0.17	1.02
	3	1	ProPress ZL Cop Tee	$ 11.05	$ 33.16	0.24	0.72
	4	1	ProPress ZL Brz Union	$ 35.85	$ 143.38	0.47	1.88
	4	1x1/2	ProPress ZL Cop Reducing Tee	$ 12.88	$ 51.52	0.2	0.8
	6	1	600 Swt Ball Valve	$ 45.44	$ 272.65	0.924	5.544
	2	1	125# BrzSwt BrzDsc SB Swing Chec	$ 97.87	$ 195.73	0.924	1.848
	1	1	Sweat 3-Way Temp Control Valve	$ -	$ -	2.38	2.38
	4	1	Sweat 2-Way Temp Control Valve	$ -	$ -	2.38	9.52
	29	1	Ridgid ProPress Joint	$ -	$ -	0.0	0.0
	4	1/2	Viega ProPress Joint	$ -	$ -	0.0	0.0
	37	1	Viega ProPress Joint	$ -	$ -	0.0	0.0
	1	1	250# Brz Swt Y Strainer	$ 160.62	$ 160.62	1.512	1.512
	4	3	#260 Galv Clevis Hanger	$ 4.94	$ 19.77	1.288	5.152
	12	3/8	Hex Nuts	$ 0.23	$ 2.77	0.0	0.0
	12	3/8	Plain Washer	$ 0.06	$ 0.66	0.0	0.0
	4	3/4	#292-1 Blk Unv FS Adj Beam Clamp	$ 53.76	$ 215.04	0.098	0.392
	16	3/8	Galv Plated All Thread Rod	$ 0.33	$ 5.35	0.0	0.0
	4	3x12	#167-2A CS Galv Ins Prot Shield	$ 4.76	$ 19.05	0.322	1.288

Spec	Qty	Size	Description	Unit Price	Price Total	Unit Hr	Total Hr
CHW6	169.06	(SUBTOTAL)			$ 1,280.37		33.63
	117.66	(TOTAL)			$ 1,114.52		27.411

BPS-185 CO #12 OAR Estimate (COR #1) - 95 to 100% Mechanical Revisions

		Takeoff Quantity		UOM		Material Unit Cost		Material Cost		Labor Unit	Labor Cost	Total Cost
01 General Requirements												
Mechanical Revisions												
95 to 100%	Liebert PW011UC 1424 cfm FCU	1.00		EA		$ 28,000.00		$ 28,000.00		**$ 80.00**	**$ 32.50**	$ 3,692.00
	Goulds hydronic water pump 10gpm	1.00		EA		$ 1,500.00		$ 1,500.00		**$ 20.00**	**$ 32.50**	$ 923.00
	Credit - Envirotec HLE-D08 FCU	1.00		SY		$ (2,000.00)		$ (2,000.00)		**$ (20.00)**	**$ 32.50**	$ (923.00)
	Type K coper pipe & fittings	1.00		LS		$ 2,500.00		$ 2,500.00		**$ 40.00**	**$ 32.50**	$ 1,846.00
	Insulation for added pipe & fitings	1.00		LS		$ 3,500.00		$ 3,500.00		**$ 20.00**	**32.5**	$ 923.00
	Added BAS controls & programming	1.00		LS		$ 1,750.00		$ 1,750.00		**$ 30.00**	**$ 38.00**	$ 1,618.80
	Subtotals							$ 35,250.00			$ -	**$ 8,079.80**
						6.5% Sales Tax		$ 2,291.25				
								$ 37,541.25			Material +Tax	$ 37,541.25
											Labor Cost	$ 8,079.80
											Sub Total	$ 45,621.05
										Mark-Up	12%	$ 5,474.53
												$ 51,095.58
										GC Mark-up	8%	$ 4,087.65
											Total estimated	$ 55,183.22

GREATER ORLANDO AVIATION AUTHORITY
Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

CHANGE ORDER AGENDA
FOR CONSTRUCTION COMMITTEE

CHANGE ORDER NO.	**09**	**AMOUNT**	**$39,994.74**	**Extension Of Time (Subst.):**	**0 Days**
				Extension Of Time (Final):	**0 Days**

CONTRACT NO. & DESCRIPTION: BP-S00199 Train Station PDL Parking Lots (D/B)

DATE: 12/19/23

CONTRACTOR: The Middlesex Corporation

A/E: N/A

DESCRIPTION OF CHANGE TO CONTRACT:

Item #1: Provide all labor, material, and equipment to install two (2) 4-inch schedule 40 PVC conduits for the future electric vehicle charging stations at each of the three (3) Surface Lots. Work includes an open cut trench installation approximately 45 linear feet in length for the conduits at Surface Lot 3, and approximately 240 linear feet of directional drilling for the conduits for Surface Lots 1 and 2, and installation of three (3) 30"x48x36" quazite electrical pull boxes. This item replaces Field Change Order No. 4.
Add: $34,485.74

Item #2: Provide three (3) light fixtures for the new light poles installed in Surface Lots 1, 2, and 3 to be turned over to Owner as attic stock.
Add: $5,509.00

(The language above will be exactly what will appear on the actual Change Order under "Description of Change".)

REASON FOR CHANGE:

Item #1: Owner Request. This change was requested by Construction and is for the installation of electric vehicle (EV) conduit infrastructure, from the OUC proposed future transformer locations, at each of the three (3) surface parking lots, to the electrical panel rack where future EV distribution panels will be mounted. This infrastructure is to prepare for future EV charging stations to minimize construction demolition of roadways and parking lots when EV charging stations will be installed by others in the future.

Item #2: Owner Request. This request for attic stock was made by GOAA Facilities.

SOURCE OF FUNDS: Authority Funds

Is above change within the intended scope of the original contract? Yes ☒ No ☐

EXPLAIN: Additional parking spaces was requested during construction of the original base scope.

Previously Presented Bulletin(s):	N/A	(Copy Attached)
Previously Approved Field Change Order(s):	4	(Copy Attached)

Contractor's Original RCO Submission	$ 42,943.00	
GOAA/OAR Estimate	$ 43,124.76	
(a) Change Contract Amount By		**$ 39,994.74**
(b) Amount of Associated Additional A/E Fees	(Not for Approval / For Info. Only)	$ 0.00
(c) Amount of Associated Additional OAR Fees	(Not for Approval / For Info. Only)	$ 0.00
(d) Total Cost Impact of this Change (d = a + b + c)		**$ 39,994.74**

Is there any potential backcharge to the A/E? Yes ☐ No ☒	Omissions	$ 0.00
	Errors	$

PREPARED BY: Jamie McGonagill, GCI

PHONE: x6565

CC ITEM III-B 12/19/2023

*NOTE: All Agenda Items are to be submitted to **GOAA's Construction-Engineering-Financial (CEF) Consultant** (i.e.,Anser Advisory, LLC). The deadline for the agenda items is **no later than 3:00 p.m. on Tuesdays, two weeks** preceding the intended Construction Committee meeting.*

GOAA's CEF Consultant	Date Received:	Date Review Completed:	Initials of Reviewer:	Verification of Funding by CF
ANSER ADVISORY	12/06/2023	12/13/2023	ZTG	Melvin Martinez

GREATER ORLANDO AVIATION AUTHORITY

FIELD CHANGE ORDER REQUEST

FIELD CHANGE ORDER NO.: 04	**REQUEST DATE:** 10/19/2023
PROJECT NO. & DESCRIPTION: BP-S00199 Train Station PDL Parking Lots (Design/Build)	
CONTRACTOR: The Middlesex Corporation	**A/E:** N/A
PM/OAR: Jamie McGonagill	**PHONE:** 407-948-5698 (c)

THIS DOCUMENT WHEN BEARING THE SIGNATURE OF APPROVAL OF THE OWNER AUTHORIZES THE CONTRACTOR TO PROCEED IMMEDIATELY WITH THE UNDERMENTIONED CHANGES TO THE CONTRACT.

THE CONTRACTOR IS REQUESTED TO REVIEW THE DESCRIPTION OF CHANGE AND METHOD INTENDED TO ADJUST THE CONTRACT AMOUNT/TIME AND SIGN IN THE BOX MARKED CONTRACTOR'S ACCEPTANCE. UPON SIGNATURE, PLEASE RETURN TO OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY.

DESCRIPTION OF CHANGE:

Provide all labor, material, and equipment to install two additional 4-inch conduits for the future EV charging stations at each of the three Surface Lots. Includes open cut installation of conduits in Surface Lot A, and directional drilling of conduits in Surface Lots B and C.

TOTAL COST: $ 37,434.00	**CHANGE TO CONTRACT TIME (DAYS):** 0

EVALUATION OF CHANGE IN CONTRACT AMOUNT AND TIME:

IT IS AGREED THAT THE VALUE OF THE FIELD CHANGE ORDER SHALL BE DETERMINED BY ONE OR MORE OF THE FOLLOWING METHODS:

- ☒ BY ESTIMATE AND ACCEPTANCE OF A LUMP SUM QUOTATION
- ☐ BY ESTIMATE AND ACCEPTANCE OF A NOT-TO-EXCEED QUOTATION
- ☐ BY UNIT PRICES SET OUT IN THE CONTRACT OR SUBSEQUENTLY AGREED UPON
- ☐ BY FORCE ACCOUNT USING ABOVE RATES FOR LABOR, MATERIALS, EQUIPMENT

REFERENCE BULLETIN(S):

CONTRACTOR'S ACCEPTANCE:

SIGNATURE & DATE: See Attached.

PRINTED NAME: _____

INITIAL FUNDING CONFIRMATION:

FUNDS ARE AVAILABLE WITHIN THE PROJECT TO COVER THIS COST: INITIALS: JA DATE: Oct 23, 2023

APPROVAL TO PROCEED:

SIGNATURE & DATE: Oct 24, 2023

GOAA CONSTRUCTION COMMITTEE CHAIR

ELIGIBILITY: Johanna Arriaga boxSIGN 46ZYPL7P-4KQP36LW

BPS00199 FCO 04 1... **CFOC REQUIRED:** No

INTERNAL FUNDING REVIEW:

SIGNATURE & DATE: Melvin Martinez Oct 25, 2023

GOAA FINANCE

GREATER ORLANDO AVIATION AUTHORITY

FIELD CHANGE ORDER *[1 Original]**

FIELD CHANGE ORDER (FCO) NO.:	04	FCO ISSUE DATE:	10/19/23
CONTRACT NO. & DESCRIPTION:	BP-S00199 Train Station PDL Parking Lots (D/B)		
CONTRACTOR:	The Middlesex Corporation		
A/E:	C&S Companies		

THIS DOCUMENT WHEN BEARING THE SIGNATURE OF APPROVAL OF THE OWNER AUTHORIZES THE CONTRACTOR TO PROCEED IMMEDIATELY WITH THE UNDERMENTIONED CHANGES TO THE CONTRACT.

THE CONTRACTOR IS REQUESTED TO REVIEW THE DESCRIPTION OF CHANGE AND METHOD INTENDED TO ADJUST THE CONTRACT AMOUNT/TIME AND SIGN IN THE BOX MARKED CONTRACTOR'S ACCEPTANCE. UPON SIGNATURE, PLEASE RETURN TO OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY.

DESCRIPTION OF CHANGE:

Provide all labor, material, and equipment to install two (2) additional 4-inch conduits for the future EV charging stations at each of the three Surface Lots. Includes open cut installation of conduits in Surface Lot A, and directional drilling of conduits in Surface Lots B and C.

COST NTE: $37,434.00

EVALUATION OF CHANGE IN CONTRACT AMOUNT AND TIME:

IT IS AGREED THAT THE VALUE OF THE FIELD CHANGE ORDER SHALL BE DETERMINED BY ONE OR MORE OF THE FOLLOWING METHODS:

- ☒ BY ESTIMATE AND ACCEPTANCE OF A LUMP SUM QUOTATION
- ☐ BY ESTIMATE AND ACCEPTANCE OF A NOT-TO-EXCEED QUOTATION
- ☐ BY UNIT PRICES SET OUT IN THE CONTRACT OR SUBSEQUENTLY AGREED UPON
- ☐ BY FORCE ACCOUNT USING ABOVE RATES FOR LABOR, MATERIALS, EQUIPMENT

- ☒ CONTRACT TIME IS UNCHANGED
- ☐ CONTRACT TIME CHANGED BY _____ CALENDAR DAYS

FUNDING SOURCE: Line of Credit to be Reimbursed by Authority Funds

Reference Bulletin(s): N/A

CONTRACTOR'S ACCEPTANCE:

CONTRACTOR: _____ DATE: 10/23/23

WITNESS: _____ DATE: 10/23/23

ACCEPTED AND APPROVAL TO PROCEED:

GOAA SR. VP CAPITAL PROGRAMS: _____ DATE: _____

GOAA CONSTRUCTION COMMITTEE CHAIR:

_____ DATE: _____

FOR INTERNAL USE ONLY

GOAA FINANCE: _____			DATE: _____
PREPARED BY: Jamie McGonagill			PHONE: X6565
GOAA's CEF Consultant	Date Received:	Date Review Completed:	Initials of Reviewer:

**Fully Executed Original to be provided to Project Controls for electronic distribution.*

GREATER ORLANDO AVIATION AUTHORITY
Orlando International Airport
11312 Terminal C Service Road
Orlando, Florida 32824

FIELD CHANGE ORDER (FCO)
EMERGENCY JUSTIFICATION

CONTRACT NO.: BP-S00199 CONTRACT NAME: Train Station PDL Parking Lots (D/B)

REFERENCE FIELD CHANGE ORDER NO.: 04

Specific Reason for Field Change Order / Emergency Justification:

The project has a short duration and an FCO is required to not delay the project completion and turnover of the parking lots for revenue service.

Causes:

Owner Request. Installation of EV conduits in preparation for future EV charging stations to minimize construction demolition when EV charging stations will be installed by others in the future.

Impacts of Change Order (Costs/Time):

The estimated cost for these services is not to exced $37,434.00
No time extension is anticipated for this work.

Record of Negotiations / Justifications for Abnormal Costs:

Receipt and acceptance of a Not to Exceed proposal.

Funding Source:

Line of Credit to be Reimbursed by Authority Funds

(Attach any additional documents as necessary.)

Prepared by: GCI / Jamie McGonagill / 10/19/23
Company / Name / Date

Jamie McGonagill
GOAA OAR -
GCI

August 1st, 2023

Re: GOAA BP-S00199 Train Station PDL Parking Lots Design-Build – 4" Conduits for Future EV Charging Stations

Dear Mr. McGonagill,

The Middlesex Corporation (TMC) hereby provides its lump sum cost proposal of **$37,434** to install two (2) additional 4"conduits for the future EV charging stations at each of the three Surface Lots 1. The scope of work includes open cut installation of the conduits in Surface Lot 1, and directional drilling of the conduits in Surface Lots 2 and 3.

If you have any questions about the above proposal, please feel free to call me at 978-501-2358.

Sincerely,

THE MIDDLESEX CORPORATION

Peter Donkor
Project Manager
Cc. Neil Mulrooney – Sr. VP of Construction
Cary Strzepek – Project Executive7/13/
Jake Shumway – Assistant Project Manager
Francis Stella - Assistant Project Manager

THE MIDDLESEX CORPORATION 10801 Cosmonaut Blvd Orlando, FL 32824 Ph: (407) 206-0077 Fax: (407) 206-3559	Project Description Confidential Financial Proprietary Information Exempt From Public Records law Pursuant To Chapter 119 And Florida Stature S.815.045. Pricing Specific To The OIA South Terminal Project And May Not Be Used Against Subcontractor On Any Future Project At GOAA Or Elsewhere.	GOAA	TMC Project:	2130
DESCRIPTION OF WORK / DELAY: BP-S00199 GOAA Train Station PDL Parking Lots - 4" Conduits for Future EV Chargers		$37,434	Contract:	BP-S-00199
			Date:	8/1/2023

LABOR

	DESCRIPTION	QTY	TOTAL HOURS	RATE	AMOUNT
	Survey - Crew	1	10	191.90	$ 1,919.00
	Labor Subtotal				$ 1,919.00
	Markup:			12.00%	$ 230.28
	TOTAL LABOR COSTS:				$ 2,149.28

EQUIPMENT

DESCRIPTION	QTY	TOTAL HOURS	RATE	AMOUNT
Equipment Subtotal				$ -
Markup:			12.00%	$ -
TOTAL EQUIPMENT COSTS:				$ -

MATERIAL

DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
Material Subtotal				$ -
Orange County Tax (Surcharge 6.5% up to 5,000)		$ -	6.50%	$ -
Sales Tax - Over $5,000				
Material Total				$ -
Markup:			8%	$ -
TOTAL MATERIAL COSTS:				$ -

SUBCONTRACTOR / OUTSIDE SERVICE

DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
Design Services				
Transportation Systems Inc,	1.00	LS	$ 32,671.00	$ 32,671.00
Subcontractor / Out Service Subtotal				$ 32,671.00
Markup:			8.00%	$2,613.68
TOTAL SUBCONTRACTOR / OUTSIDE SERVICE COSTS:				$ 35,284.68

Additional Notes / Description:

TOTAL AMOUNTS	
LABOR	$2,149.28
EQUIPMENT	
MATERIALS	
SUBCONTRACTORS / OUTSIDE SERVICES	$35,284.68
SUB-TOTAL	$37,433.96
Bond	
TOTAL	**$37,433.96**

Jamie McGonagill
GOAA OAR -
GCI

November 30th, 2023

Re: GOAA BP-S00199 Train Station PDL Parking Lots Design-Build – 4" Conduits for Future EV Charging Stations Rev

Dear Mr. McGonagill,

The Middlesex Corporation (TMC) hereby provides its lump sum cost proposal of **$34,486** to install two (2) additional 4"conduits for the future EV charging stations at each of the three Surface Lots 1. The scope of work includes open cut installation of the conduits in Surface Lot 1, and directional drilling of the conduits in Surface Lots 2 and 3.

There are no schedule impacts associated with this additional scope. If you have any questions about the above proposal, please feel free to call me at 978-230-5000.

Sincerely,

THE MIDDLESEX CORPORATION

Jake Shumway
As. Project Manager
Cc. Neil Mulrooney – Sr. VP of Construction
Cary Strzepek – Project Executive
Peter Donkor –Project Manager
Francis Stella - Project Manager

THE MIDDLESEX CORPORATION 10801 Cosmonaut Blvd Orlando, FL 32824 Ph: (407) 206-0077 Fax: (407) 206-3559	Project Description Confidential Financial Proprietary Information Exempt From Public Records law Pursuant To Chapter 119 And Florida Stature S.815.045. Pricing Specific To The OIA South Terminal Project And May Not Be Used Against Subcontractor On Any Future Project At GOAA Or Elsewhere.	GOAA	TMC Project:	2130
DESCRIPTION OF WORK / DELAY: BP-S00199 GOAA Train Station PDL Parking Lots - 4" Conduits for Future EV Chargers		$34,486	Contract:	BP-S-00199
			Date:	11/30/2023

LABOR

DESCRIPTION	QTY	TOTAL HOURS	RATE	AMOUNT

TRANSPORTATION SYSTEMS INC.
575 Cooper Industrial Parkway
Apopka, FL 32703

July 25, 2023

RE: BPS-199 GOAA Brightline Passenger Drop Off Lobby Parking Lots (EV 2W4)

To Whom it May Concern,

The following price proposal includes the material, equipment, and labor to install (2) 2W4 directional bores and (1) open cut trench for the future EV charging station raceways. One will cross the Loop Rd. for Surface Lot 1 and the other, also the Loop Rd., for Surface Lot 3. Proposal includes open trenching to install the (1) 2W4 for Surface Lot 1.

TOTAL: $31,931.24

Thank you,

Tim Brownell

GOAA South Terminal C Phase 1
BRIGHTLINE PASSENGER DROP OFF LOBBY PARKING LOT
Pricing Document

Subcontractor Name & Address: Transportation Systems Inc. **575 Cooper Industrial Parkway Apopka, FL 32703**			**July 25, 2023** **2W4 FOR FUTURE EV CHARGERS**		
Scope of Work	**Unit of Measure**	**Qty**	**Unit Cost**	**Total Amount**	**Total Amount**
Labor					
FOREMAN	HR	9.0	$ 42.60	$382.97	
LABORER (UNSKILLED)	HR	9.0	$ 24.85	$223.40	
EQUIPMENT OPERATOR	HR	9.0	$ 39.76	$357.44	
LABORER (UNSKILLED)	HR	9.0	$ 24.85	$223.40	
LABORER (UNSKILLED)	HR	9.0	$ 24.85	$223.40	
			Subtotal Labor	**$1,410.62**	
Company Owned Equipment (Non Taxable)					
TSI 3/4 TON PICKUP	DY	1	$201	$201.00	
TSI FLATBED TRUCK	DY	2	$268	$536.00	
			Subtotal Company Owned Equipment	**$737.00**	
Outside Rental Equipment (Taxable)					
24" PLATE COMPACTOR	DY	1	$180.00	$180.00	
SMALL TRACK HOE	DY	2	$200.00	$400.00	
AIR COMPRESSOR	DY	2	$75.00	$150.00	
JUMPING JACK COMPACTOR	DY	1	$150.00	$150.00	
				$-	
				$-	
				$-	
			Subtotal OSR Equipment	**$880.00**	
Tax Calculation #1 - 6.5% on the 1st $5000 of OSR Equipment				$57.20	
Tax Calculation #2 - 6% on the balance of OSR Equipment				$ -	
Total Outside Rental Equipment with Tax				**$937.20**	
Materials (Taxable)					
SEE ATTACHED BACKUP	LS	1	$9,811.53	$9,811.53	
				$ -	
			Subtotal Materials	$9,811.53	
Tax Calculation #1 - 6.5% on the 1st $5000 of Material Cost				$325.00	
Tax Calculation #2 - 6% on the balance of Material Cost				$ 288.69	
			Total Materials with Tax	**$10,425.22**	
Subcontracts (including any DBE)	**Indicate Category (M, L, D)**				
HDD	N/A			$15,000.00	
				$ -	
Total Subcontracts				**$15,000.00**	
Subtotal of ALL Categories Above					**$ 28,510.04**
Mark-up on Material, Equipment, and Labor 12.00%					$ 1,621.20
Mark-up on Subcontracts 12.00%					$ 1,800.00
Total					**$ 31,931.24**

TRANSPORTATION SYSTEMS INC.
BID BREAKDOWN

Job Name: GOAA BRIGHTLINE PASSENGER DROP OFF LOTS EV CHARGERS
Project №: BPS 199
Bid Phase:

Bid Date: 7/25/23
Estimator:
Location:

Bid Item Breakout	Unit	Quantity	Material Total	Labor Total
2W4 DIRECTIONAL BORE FOR FUTURE EV CHARGERS	LF	240	$ 2,880.00	
2W4 OPEN CUT	LF	45	$ 6,931.53	48.15
			$ -	-
			$ -	-
			$ -	-

TRANSPORTATION SYSTEMS INC.
SUMMARY OF UNIT PRICES

Job: GOAA BRIGHTLINE PASSENGER DROP OFF LOTS EV CHARGERS *Bid Date:* Tuesday, July 25, 2023

Project №: BPS 199 *Location:* 0

Item	Description	Unit	Qty.	Unit Price	Total
1	2W4 DIRECTIONAL BORE FOR FUTURE EV CHARGERS	LF	240	$ 74.50	$ 17,880.00
2	2W4 OPEN CUT	LF	45	$ 312.25	$ 14,051.24
3	0	0	0	$ -	$ -
4	0	0	0	$ -	$ -
5	0	0	0	$ -	$ -
6	0	0	0	$ -	$ -
7	0	0	0	$ -	$ -
8	0	0	0	$ -	$ -
9	0	0	0	$ -	$ -
10	0	0	0	$ -	$ -
11	0	0	0	$ -	$ -
12	0	0	0	$ -	$ -
13	0	0	0	$ -	$ -
14	0	0	0	$ -	$ -
15	0	0	0	$ -	$ -
16	0	0	0	$ -	$ -
17	0	0	0	$ -	$ -
18	0	0	0	$ -	$ -
19	0	0	0	$ -	$ -
20	0	0	0	$ -	$ -
21	0	0	0	$ -	$ -
22	0	0	0	$ -	$ -
23	0	0	0	$ -	$ -
24	0	0	0	$ -	$ -
25	0	0	0	$ -	$ -
26	0	0	0	$ -	$ -
27		0	0	$ -	$ -
28	0	0	0	$ -	$ -
29	0	0	0	$ -	$ -
30	0	0	0	$ -	$ -
31	0	0	0	$ -	$ -
32	0	0	0	$ -	$ -
33	0	0	0	$ -	$ -
34	0	0	0	$ -	$ -
35	0	0	0	$ -	$ -
36	0	0	0	$ -	$ -
37	0	0	0	$ -	$ -
38	0	0	0	$ -	$ -
39	0	0	0	$ -	$ -
40	0	0	0	$ -	$ -
41	0	0	0	$ -	$ -
42	0	0	0	$ -	$ -
43	0	0	0	$ -	$ -
44	0	0	0	$ -	$ -
45	0	0	0	$ -	$ -
	Total Sell Price For Electrical Work				**$ 31,931.24**

TRANSPORTATION SYSTEMS INC.

EQUIPMENT / GENERAL EXPENSE

DESCRIPTION	QTY	# OF	PER	HOURLY	DAILY	WEEKLY	MONTHLY	TOTAL
CELL PHONE					$4.25	$21.25	$85.00	$0.00
TRAVEL EXPENSE				$500.00	$750.00	$1,000.00	$2,500.00	$0.00
STORAGE TRAILER							$200.00	$0.00
PORTABLE TOILET						$12.50	$50.00	$0.00
DRUG TEST							$50.00	$0.00
FIRST AID SUPPLIES							$75.00	$0.00
SAFETY EQUIPMENT							$75.00	$0.00
JOB SITE OFFICE TRAILER							$500.00	$0.00
JOB SITE OFFICE SUPPLIES							$50.00	$0.00
COPY MACHINE							$200.00	$0.00
SUNPASS					$3.75	$18.75	$75.00	$0.00
ELECTRICAL PERMIT FEE				$250.00	$500.00	$1,000.00	$5,000.00	$0.00
DUMPSTER							$175.00	$0.00
FUEL					$10.00	$50.00	$200.00	$0.00
CONTINGENCY				$1.00	$50.00	$250.00	$1,000.00	$0.00
CHOP SAW				$5.63	$45.00	$180.00	$450.00	$0.00
AIR COMPRESSOR	1	2	DY	$9.38	$75.00	$260.00	$675.00	$150.00
JACK HAMMER				$9.38	$75.00	$260.00	$675.00	$0.00
GROUND ROD DRIVER 60LB TO 90LB				$0.75	$6.00	$26.00	$65.00	$0.00
AIR BREAKER				$4.63	$37.00	$148.00	$370.00	$0.00
GENERATOR 2500 WATT				$3.75	$30.00	$75.00	$300.00	$0.00
ELECTRIC CONCRETE VIBRATOR; 2.5 HP				$4.38	$35.00	$140.00	$350.00	$0.00
JUMPING JACK COMPACTOR	1	2	DY	$9.38	$75.00	$300.00	$750.00	$150.00
20" PLATE COMPACTOR				$5.63	$45.00	$162.00	$360.00	$0.00
24" PLATE COMPACTOR	1	2	DY	$11.25	$90.00	$225.00	$675.00	$180.00
ROLLING COMPACTOR; WALK BEHIND				$9.38	$75.00	$225.00	$675.00	$0.00
								$0.00
BUCKET TRUCK				$60.63	$485.00	$1,300.00	$2,700.00	$0.00
FLATBED TRUCK	1	2	DY	$33.54	$268.00	$802.00	$1,005.53	$536.00
CRANE				$0.00	$1,000.00	$5,000.00	$18,000.00	$0.00
PLATFORM TRUCK				$65.00	$100.00	$200.00	$800.00	$0.00
BOOM TRUCK; 15 TON; 60' REACH				$41.63	$333.00	$1,080.00	$3,250.00	$0.00
BOOM TRUCK; 20 TON				$78.13	$625.00	$1,675.00	$4,900.00	$0.00
PICKUP TRUCK 3/4 TON	1	2	DY	$25.22	$201.00	$605.00	$792.92	$201.00
DUMP TRUCK; 6 CY BED				$20.00	$160.00	$495.00	$1,450.00	$0.00
ALTEC LINE TRUCK (BUCKET/AUGER)				$15.00	$120.00	$450.00	$1,570.00	$0.00
TRAILER				$6.25	$50.00		$500.00	$0.00
LARGE TRACK HOE				$96.88	$775.00	$2,300.00	$6,900.00	$0.00
MEDIUM TRACK HOE				$58.75	$470.00	$1,400.00	$4,000.00	$0.00
SMALL TRACK HOE	1	2	DY	$25.00	$200.00	$1,225.00	$2,650.00	$400.00
DITCH WITCH; RIDE ON				$23.13	$185.00	$550.00	$1,500.00	$0.00
BACKHOE				$22.50	$180.00	$430.00	$1,350.00	$0.00
RIDE ON DITCH PLOW				$0.00	$0.00	$2,612.50	$9,500.00	$0.00
BOBCAT				$18.13	$145.00	$550.00	$1,500.00	$0.00
TRENCH BOX; 6'W x 8'D x 8'L				$15.63	$125.00	$300.00	$900.00	$0.00
TRENCH BOX; 10'W x 10'D x 20'L				$21.88	$175.00	$750.00	$2,100.00	$0.00
MUD HOG PUMP				$6.50	$52.00	$208.00	$520.00	$0.00
REEL TRAILER				$15.00	$120.00	$450.00	$1,200.00	$0.00
MAGNETIC DRILL PRES				$7.00	$56.00	$183.00	$518.00	$0.00
CORE DRILL				$7.50	$60.00	$240.00	$1,100.00	$0.00
SCISSOR LIFT; 32'				$16.25	$130.00	$245.00	$590.00	$0.00
BOOM LIFT; 45'				$25.63	$205.00	$400.00	$1,040.00	$0.00
BOOM LIFT; 65'				$30.63	$245.00	$490.00	$1,450.00	$0.00
LIGHT TOWER				$10.00	$80.00	$160.00	$400.00	$0.00
								$0.00
							TOTAL	**$1,617.00**

TRANSPORTATION SYSTEMS INC.
SUBCONTRACTORS

Job Name: GOAA BRIGHTLINE PASSENGER DROP OF
Project ID: BPS 199

Bid Date: 7/25/23
Location: 0

Sub Name/Activity of Work	*Phase Which The Sub Applies To*	*Quoted Amount*
HDD (HORIZONTAL DIRECTIONAL DRILLING)		$ 15,000.00
(1) 2W4 for Lot B and (1) 2W4 for Lot C		

TRANSPORTATION SYSTEMS INC.

Job Name: GOAA BRIGHTLINE PASSENGER DROP OFF LOTS
Project ID: BPS 199

Bid Date: 7/25/23

Location: 0

Bid Item: 2W4 DIRECTIONAL BORES FOR THE FUTURE EV CHARGERS

Description	Unit	Quantity	Material	Material Total	Labor Hour	Labor Total
2W4 HDPE BORE	LF	480	$ 6.00	$ 2,880.00		

TRANSPORTATION SYSTEMS INC.

Job Name: GOAA BRIGHTLINE PASSENGER DROP OFF LOTS EV CHARGERS
Project ID: BPS 199

Bid Date: 7/25/23

Location: 0

Bid Item: 2W4 OPEN CUT

Description	Unit	Quantity	Material	Material Total	Labor Hour	Labor Total
30X48X36 QUAZITE BOX "ELECTRIC" LID	EA	3	$ 2,004.00	$ 6,012.00	5.000	15.00
2W4 SCH 40 PVC CONDUIT	LF	90	$ 6.64	$ 597.60	0.080	7.20
				$ -		-
PVC CEMENT	EA	1	$ 9.54	$ 9.54	1.000	1.00
METAL DETECTABLE ELECTRIC WARNING TAPE	EA	1	$ 29.05	$ 29.05	1.000	1.00
JET LINE 210 LB	EA	1	$ 35.96	$ 35.96	3.000	3.00
.33 CY BAG OF 3/4" STONE FOR SETTING PULL BOXES	EA	3	$ 68.98	$ 206.94	1.000	3.00
4" PVC END CAPS	EA	12	$ 3.37	$ 40.44	0.150	1.80
				$ -		-
				$ -		-
				$ -		-
EXCAVATION				$ -		-
24"W X 36"D X 45'L	LF	45		$ -	0.178	8.00
BACKFILL AND COMPACT	LF	45		$ -	0.178	8.00
SPOILS	CY/LOT	1		$ -	0.150	0.15
				$ -		-
				$ -		-
				$ -		-

Price Proposal

HDD OF FLORIDA LLC
P.O.BOX 2125
WINTER PARK FL 32790

Date: July 17, 2023

To: TSI
575 Cooper Industrial Park
Apopka, FL 32703

PROJECT NO.	JOB NAME/LOCATION	PAYMENT TERMS
	GOAA BPS 199 EV CHARGERS	NET 30

QTY	ITEM #	DESCRIPTION	UNIT PRICE	LINE TOTAL
1		2W4" HDPE DIRECTIONAL BORE @ 160 LF	$ 10,000.00	$ 10,000.00
1		2W4" HDPE DIRECTIONAL BORE @ 80 LF	$ 5,000.00	$ 5,000.00
			Total	$ 15,000.00

Make all checks payable to: HDD OF FLORIDA LLC
(P) 352-348-4046 / (F) 352-394-3110
HDDOFFLORIDA@GMAIL.COM

TRANSPORTATION SYSTEMS INC.
575 COOPER INDUSTRIAL PARKWAY
APOPKA, FL 32703

TSI EQUIPMENT RATES 2023

			A	B	(A + B)
Description	Monthly Total Cost	Monthly Total Cost At 50%	Monthly Total Cost At 50% Divided By 176	Estimated Operating Cost Per HR	Total Hourly Rate
1/2 Ton Pickup Truck	$ 689.50	$ 344.75	$ 1.96	$ 15.73	$ 17.69
3/4 Ton Truck	$ 792.92	$ 396.46	$ 2.25	$ 22.97	$ 25.22
Flatbed Truck	$ 1,005.53	$ 502.77	$ 2.86	$ 30.68	$ 33.54
Bucket Truck	$ 2,250.00	$ 1,125.00	$ 6.39	$ 26.11	$ 32.50
Boom Truck (15 Ton/ 60' Reach)	$ 2,500.00	$ 1,250.00	$ 7.10	$ 19.90	$ 27.00
Scissor Lift - 40ft	$ 5,206.05	$ 2,603.03	$ 14.79	$ 18.74	$ 33.53
RT Forklift 8000#	$ 11,990.04	$ 5,995.02	$ 34.06	$ 55.89	$ 31.97
Rubber-Tire Backhoe - 420E	$ 6,208.83	$ 3,104.42	$ 17.64	$ 38.57	$ 56.21
Ditch Witch (Ride On) 36" Depth	$ 1,500.00	$ 750.00	$ 4.26	$ 9.49	$ 13.75
Mini Excavator (Bobcat)	$ 8,504.02	$ 4,252.01	$ 24.16	$ 37.33	$ 61.49
Rubber-Tire Backhoe - 420E	$ 3,399.82	$ 1,699.91	$ 9.66	$ 23.60	$ 33.26
Pump - 3" - 4" Trash	$ 324.06	$ 162.03	$ 0.92	$ 5.76	$ 6.68
Pump - 6" - 8" Trash	$ 4,207.87	$ 2,103.94	$ 11.95	$ 37.37	$ 49.32
Generator (2500 Watt)	$ 500.00	$ 250.00	$ 1.42	$ 0.45	$ 1.88

TRANSPORTATION SYSTEMS INC.

575 Cooper Industrial Parkway
Apopka, FL 32703

Craft	Total Rate w/Burden	Labor Burden	Labor Burden %	Base Rate	Overtime Rate = Base Rate x 1.5	Total O.T. Rate w/30% Labor Burden	Blended Hourly Rate
SUPERVISOR	$ 49.70	$ 14.70	0.42	$ 35.00	$ 52.50	$ 68.25	$ 55.88
FOREMAN	$ 42.60	$ 12.60	0.42	$ 30.00	$ 45.00	$ 58.50	$ 47.90
ITS TECHNICIAN	$ 39.05	$ 11.55	0.42	$ 27.50	$ 41.25	$ 53.63	$ 43.91
FOC INSTALLER (SKILLED)	$ 35.50	$ 10.50	0.42	$ 25.00	$ 37.50	$ 48.75	$ 39.92
FOC INSTALLER (UNSKILLED)	$ 31.24	$ 9.24	0.42	$ 22.00	$ 33.00	$ 42.90	$ 35.13
LABORER (SKILLED)	$ 31.24	$ 9.24	0.42	$ 22.00	$ 33.00	$ 42.90	$ 35.13
LABORER (UNSKILLED)	$ 24.85	$ 7.35	0.42	$ 17.50	$ 26.25	$ 34.13	$ 27.94
ELECTRICIAN	$ 42.60	$ 12.60	0.42	$ 30.00	$ 45.00	$ 58.50	$ 47.90
AUGER OPERATOR	$ 39.05	$ 11.55	0.42	$ 27.50	$ 41.25	$ 53.63	$ 43.91
BACKHOE OPERATOR	$ 28.40	$ 8.40	0.42	$ 20.00	$ 30.00	$ 39.00	$ 31.93
BOOM OPERATOR	$ 35.50	$ 10.50	0.42	$ 25.00	$ 37.50	$ 48.75	$ 39.92
CRANE OPERATOR	$ 36.92	$ 10.92	0.42	$ 26.00	$ 39.00	$ 50.70	$ 41.51
EQUIPMENT OPERATOR	$ 39.76	$ 11.76	0.42	$ 28.00	$ 42.00	$ 54.60	$ 44.71
PLOW OPERATOR	$ 39.76	$ 11.76	0.42	$ 28.00	$ 42.00	$ 54.60	$ 44.71
DIRECTIONAL BORE OPERATOR	$ 39.76	$ 11.76	0.42	$ 28.00	$ 42.00	$ 54.60	$ 44.71
TRENCH OPERATOR (SKILLED)	$ 39.76	$ 11.76	0.42	$ 28.00	$ 42.00	$ 54.60	$ 44.71
TRENCH CONDUIT LABORER (UNSKILLED)	$ 26.63	$ 7.88	0.42	$ 18.75	$ 28.13	$ 36.56	$ 29.94
CONCRETE FINISHER	$ 26.63	$ 7.88	0.42	$ 18.75	$ 28.13	$ 36.56	$ 29.94
TRAFFIC SIGNAL INSTALLER (SKILLED)	$ 38.34	$ 11.34	0.42	$ 27.00	$ 40.50	$ 52.65	$ 43.11
TRAFFIC SIGNAL INSTALLER (UNSKILLED)	$ 25.56	$ 7.56	0.42	$ 18.00	$ 27.00	$ 35.10	$ 28.74
MECHANIC	$ 35.50	$ 10.50	0.42	$ 25.00	$ 37.50	$ 48.75	$ 39.92
ADMINISTRATIVE ASSISTANT	$ 32.66	$ 9.66	0.42	$ 23.00	$ 34.50	$ 44.85	$ 36.72

Purchase Order

Transportation Systems Inc.

Vendor Rainbow Distributors USA, Inc.
PO Box 952946
Lake Mary, FL 32795

Date July 6, 2023

Ship to TSI
11400 Terminal C Service Rd
Orlando, FL 32827

Contract No. Q070623-8
Purchase Order BPS 199 EV

Qty.	Description	Unit Price	Unit	Extension
~~1~~	~~PG2436BA30FDOT HUBBELL, 24X36X30 BOX 196LB/EA BABA COMPLIANT FDOT APL 635-001-012~~	~~$ 617.00~~	~~EA~~	~~$ 617.00~~
3	HUBBEL, 30X48X36 BOX 343LB/EA BABA COMPLIANT FDOT APL 635-001-061	$ 1,189.00	EA	$ 3,567.00
3	HUBBE, 30X48 LID W/"ELECTRIC" 206LB/EA BABA COMPLIANT FDOT APL 635-001-061	$ 815.00	EA	$ 2,445.00
				$ -
				$ -
				$ -

Sub-Total		$	6,629.00
Tax(1st $5000)	7.0%	$	350.00
Tax(abv $5000)	7.0%	$	114.03
Total		$	7,093.03

PURCHASE ORDER TERMS AND CONDITIONS

1) This Purchase Order ("Order"), when accepted by Seller, shall constitute a valid and binding contract and is intended by Transportation Systems Inc. and Seller as the final, complete, and exclusive statement of the terms of their agreement. All other representations, promises, conditions, understandings, conversations, negotiations, proposals, and quotations shall be deemed to be merged in this order, and no modification of this Order will be effective unless approved by an authorized representative of Transportation Systems Inc. in writing.

2) No terms or condition other than those set forth in this Order shall be binding upon Transportation Systems Inc. unless accepted by an authorized representative of Transportation Systems Inc. in writing. Terms and conditions which are different from or in addition to the terms and conditions of this Order are hereby rejected by Transportation Systems Inc.

3) All labor performed and/or material and equipment furnished pursuant to this Order shall be subject to the approval of Transportation Systems Inc., the architect, the engineer, and or any other party designated by Transportation Systems Inc., prior to payment therefore. Seller shall furnish all information and bear all costs necessary for obtaining such approval. In the event approval is not obtained for all or part of the Order, all or part of this Order may be cancelled with no liability on the part of Transportation Systems Inc., and equipment may be returned to the Seller at Seller's expense.

4) Time is of the essence for the furnishing of all material and equipment pursuant to this Order. Transportation Systems Inc. reserves the right to cancel, without liability on the part of Transportation Systems Inc. all or any part of this Order if any or all of the material or equipment is not furnished within the time specified by Transportation Systems Inc.

5) Hold all Materials until released by a Transportation Systems Inc. representative

Signed	*Tim Brownell*	Signed	_____
Print	Tim Brownell	Print	_____
Company	Transportation Systems Inc.	Company	_____

WORLD electric
A Sonepar Company

WORLD ELECTRIC SUPPLY, INC.
500 E DONEGAN AVENUE
KISSIMMEE,FL 34744-1928
407-343-7800 *Fax* 407-343-0047

James.Lacey@worldelectricsupply.com

Quotation

QUOTE DATE	QUOTE NUMBER
06/27/23	S052293659
PAGE NO.	
1 of 2	

QUOTE TO:
TRANSPORTATION SYSTEMS INC.
575 COOPER INDUSTRIAL PARKWAY
APOPKA, FL 32703-6232
470-525-9940

SHIP TO:
TRANSPORTATION SYSTEMS INC.
575 COOPER INDUSTRIAL PARKWAY
APOPKA, FL 32703-6232
470-525-9940

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	JOB NAME	QUOTED TO
370562	POTENTIAL CHANGE ORDER		TIM

SALESPERSON	SHIP VIA	FREIGHT ALLOWED	EXPIRATION DATE
JAMES LACEY	PK PICK UP	No	11:59pm ET 07/12/23

ORDER QTY	UPC	DESCRIPTION	UNIT PRICE	U	EXT PRICE
12ea	980060S4049	PVCFIT 400P CPL 4IN PVC LONGLINE COUPLING	930.000	c	111.60
6ea	98002000170	GEL 400G90 4IN 90D GAL ELB 4 IN 90DEG GALV ELBOW	134.284	e	805.70
12ea	98006006250	PVCFIT 400P FA 4 IN PVC COND FEMALE ADAPTER	336.658	c	40.40
1ea	98006006971	PVC GLQTS-1 1 QT-CEMENT-W/BRUSH TOP	9.540	e	9.54
1ea	01581231107	EMP 31-107 3IN X 1000FT MAGNATEC RED PREMIUM DETECTABLE TAPE	29.050	e	29.05
1ea	78325031340	IDEAL 31-340 6500FT 210LB PULL LINE	35.964	e	35.96
320ft	98006006010	PVC 400P 4IN SCH40 PVC PIPE 4IN SCH40 PVC PIPE	664.373	c	2125.99
6300ft	98006006004	PVC 114P 1-1/4IN SCH40 PVC PIPE 1-1/4" SCH40 PVC PIPE	174.049	c	10965.09
80ea	98002000164	GEL 114G90 1-1/4 90D GAL ELB 1-1/4 90DEG GALV ELBOW	16.309	e	1304.72
160ea	98006006244	PVCFIT 114P FA 1-1/4 PVC COND FEMALE ADAPTER	62.605	c	100.17
1ea	71000827928	MVB‘ BI-GAL 1 GALLON BITUMASTIC	74.258	e	74.26

*** Continued on Next Page ***

WORLD electric
A Sonepar Company

WORLD ELECTRIC SUPPLY, INC.
500 E DONEGAN AVENUE
KISSIMMEE,FL 34744-1928
407-343-7800 ***Fax*** **407-343-0047**

James.Lacey@worldelectricsupply.com

Quotation

QUOTE DATE	QUOTE NUMBER
06/27/23	S052293659
PAGE NO.	
2 of 2	

QUOTE TO:
TRANSPORTATION SYSTEMS INC.
575 COOPER INDUSTRIAL PARKWAY
APOPKA, FL 32703-6232
470-525-9940

SHIP TO:
TRANSPORTATION SYSTEMS INC.
575 COOPER INDUSTRIAL PARKWAY
APOPKA, FL 32703-6232
470-525-9940

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	JOB NAME	QUOTED TO
370562	POTENTIAL CHANGE ORDER		TIM

SALESPERSON	SHIP VIA	FREIGHT ALLOWED	EXPIRATION DATE
JAMES LACEY	PK PICK UP	No	11:59pm ET 07/12/23

ORDER QTY	UPC	DESCRIPTION	UNIT PRICE	U	EXT PRICE
3ea	98006006971	PVC GLQTS-1 1 QT-CEMENT-W/BRUSH TOP	9.540	e	28.62
6ea	01581231107	EMP 31-107 3IN X 1000FT MAGNATEC RED PREMIUM DETECTABLE TAPE	29.050	e	174.30

TERMS & CONDITIONS
OUR PRODUCTS AND SERVICES ARE SUBJECT TO, AND GOVERNED EXCLUSIVELY BY, OUR TERMS AND CONDITIONS OF SALE, WHICH ARE INCORPORATED HEREIN AND AVAILABLE AT www.worldelectricsupply.com/terms. ADDITIONAL OR CONFLICTING TERMS ARE REJECTED, VOID, AND OF NO FORCE OR EFFECT. WIRE & PIPE PRICES ARE ONLY GOOD FOR THE CURRENT DAY.

Subtotal	**15805.40**
S&H CHGS	**0.00**
Sales Tax	**1023.32**
Amount Due	**16828.72**

FINAL DAY TO SHOP OUR BEST DEALS OF THE YEAR. SHOP NOW >

Search

S. Orlando Lowe's Open until 10 PM

Deli
3474

Prices, Promotions, styles, and availability may vary. Our local stores do not honor online pricing. Prices and availability of products and servic subject to change without notice. Errors will be corrected where discovered, and Lowe's reserves the right to revoke any stated offer and to cor any errors, inaccuracies or omissions including after an order has been submitted.

0.33-cu yard 556-lb Off-white Drainage Rock

Item #152978 | Model #903068

255

TODAY'S PRICE, NOT JULY'S, WHEN WE PRICED THIS CO.



$50.98 | ~~$68.98~~ **Save $18.00**

$48.43 when you choose 5% savings on eligible purchases every day. Learn how

3 monthly installments of $17.00 with Lowe's Pay Learn How

Drainage base for footings, posts and slabs
Use in landscaping projects
Use in custom concrete mixes

Pickup
Ready tomorrow

Delivery
As soon as Fri, Dec 1

FREE Pickup at S. Orlando Lowe's

33 in Stock **Aisle FRONT | Bay DROP ZONE**

Check Other Stores

1 + Add to Cart

Size, Color and Texture may vary by location

Easy & Free Returns
Return your new, unused item in-store or ship it back to us free of charge. Learn More

BETTER TOGETHER

CURRENT ITEM	Selected	Selected	Selected
0.33-cu yard 556-lb Off-white Drainage Rock $50.98 255			

Feedback

Chat

Quotation

Quote #: Q-244814-3
Delivery Date: 6/9/2023
Date: 6/8/2023
Expires On: 7/8/2023
PO Number:

General Rental
Orlando Branch
8151 N Orange Blossom Trl,
ORLANDO, FL 34523
Phone: (407) 273-7383
Email:

Ship To
Tim Brownell
BPS 199 Terminal C Parking Lots
11400 Terminal C Service Rd
Orlando, FL 32835
Office:(407) 525-9940
Mobile:(321) 410-9248
tbrownell@tsi-fl.com

Bill To
TRANSPORTATION SYSTEMS INC
575 Cooper Industrial Parkway
Apopka, FL 32703

SALESPERSON	PHONE	EMAIL	DELIVERY METHOD	TERMS
Wes Moon	(407) 698-6178	wmoon@synergyequip.com	Site Delivery	Net 30

Equipment Listing / Rental and Delivery Costs

Cat-Class	Product	Day	Week	4 Week
320-1240	COMPACT EXCAVATOR-3.5T-9-12' DEPTH (BC E 32, Takeuchi TB235 Doosan S035, CAT 303.5)	$360	$1,225	$2,650
		$360	$1,225	$2,650

Total Rental with Applicable Charges

	Day	Week	4 Week
Rental	$360.00	$897.00	$2,650.00
Environmental Fee (3%)			$79.50
Tax (Orange 6.5%)			$172.25
Loss Damage Waiver (15%)			$397.50
Total Freight			$300.00
TOTAL			**$3,599.25**

All Rates are based on a 8 Hour Day, 40 Hour Week & 160 Hour Month unless previously agreed upon in writing.
Quote valid for 30 Days & subject to availability. We look forward to earning your business!
Equipment Rental. Redefined.

Jamie McGonagill
GOAA OAR -
GCI

August 1st, 2023

Re: GOAA BP-S00199 Train Station PDL Parking Lots Design-Build – 4" Conduits for Future EV Charging Stations

Dear Mr. McGonagill,

The Middlesex Corporation (TMC) hereby provides its lump sum cost proposal of ~~**$37,434**~~ $36,513.61 to install two (2) additional 4"conduits for the future EV charging stations at each of the three Surface Lots 1. The scope of work includes open cut installation of the conduits in Surface Lot 1, and directional drilling of the conduits in Surface Lots 2 and 3.

If you have any questions about the above proposal, please feel free to call me at 978-501-2358.

Sincerely,

THE MIDDLESEX CORPORATION

Peter Donkor
Project Manager
Cc. Neil Mulrooney – Sr. VP of Construction
Cary Strzepek – Project Executive7/13/
Jake Shumway – Assistant Project Manager
Francis Stella - Assistant Project Manager

THE MIDDLESEX CORPORATION 10801 Cosmonaut Blvd Orlando, FL 32824 Ph: (407) 206-0077 Fax: (407) 206-3559	Project Description Confidential Financial Proprietary Information Exempt From Public Records law Pursuant To Chapter 119 And Florida Stature S.815.045. Pricing Specific To The OIA South Terminal Project And May Not Be Used Against Subcontractor On Any Future Project At GOAA Or Elsewhere.	GOAA	TMC Project:	2130
DESCRIPTION OF WORK / DELAY: BP-S00199 GOAA Train Station PDL Parking Lots - 4" Conduits for Future EV Chargers		~~$37,434~~ $36,513.61	Contract: Date:	BP-S-00199 8/1/2023

LABOR

	DESCRIPTION	QTY	TOTAL HOURS	RATE	AMOUNT
	Survey - Crew	1	10	191.90	$ 1,919.00
	Labor Subtotal				$ 1,919.00
	Markup:			12.00%	$ 230.28
	TOTAL LABOR COSTS:				$ 2,149.28

EQUIPMENT

DESCRIPTION	QTY	TOTAL HOURS	RATE	AMOUNT
Equipment Subtotal				$ -
Markup:			12.00%	$ -
TOTAL EQUIPMENT COSTS:				$ -

MATERIAL

DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
Material Subtotal				$ -
Orange County Tax (Surcharge 6.5% up to 5,000)		$ -	6.50%	$ -
Sales Tax - Over $5,000				
Material Total				$ -
Markup:			8%	$ -
TOTAL MATERIAL COSTS:				$ -

SUBCONTRACTOR / OUTSIDE SERVICE

DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT	
Design Services					
Transportation Systems Inc,	1.00	LS	$ 32,671.00	~~$ 32,671.00~~	31,818.82
Subcontractor / Out Service Subtotal				~~$ 32,671.00~~	31,818.82
Markup:			8.00%	~~$ 2,613.68~~	2,545.51
TOTAL SUBCONTRACTOR / OUTSIDE SERVICE COSTS:				~~$ 35,284.68~~	34,364.33

Additional Notes / Description:

TOTAL AMOUNTS	
LABOR	$2,149.28
EQUIPMENT	
MATERIALS	
SUBCONTRACTORS / OUTSIDE SERVICES	~~$35,284.68~~
SUB-TOTAL	~~$37,433.96~~
Bond	
TOTAL	~~$37,433.96~~ 36,513.61

TRANSPORTATION SYSTEMS INC.
575 Cooper Industrial Parkway
Apopka, FL 32703

July 25, 2023

RE: BPS-199 GOAA Brightline Passenger Drop Off Lobby Parking Lots (EV 2W4)

To Whom it May Concern,

The following price proposal includes the material, equipment, and labor to install (2) 2W4 directional bores and (1) open cut trench for the future EV charging station raceways. One will cross the Loop Rd. for Surface Lot 1 and the other, also the Loop Rd., for Surface Lot 3. Proposal includes open trenching to install the (1) 2W4 for Surface Lot 1.

TOTAL: ~~**$32,671.00**~~
$31,818.82

Thank you,

Tim Brownell

GOAA South Terminal C Phase 1
BRIGHTLINE PASSENGER DROP OFF LOBBY PARKING LOT
Pricing Document

Subcontractor Name & Address: Transportation Systems Inc. **575 Cooper Industrial Parkway Apopka, FL 32703**			**July 25, 2023** **2W4 FOR FUTURE EV CHARGERS**		
Scope of Work	**Unit of Measure**	**Qty**	**Unit Cost**	**Total Amount**	**Total Amount**
Labor					
FOREMAN	HR	9.0	$ 42.60	$382.97	
LABORER (UNSKILLED)	HR	9.0	$ 24.85	$223.40	
EQUIPMENT OPERATOR	HR	9.0	$ 39.76	$357.44	
LABORER (UNSKILLED)	HR	9.0	$ 24.85	$223.40	
LABORER (UNSKILLED)	HR	9.0	$ 24.85	$223.40	
			Subtotal Labor	**$1,410.62**	
Company Owned Equipment (Non Taxable)					
TSI 3/4 TON PICKUP	DY	1	$201	$201.00	
TSI FLATBED TRUCK	DY	2	$268	$536.00	
			Subtotal Company Owned Equipment	**$737.00**	
Outside Rental Equipment (Taxable)					
24" PLATE COMPACTOR	DY	1	$180.00	$180.00	
SMALL TRACK HOE	DY	2	$200.00	$400.00	
AIR COMPRESSOR	DY	2	$75.00	$150.00	
JUMPING JACK COMPACTOR	DY	1	$150.00	$150.00	
				$-	
				$-	
				$-	
			Subtotal OSR Equipment	**$880.00**	
Tax Calculation #1 - 6.5% on the 1st $5000 of OSR Equipment				$57.20	
Tax Calculation #2 - 6% on the balance of OSR Equipment				$ -	
			Total Outside Rental Equipment with Tax	**$937.20**	
Materials (Taxable)					
SEE ATTACHED BACKUP	LS	1	$9,716.83	$9,716.83	
				$ -	
			Subtotal Materials	$9,716.83	
Tax Calculation #1 - 6.5% on the 1st $5000 of Material Cost				$325.00	
Tax Calculation #2 - 6% on the balance of Material Cost				$ 283.01	
			Total Materials with Tax	**$10,324.84**	
Subcontracts (including any DBE)	**Indicate Category (M, L, D)**				
HDD	N/A			$15,000.00	
				$ -	
Total Subcontracts				**$15,000.00**	
Subtotal of ALL Categories Above					**$ 28,409.66**
Mark-up on Material, Equipment, and Labor ~~15.00%~~ 12%					$ ~~2,011.45~~ $1,609.16
Mark-up on Subcontracts ~~15.00%~~ 12%					$ ~~2,250.00~~ $1,800.00
Total					**$** ~~**32,671.11**~~ $31,818.82

Estimate Summary
BP-S199
EV Chargers

Description	Quantity	Unit	Material	Labor	Equipment	Cost
Surveying (017123.13.1400)	1	Day	$0.00	$2,343.00	$0.00	$2,343.00
Electrical (See detailed breakdown)	1	L.S.				$32,993.89
Direct Cost of Work						**$35,336.89**
General Contractor Mark-up on Subs	10%	L.S.				$3,533.69
Mobilization/Demobilization	0%	L.S.				$0.00
Bonds and Insurance	0%	L.S.				$0.00
Permitting	0.0%	L.S.				$0.00
Testing	0%	L.S.				$0.00
Contingency	0%	L.S.				$0.00

Grand Total: **$38,870.58**

SHACE CONSTRUCTION SERVICES

Master Bid Summary Information

BP-S199

EV Chargers

JOB BREAKDOWN:		
Labor Hours:		83.43
Non-Productive Labor Hours:		12.51
Average Hourly Rate:	$32.00	$32.00
Material Budgeted Dollars:		$22,044.98
Expenses:	0.00%	$0.00
Miscellaneous Materials:	0.00%	$0.00
Small Tools:	0.00%	$0.00
Gas Expense:	100.00%	$83.43
LABOR TOTALS:		
Labor Dollars:		$2,669.76
Non-Productive Labor Dollars:		$400.46
Labor Burden:	42.00%	$1,289.49
Labor Dollars Total:		$4,359.72
MATERIAL TOTALS:		
Material Dollars:		$22,044.98
Miscellaneous Dollars:		$83.43
Sales Tax:	6.00%	$1,327.70
Sur-tax*:	0.50%	$25.00
Material Dollars Total:		$23,456.11
EQUIPMENT TOTALS:		
Company Owned Equipment:	$0.00	$0.00
Outside Equipment Rental:	$1,550.00	$1,643.00
QUOTABLE TOTALS:		
Electrical Engineering	$0.00	$0.00
Mechanical Engineering	$0.00	$0.00
Temporary Measures	$0.00	$0.00
Painting Conduits	$0.00	$0.00
General Requirements	$0.00	$0.00
UON Research	$0.00	$0.00
Gear:	$0.00	$0.00
SUB-TOTAL:		$29,458.83
TOTAL JOB MARK-UPS:		
Job Overhead:	12%	$3,535.06
Job Profit:	0%	$0.00
TOTAL COST:		$32,993.89
PERMIT COST:	0.00%	$0.00
BONDING EXPENSE:	0.00%	$0.00
GRAND TOTAL:		**$32,993.89**

*Sur-tax applies to only the first: $5,000.00

SHACE CONSTRUCTION SERVICES

BP-S199
EXTENSION BY SECTION

Item #	Description	Qty	Price U	Ext Price	Labor U	Ext Labor
	--- EV Charger Conduits ---					
	--- Underground ---					
1208	4" PVC (Difficult)	90.00	301.49 C	271.34	6.00 C	5.40
2227	4" P&C Bell End	12.00	655.16 C	78.62	0.22 E	2.64
3107	1/8" Poly Pull Line	1,000.00	7.24 M	7.24	2.00 M	2.00
7078	24"Wx36"D Trench-Back Hoe	45.00	0.00 E	0.00	0.30 E	13.50
7121	24"Wx36"D Backfill & Compaction	45.00	0.00 E	0.00	20.00 C	9.00
7137	Gravel (Cu. Yards)	1.19	93.75 E	111.56	0.75 E	0.89
7143	4'x4'x4' Concrete Box	3.00	2,497.50 E	7,492.50	8.00 E	24.00
8178	4" PVC (Schedule-80)	480.00	421.40 C	2,022.72	5.00 C	24.00
8396	Detectable Warning Tape	100.00	0.61 E	61.00	0.02 E	2.00
8762	4" Directional Bore	240.00	50.00 E	12,000.00	0.00 E	0.00
	--- Underground Total ---			22,044.98		83.43
	--- EV Charger Conduits ---			22,044.98		83.43
	Job Total			22,044.98		83.43

Jamie McGonagill
GOAA OAR -
GCI

December 7th, 2023

Re: GOAA BP-S00199 Train Station PDL Parking Lots Design-Build – Attic Stock for Light Fixtures

Dear Mr. McGonagill,

The Middlesex Corporation (TMC) hereby provides its lump sum cost proposal of **$5,509** to provide three light fixtures for the new light poles installed in Surface Lots 1, 2, and 3 to be turned over to OAR as attic stock. The delivery may be after substantial or final completion

If you have any questions about the above proposal, please feel free to call me at 978-230-5000.

Sincerely,

THE MIDDLESEX CORPORATION

Jake Shumway
As. Project Manager
Cc. Neil Mulrooney – Sr. VP of Construction
Cary Strzepek – Project Executive
Peter Donkor –Project Manager
Francis Stella - Project Manager

THE MIDDLESEX CORPORATION 10801 Cosmonaut Blvd Orlando, FL 32824 Ph: (407) 206-0077 Fax: (407) 206-3559	Project Description Confidential Financial Proprietary Information Exempt From Public Records law Pursuant To Chapter 119 And Florida Stature S.815.045. Pricing Specific To The OIA South Terminal Project And May Not Be Used Against Subcontractor On Any Future Project At GOAA Or Elsewhere.	GOAA	TMC Project:	2130
DESCRIPTION OF WORK / DELAY: BP-S00199 GOAA Train Station PDL Parking Lots - Attic Stock for Light Fixtures		$5,509	Contract:	BP-S-00199
			Date:	12/7/2023

LABOR

DESCRIPTION	QTY	TOTAL HOURS	RATE	AMOUNT
			Labor Subtotal	$ -
			Markup: 15.00%	$ -
			TOTAL LABOR COSTS:	$ -

EQUIPMENT

DESCRIPTION	QTY	TOTAL HOURS	RATE	AMOUNT
			Equipment Subtotal	$ -
			Markup: 15.00%	$ -
			TOTAL EQUIPMENT COSTS:	$ -

MATERIAL

DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
Material Subtotal				$ -
Orange County Tax (Surcharge 6.5% up to 5,000)		$ -	6.50%	$ -
Sales Tax - Over $5,000				
			Material Total	$ -
	Markup:		10%	$ -
			TOTAL MATERIAL COSTS:	$ -

SUBCONTRACTOR / OUTSIDE SERVICE

DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
Transportation Systems Inc.	1.00	LS	$ 5,008.14	$ 5,008.14
			Subcontractor / Out Service Subtotal	$ 5,008.14
			Markup: 10.00%	$500.81
			TOTAL SUBCONTRACTOR / OUTSIDE SERVICE COSTS:	$ 5,508.95

Additional Notes / Description:

TOTAL AMOUNTS	
LABOR	
EQUIPMENT	
MATERIALS	
SUBCONTRACTORS / OUTSIDE SERVICES	$5,508.95
SUB-TOTAL	$5,508.95
Bond	
TOTAL	**$5,508.95**

Transportation Systems Inc.
Subcontract Potential Change Order
Pricing Document

Subcontractor Name & Address:	**Project Name:**
Transportation Systems Inc. **575 Cooper Industrial Parkway** **Apopka, FL 32703**	**GOAA SOUTH TERMINAL C BPS-199 BRIGHT LINE PASSENGER DROP OFF LOBBY PARKING**

Scope of Work	Unit of Measure	Qty	Unit Cost	Total Amount	Total Amount
Labor					
				$ -	
				$ -	
				$ -	
				$ -	
				$ -	
Subtotal Labor				**$ -**	
Company Owned Equipment (Non Taxable)					
				$ -	
				$ -	
				$ -	
Subtotal Company Owned Equpment				**$ -**	
Outside Rental Equipment (Taxable)					
				$ -	
				$ -	
				$ -	
Subtotal OSR Equipment				**$ -**	
Tax Calculation #1 - 6.5% on the 1st $5000 of OSR Equipment				$ -	
Tax Calculation #2 - 6% on the balance of OSR Equipment				$ -	
Total Outside Rental Equpment with Tax				**$ -**	
Materials (Taxable)					
ATTIC STOCK FIXTURES	EA	3	$1,356.67	$ 4,070.00	
				$ -	
Subtotal Materials				$ 4,070.00	
Tax Calculation #1 - 7% on the 1st $5000 of Material Cost				$ 284.90	
Tax Calculation #2 - 6.5% on the balance of Material Cost					
Total Materials with Tax				**$ 4,354.90**	
Subcontracts (including any DBE)	**Indicate Category (M, L, D)**				
				$ -	
Total Subcontracts				**$ -**	
Subtotal of ALL Categories Above					**$ 4,354.90**
Mark-up on Material, Equipment, and Labor 15.00%					$ 653.24
Mark-up on Subcontracts 15.00%					$ -
Total for PCO					**$ 5,008.14**

Quote

Transportation Systems Inc.
575 Cooper Industrial Pkwy
APOPKA FL 32703
USA

Date
28 Nov 2023

Expiry
28 Dec 2023

Quote Number
FL23-2449

Reference
GOAA Stivk Stock BPS-199

Integrated Synergy, Inc.
PO Box 320154
COCOA BEACH FL 32932
Ph: (321)302-2060
FDOT/GDOT/TDOT DBE
Certified Company

Description	Quantity	Unit Price	Tax	Amount USD
Qty 3 - ECF-S-64L-1A-NW-G2-AR-3-UNV-MGY	1.00	4,070.00		4,070.00
Notes: FREIGHT INCLUDED NO SPARE MATERIALS INCLUDED. SALES TAX IS NOT INCLUDED				
			Subtotal	4,070.00
			TOTAL TAX	0.00
			TOTAL USD	**4,070.00**

Terms

Net 30 - Credit approval and specific terms agreement required for order acceptance.

Notes:
1. Sales Tax not included
2. Freight not included unless noted
3. Furnish Only
4. FOB Factory
5. Lead Time may vary based upon Factory conditions at time of release
6. Credit Cards Accepted with a 4% Convenience Fee
7.The impacts of the current unpredictable supply chain marketplace cannot be reasonably determined at this time. This quote/proposal does not account for any potential adverse impacts on Integrated Synergy, Inc. (ISI) performance or obligations herein. In the event of any delays or adverse impacts, ISI reserves the right for an equitable adjustment of the delivery schedule and prices herein to offset the effects without fault or penalty of any kind.
8. T&C's: https://drive.google.com/file/d/1rc7rKH7-oO4Ocqt_VODD9VRdt0VXTtNt/view?usp=sharing

Should you have any questions, please contact Jenny Meadows Demeter (321)302-2060 or jenny@integratedsynergyinc.com

BP-S199- CO 9 OAR Estimate - Item #2

		Takeoff Quantity	UOM		Material Unit Cost		Material Cost		Labor Unit	Labor Cost	Total Cost
01 General Requirements											
Attic Stock Lighting											
	Exterior LED Light fixtures	3.00	EA		$ 1,300.00		$ 3,900.00				
	ECF-S-64L-1A-NW-G2-AR-3-UNV-MGY	0.00			$ -		$ -				
		0.00			$ -		$ -				
									$ -	$ -	**$ -**
	Subtotals						$ 3,900.00				
					6.5% Sales Tax		*$ 253.50*				
							$ 4,153.50			Material +Tax	$ 4,153.50
										Labor w/Burden	$ -
										Equipment	$ -
											$ 4,153.50
									Sub -Mark -up 15%		$ 623.03
											$ 4,776.53
									GC MU 10%		$ 477.65
										Total Cost Work	**$ 5,254.18**

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport, One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

CHANGE ORDER AGENDA
FOR CONSTRUCTION COMMITTEE

CHANGE ORDER # **3**	**AMOUNT $** **($20,618.08)**	**Extension Of Time (Subst.):**	**0 Days**
		Extension Of Time (Final):	**0 Days**

CONTRACT NO. & DESCRIPTION:	L-00049 BACKBONE FIBER INFRASTRUCTURE TO TENANT LOCATIONS (OBTS)	DATE:	December 19, 2023
CONTRACTOR:	Orlando Business Telephone Systems, Inc.		
A/E:	NONE		

DESCRIPTION OF CHANGE TO CONTRACT**: FINAL CHANGE ORDER**

Item #1. FINAL ADJUSTMENT OF NTE AMOUNT: Final contract adjustment to reflect the actual cost of time and material expended to complete the work. The original contract amount was $115,445.00; actual material and labor expenditure totaled $94,826.92. This change order reduces the contract amount by ($20,618.08) for a final contract amount of $94,826.92.
DEDUCT: ($20,618.08)

(The language above will be exactly what will appear on the actual Change Order under "Description of Change".)

REASON FOR CHANGE:

Item #1. Owner Requested: This item is a final reconciliation of unused funds allocated for the project.

SOURCE OF FUNDS: Previously Approved Capital Expenditure Funds

Is above change within the intended scope of the original contract? Yes ☒ No ☐

EXPLAIN:

Previously Presented Bulletin(s):		(Copy Attached)
Previously Approved Field Change Order(s):		(Copy Attached)

Contractor's Original RCO Submission	$ n/a		
GOAA/OAR Estimate	$ n/a		
(a) Change Contract Amount By		**$**	($20,618.08)
(b) Amount of Associated Additional A/E Fees	(Not for Approval / For Info. Only)	$	0.00
(c) Amount of Associated Additional OAR Fees	(Not for Approval / For Info. Only)	$	0.00
(d) Total Cost Impact of this Change (d = a + b + c)		**$**	**($20,618.08)**
Is there any potential backcharge to the A/E? Yes ☐ No ☒	Omissions	$	0.00
	Errors	$	0.00

PREPARED BY: Ian Brooks PHONE: 407-825-3124

*NOTE: All Agenda Items are to be submitted to **GOAA's Construction-Engineering-Financial (CEF) Consultant no later than the close of business on Monday** for inclusion on the following week's Construction Committee Agenda.*

GOAA's CEF Consultant	Date Received:	Date Review Completed:	Initials of Reviewer:	Verification of Funding by CF
Anser Advisory	12/05/2023	12/11/2023	MM	Melvin Martinez

CC
ITEM III-C
12/19/2023

ORLANDO BUSINESS TELEPHONE SYSTEMS, INC.

L-00049 **P.O. #1006396** **ADD #04**

Backbone fiber infrastructure to tenant locations

ORIGINAL CONTRACT AMOUNT:	$	115,446.00	
Change Order #1	$	-	(N/C Time Extension)
Change Order #2	$	-	(N/C Time Extension)
Change Order #3	$	(20,618.08)	Final Deductive CO
CURRENT CONTRACT AMOUNT:	**$**	**115,446.00**	
LESS WORK PERFORMED:		94,827.92	
FINAL QTY. ADJUST. C.O. AMOUNT:	**$**	**20,618.08**	**(DEDUCTIVE CHANGE ORDER NEEDED)**

PAYMENT APPLICATION 04 **CONTRACTOR: Orlando Business Telephone Systems, Inc.** **PERIOD ENDING: 12/30/21** **Project: L-00049, On-Call Backbone Fiber Infrastructure to Tenant Location Installations**

ITEM	DESCRIPTION OF WORK	QUANT.	UNIT	UNIT PRICE	TOTAL FOR ITEM	CHANGE ORDER ADJUSTMENTS		CURRENT CONTRACT		PREVIOUS APPL'S		THIS APPLICATION				TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials)		BALANCE		% COM-PLETE
										TOTAL *WORK* COMPLETED PREVIOUSLY		*WORK* COMPLETED THIS PERIOD		STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B")						
						QUANT.	$ AMOUNT	QUANT.	$ AMOUNT	QUANT.	$ AMOUNT	QUANT.	$ AMOUNT	QUANT.	$ AMOUNT	QUANT.	$ AMOUNT	QUANT.	$ AMOUNT	
	BASE CONTRACT																			
1	Labor & Materials	1	NTE	115,445.00	115,445.00			1.00	115,445.00	0.82	94,826.92	0.00	0.00	0.00		0.82	94,826.92	0.18	20,618.08	82%
	SUBTOTAL - BASE CONTRACT				**115,445.00**				**115,445.00**		**94,826.92**		**0.00**		**0.00**		**94,826.92**		**20,618.08**	**82%**
	CHANGE ORDERS																			
	CHANGE ORDER #01																			
1	Increase the Contract Time for Substantial Completion by 380 calendar days, from 242 calendar days to 622 calendar days, extending the period of performance for this project to accommodate an escalation in work orders. **ADD: $0.00**		NC	0.00		1.00	0.00	1.00	0.00	0.00	0.00	1.00			0.00	1.00	0.00	0.00	0.00	100%
	SUBTOTAL - CHANGE ORDER 01						**0.00**		**0.00**		**0.00**		**0.00**		**0.00**		**0.00**		**0.00**	**100%**
	CHANGE ORDER #02																			
2	No-cost Change Order is to increase the Contract Time for Substantial Completion by 365 calendar days extending the period of performance for this project. **ADD: $0.00**		NC	0.00		1.00	0.00	1.00	0.00	0.00	0.00	1.00			0.00	1.00	0.00	0.00	0.00	100%
	SUBTOTAL - CHANGE ORDER 02						**0.00**		**0.00**		**0.00**		**0.00**		**0.00**		**0.00**		**0.00**	**100%**
	SUBTOTAL - ALL CHANGE ORDERS						**0.00**		**0.00**		**0.00**		**0.00**		**0.00**		**0.00**		**0.00**	**100%**
	TOTAL				**115,445.00**		**0.00**		**115,445.00**		**94,826.92**		**0.00**		**0.00**		**94,826.92**		**20,618.08**	**82%**

SECTION 01 11 00 - SUMMARY OF WORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and General Conditions/Provisions of Contract, including Contractual Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 PROJECT DESCRIPTION

A. Project/Work Identification:

1. The General overall description of the Work of the Contract for the:

L-00049-MCO, On-Call Backbone fiber infrastructure to tenant locations (OBTS)
Orlando International Airport
Orlando, Florida

can be summarized for purposes of administration and payment in the manner of project segments as follows:

2. The Project consists of:

Installing conduit and copper / fiber communications cabling that includes (but not limited to) Category 5E/6/6A, single-mode fiber, multi-mode fiber (very limited MM fiber), coax, and multi-conductor wiring. All cabling is installed terminated and tested as part of OIA's Premise Distribution (PDS) or as directed. Some installation activities are highlighted below.

On-demand testing PDS jacks, patch panels, all components in OIA's PDS installation, replacing / repairing as needed.

Installing intra-building fiber and copper cables. Fiber sizes from 6 to 288 strands, or as directed.

Provide and install all manner of racks, cabinets, ladder rack, typical comm room components,and install OFCI (Owner Furnished Contractor Installed) cabinets and racks when directed.

Perform fiber fusion splicing, installing fiber connectors of all types; ST, SC, LC, etc., install LIUs, and all manner of fiber distribution network components.

Installing Outside Plant (OSP) fiber and copper cables, creating first service entry cross connect fields, provide and install TVSS.

Perform all cable services necessary for a fiber and copper infrastructure, for wired and wireless networks.

Install electric power outlets typically 120vac, but not limited to 120vac. *All installations by licensed and GOAA approved electric contractor.

Install conduit for intra- and inter-building communication cabling. All building communication cables are required to be in metallic (EMT typical) conduit. Install rigid conduit or buried PVC where required.

Perform OSP directional bores, trenching, cable locating, all maner of OSP work.

Provide and install OSP pedestals and terminals for campus distribution.

Creating fiber optic channels spanning End One – End Two locations creating connections needed to for Ethernet based switches and network devices (or any devices requiring such a fiber channel). Fiber channels are required to tested with OTDR and all related documentation completed by Technicians. OTDRs are required for all fiber tests and installations.

NOTE: All communication cabling follows TIA/EIA Commercial Building standards and BICSI standards as referenced in GOAA's Master Design Guidelines.

1.3 CONTRACTOR USE OF PREMISES

A. Limit use of the premises to construction activities within areas indicated; allow for any Owner and tenant occupancy, and use by the public.

1. Minimize any disruption to all operating areas, including parking areas.

a. Existing public services and utility systems shall remain in operation during the construction period, excluding times required for installation of new work unless specifically allowed by the Contract.

b. Schedule and coordinate outages and interruptions of public service with the OAR. See the specific forms for processes and time constraints. Utilize the following forms:

1) Form #018 System Interruption/Utility Outage Notification.

2) Form #018a System Interruption/Utility Outage Notification Procedured.

3) Form #018b Roofing Impact Notification

4) Form #018c Security System Interruption/Outage Request

2. Provide all temporary directional signage, safety, and barricading required for passenger services.

   a. Submit a plan indicating signage, safety, and barricading for access routes, storage areas and work sites, at the pre-construction meeting.

   b. Directional signing at the access gate and or along the delivery route to the storage area or work site shall be as directed by the OAR.

3. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.

4. Access to site shall be shown on the plans or as directed by the OAR. Do not permit any unauthorized construction personnel or traffic on the site. Provide for traffic control to and from the various construction areas. Immediately clean-up any debris deposited along the access road as a result of construction traffic.

   a. Keep driveways and entrances serving the premises clear and available to the Owner, Tenant, their employees at all times, and the public. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.

5. All material orders for delivery to the site will use as a delivery address the access point at the Contractor's storage site.

   a. Coordinate with the OAR and allow for the least possible disruption of the facilities normal operations for delivery of materials and removal of demolished and discarded materials.

   b. Delivery of materials and removal of demolished and discarded materials shall be scheduled as follows:

      1) Schedule and coordinate all deliveries and removal of debris with the Owner, or between the hours of 10:00 PM and 6:00 AM each day of the work week.

6. The limits of construction material storage areas, equipment storage areas, and parking areas shall be as indicated in the documents or as directed by the OAR. Erect and maintain suitable fencing, marking and warning devices suitable for both day/night use to delineate the perimeter of all such areas. Refer to specification Section 01 55 30 Requirements for Use of Canal Road.

a. Parking management cards may be used to provide contractor parking in the terminal garages and terminal top parking. These cards will cost $60 per card per month, taxes not included.

B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

1.4 OWNER OCCUPANCY

A. Full Owner Occupancy: The Owner, its tenants, and the public will occupy the site and existing building and adjacent facilities (outside the limits of the construction area unless specified) during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts, facilitate occupancy usage, and protect persons and property in the project area during the entire construction period. Perform the Work so as not to interfere with the Owner's operations.

1. Unless otherwise directed by the Owner or dictated by specific Airport Operations area restrictions. It is the responsibility of the Contractor to be aware of time restrictions. Work shall be scheduled between the hours of 7:00 AM until 6:00 PM each day.

2. Access into Comm Rooms and Work Areas; it is the responsibility of the Contractor to coordinate physical access prior to work start into; Technology Rooms / Communication Rooms, Work Areas, and ancillary work areas necessary for tasks to be accomplished.

1.5 LAWS, PERMITS, AND REGULATIONS

A. Comply with all applicable laws, ordinances, regulations, codes, ADA requirements.

B. Obtain and pay for all license and permits, all fees and charges for connection to outside services and parking for Contractor's vehicles.

C. Abide by FAA and Owner’s safety and security regulations and procedures relative to access to, and work in, Airport Operations Areas and secured facilities.

D. Comply with Owner’s insurance requirements.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 01 11 00

Orlando Business Telephone Systems

August 13, 2019

Greater Orlando Aviation Authority
Orlando International Airport
5850-B Cargo Road
Orlando FL 32827

Labor Rates for the period of 10-2019 to 9-2020

$60.00 an hr for Lead Technicians for Standard Labor Hours

$84.00 an hr for Lead Technicians for Overtime Labor Hours

Material mark up will be 15%

Sub-Contractors mark up will be 15%

If you have any questions, or need to contact me directly….you can reach me at 407-996-1104 or via email at linda@obtssolutions.net.

Thanks for your continued business.

Linda Childress Frymyer

Sincerely,

Linda Childress Frymyer, CFO
Orlando Business Telephone Systems Inc.

5345 LB MCLEOD RD. ORLANDO, FL. 32811
T 407-996-9000 U WWW.OBTSSOLUTIONS.COM

GREATER ORLANDO AVIATIO

Orlando International Airport, C
Orl

CCM HANDOUT
12/19/2023
Item III-D
Revised Memo & Backup

CHANGE ORDER AGENDA
FOR CONSTRUCTION COMMITTEE

CHANGE ORDER 01	AMOUNT $ 511,076.81	Extension Of Time (Subst.): 0 Days Extension Of Time (Final): 0 Days

CONTRACT NO. & DESCRIPTION:	V-00992-Rehabilitation of Structural Steel Commercial Lanes Canopies	DATE: 12/19/2023
CONTRACTOR:	Clancy & Theys Construction Company	
A/E:	N/A	

DESCRIPTION OF CHANGE TO CONTRACT:

1. Provide all labor, materials, and equipment to remove and replace 14 sections of PTFE fabric on the Terminal-A Commercial Lanes Canopies. **Add: $511,076.81**.

(The language above will be exactly what will appear on the actual Change Order under "Description of Change".)

REASON FOR CHANGE:

Owner Requested: The base bid was to remove and reinstall the existing PTFE fabric. Once construction began, additional damage to the fabric and cables securing the fabric was discovered. As a result, a professional assessment of all the canopies was done to determine the current condition and longevity of the existing fabric. Per the recommendation of the assessment, GOAA Facilities determined to replace the existing PTFE fabric with new fabric on 14 sections of Terminal-A Commercial Lane. The cost to furnish labor and material to remove and replace the 14 sections of PTFE fabric is a change order in the amount of $511,076.81. No additional time is required.

SOURCE OF FUNDS: Previously approved Capital Expenditure Funds

Is the above change within the intended scope of the original contract? Yes ☒ No ☐

EXPLAIN: See reason for change above.

Previously Presented Bulletin(s):	NA	(Copy Attached)
Previously Approved Field Change Order(s):	NA	(Copy Attached)

Contractor's Original RCO Submission	$ 512,790.00		
GOAA/OAR Estimate	$ 1,084,350.76		
(a) Change Contract Amount By		$	**$511,076.81**
(b) Amount of Associated Additional A/E Fees	(Not for Approval / For Info. Only)	$	NA
(c) Amount of Associated Additional OAR Fees	(Not for Approval / For Info. Only)	$	NA
(d) Total Cost Impact of this Change (d = a + b + c)		$	**$511,076.81**

Is there any potential backcharge to the A/E? Yes ☐ No ☒	Omissions	$	N/A
	Errors	$	N/A

PREPARED BY: Colin Paterson, Ardmore Roderick PHONE: Ext 2990

*NOTE: All Agenda Items are to be submitted to **GOAA's Construction-Engineering-Financial (CEF) Consultant no later than the close of business on Monday** for inclusion on the following week's Construction Committee Agenda.*

GOAA's CEF Consultant	Date Received:	Date Review Completed:	Initials of Reviewer:	Verification of Funding by CF
ANSER ADVISORY	12/06/2023	12/15/2023	ZTG	Melvin Martinez

SUBJECT TO CFOC

CLANCY &THEYS CONSTRUCTION COMPANY

1401 Beulah Road, Suite 124 T. 407.578.1449
Winter Garden, FL 34787 www.clancytheys.com

Date:

PCO# - 1 - Replacement PTFE Fabric

7242- V-992 Rehabilitation of Structural Steel Commercial Lanes Ca

To: Greater Orlando Aviation Auth
5850 Cargo Road
Orlando, FL 32827

From: Clancy & Theys Construction Company
1401 Beulah Road, Suite 124
Winter Garden, FL 34787

PCO# - 1 - Replacement PTFE Fabric

Description: This pricing is to furnish all new PTFE fabric at all (14) canopy locations. The contract pricing included removing and reinstalling existing fabric. The expected lifespan of PTFE fabric is 25-30 years and the existing fabric is nearing the end of it's usable life.

The manufacturing process of the fabric requires 3D laser scanning of the bet plate locations.

Description	Scope of Work	Cost
	Subcontracted	
Protective Covers - Subcontract		449,500.00
Cost of Work Subtotal		**$449,500.00**
Markup		
Liability Insurance	0.8116%	3,648.14
Sub Default Insurance	1.2%	5,394.00
Technology Services	0.2975%	1,337.26
Fee	8%	35,960.00
Markup Subtotals		**$46,339.40**
	Self-Perform	
Field Engineering - Other		13,330.00
Cost of Work Subtotal		**$13,330.00**
Markup		
Liability Insurance	0.8116%	108.19
Sub Default Insurance	1.2%	159.96
Technology Services	0.2975%	39.66
Fee	12%	1,599.60
Markup Subtotals		**$1,907.41**
PCO Total:		**$511,076.81**

Greater Orlando Aviation Auth

By: _____

Print: _____

Date: _____

Clancy & Theys Construction Company

By: _____

Print: _____

Date: _____

CLANCY &THEYS CONSTRUCTION COMPANY

1401 Beulah Road, Suite 124
Winter Garden, Florida 34787
407.578.1449 | www.clancytheys.com
FL License No. CGC1521064

Re: V-992 Change Order #1, Field Engineering Cost

The breakout below represents the cost to self-perform the field engineering required to create an as-built 3D point scan of the secondary steel on the A terminal commercial lane canopies.

Mobilization 1 - Canopy 1-4 & Setup
- Laser Scan Rental - 2 Days @ $450/day = $900
- 200 mm Sphere Rental - 2 Days @ $70/day = $140
- Registration Software Rental - 2 Days @ $35/day = $70
- Establish Targets (or reference existing Control Points) - 16 Hours @ $125/hour = $2,000
- Laser Scan Overnight - 8 hours @ $125/hour = $1,000
- Process and Register Scan Data - 8 hours @ $125/hour = $1,000

Total: $5,110

Mobilization 2 - Canopy 5-9
- Laser Scan Rental - 2 Days @ $450/day = $900
- 200 mm Sphere Rental - 2 Days @ $70/day = $140
- Registration Software Rental - 2 Days @ $35/day = $70
- Laser Scan Overnight - 16 hours @ $125/hour = $2,000
- Process and Register Scan Data - 8 hours @ $125/hour = $1,000
- Total: $4,110

Mobilization 3 - Canopy 10-14

- Laser Scan Rental - 2 Days @ $450/day = $900
- 200 mm Sphere Rental - 2 Days @ $70/day = $140
- Registration Software Rental - 2 Days @ $35/day = $70
- Laser Scan Overnight - 16 hours @ $125/hour = $2,000
- Process and Register Scan Data - 8 hours @ $125/hour = $1,000
- Total: $4,110

Subtotal: $13,330

GREATER ORLANDO AVIATION AUTHORITY
Orlando International Airport, One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

CHANGE ORDER AGENDA
FOR CONSTRUCTION COMMITTEE

CHANGE ORDER 01	AMOUNT $ $512,790.00	Extension Of Time (Subst.): 0 Days Extension Of Time (Final): 0 Days

CONTRACT NO. & DESCRIPTION:	V-00992-Rehabilitation of Structural Steel Commercial Lanes Canopies	DATE: 12/19/2023
CONTRACTOR:	Clancy & Theys Construction Company	
A/E:	N/A	

DESCRIPTION OF CHANGE TO CONTRACT:

1. Provide all labor, materials, and equipment to remove and replace 14 sections of PTFE fabric on the Terminal-A Commercial Lanes Canopies. **Add: $512,790.00**.

(The language above will be exactly what will appear on the actual Change Order under "Description of Change".)

REASON FOR CHANGE:

Unforeseen Conditions: The base bid was to remove and reinstall the existing PTFE fabric. Once construction began, additional damage to the fabric and cables securing the fabric was discovered. As a result, a professional assessment of all the canopies was done to determine the current condition and longevity of the existing fabric. Per the recommendation of the assessment, GOAA Facilities determined to replace the existing PTFE fabric with new fabric on 14 sections of Terminal-A Commercial Lane. The cost to furnish labor and material to remove and replace the 14 sections of PTFE fabric is a change order in the amount of $512,790.00.

SOURCE OF FUNDS: Previously approved Capital Expenditure Funds

Is the above change within the intended scope of the original contract? Yes ☒ No ☐

EXPLAIN: See reason for change above.

Previously Presented Bulletin(s):	NA	(Copy Attached)
Previously Approved Field Change Order(s):	NA	(Copy Attached)

Contractor's Original RCO Submission	$ 512,790.00		
GOAA/OAR Estimate	$ 1,084,350.76		
(a) Change Contract Amount By		**$**	**$512,790.00**
(b) Amount of Associated Additional A/E Fees	(Not for Approval / For Info. Only)	$	NA
(c) Amount of Associated Additional OAR Fees	(Not for Approval / For Info. Only)	$	NA
(d) Total Cost Impact of this Change (d = a + b + c)		**$**	**$512,790.00**
Is there any potential backcharge to the A/E? Yes ☐ No ☒	Omissions	$	N/A
	Errors	$	N/A

PREPARED BY: Colin Paterson, Ardmore Roderick PHONE: Ext 2990

*NOTE: All Agenda Items are to be submitted to **GOAA's Construction-Engineering-Financial (CEF) Consultant no later than the close of business on Monday** for inclusion on the following week's Construction Committee Agenda.*

GOAA's CEF Consultant	Date Received:	Date Review Completed:	Initials of Reviewer:	Verification of Funding by
ANSER ADVISORY	12/06/2023			

CC ITEM III-D 12/19/2023

CLANCY &THEYS CONSTRUCTION COMPANY

1401 Beulah Road, Suite 124 T. 407.578.1449
Winter Garden, FL 34787 www.clancytheys.com

Date:

PCO# - 1 - Replacement PTFE Fabric

7242- V-992 Rehabilitation of Structural Steel Commercial Lanes Ca

To: Greater Orlando Aviation Auth
5850 Cargo Road
Orlando, FL 32827

From: Clancy & Theys Construction Company
1401 Beulah Road, Suite 124
Winter Garden, FL 34787

PCO# - 1 - Replacement PTFE Fabric

Description: This pricing is to furnish all new PTFE fabric at all (14) canopy locations. The contract pricing included removing and reinstalling existing fabric. The expected lifespan of PTFE fabric is 25-30 years and the existing fabric is nearing the end of it's usable life.

The manufacturing process of the fabric requires 3D laser scanning of the bet plate locations.

Description	Scope of Work	Cost
Subcontracted		
Protective Covers - Subcontract		449,500.00
Cost of Work Subtotal		**$449,500.00**
Markup		
Liability Insurance	0.8116%	3,648.00
Sub Default Insurance	1.2%	5,438.00
Technology Services	0.2975%	1,364.00
Fee	8%	36,796.00
Markup Subtotals		**$47,246.00**
Self-Perform		
Field Engineering - Other		14,000.00
Cost of Work Subtotal		**$14,000.00**
Markup		
Liability Insurance	0.8116%	114.00
Sub Default Insurance	1.2%	169.00
Technology Services	0.2975%	42.00
Fee	12%	1,719.00
Markup Subtotals		**$2,044.00**
PCO Total:		**$512,790.00**

Greater Orlando Aviation Auth

By: _____

Print: _____

Date: _____

Clancy & Theys Construction Company

By: _____

Print: _____

Date: _____

To:	Clancy & Theys Construction	Date:	10/25/23
Attn:	Kevin Harvey		
		Proposal No.	S-23-028
		Sheet:	1 of 6
From:	Joe Magiera Director of Pre-Construction Cell: 716-334-9011 e-mail: JMagiera@Birdair.com	Engineer:	AVCON Engineers
	cc: David Capezzuto | Vice President, Business Development		
Project:	**Canopy Rehabilitation Project V-00992** **Greater Orlando Aviation Authority**	Location: Orlando, FL	

BASIS OF DESIGN PROPOSAL

Birdair, Inc. proposes to remove nine (9) existing fabric panels and associated hardware, cables & clamping. Once the steel rehab work is completed (by others), we will re-install the existing fabric panels using new hardware, cables & clamping.

Our Base Bid Price is:

Three Hundred Forty-Five Thousand dollars ***$345,000.00***

Bid Alternate #1: Add five (5) fabric panels to the Base Bid scope.

Two Hundred Two Thousand, Nine Hundred Twenty-Five dollars ***$202,925.00***

Bid Alternate #3: Replace the PTFE fabric on the fourteen (14) canopies referenced above.

Add: Four Hundred Forty-nine Thousand, Five Hundred dollars ***$449,500.00***

Grand Total: ***$992,425.00***

**This price is valid for 30 days.*

Birdair, Inc.
6461 Main Street
Amherst, NY 14221 USA
Phone: 716-633-9500
Fax: 716-204-1234
www.birdair.com
A TAIYO KOGYO COMPANY

Colin Paterson

From: Colin Paterson
Sent: Wednesday, December 6, 2023 9:46 AM
To: Jeff Daniels
Cc: colin.paterson@goaa.org; Scott Shedek; Lionel Brown; Christina Taylor; Tony Odendahl; Max Marble
Subject: RE: V-00992 Canopy Assessment Report

Jeff,
Thank you for meeting this morning.
This email is confirmation of the approval to move forward with the replacement of the PTFE membranes, with new PTFE, at the 14 locations on A-Side Commercial Lanes in project V-00992 as discussed.

I will submit the Change Order package today for approval at the 12/19/23 CCM just in time to make it to the January board.

I am also working with Kevin Harvey to put together an accelerated schedule that would complete the project in May if we can get approval from Eric and Marquez to remove all the canopies so the steel remediation and paint can knock it out during the dry season.

I will keep you posted.

Thanks,

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

Colin Paterson, CCM
Sr. Project Manager
Ardmore Roderick / OAR-GOAA

colin.paterson@goaa.org
P 407-825-2990 **C** 863-242-6632

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827
orlandoairports.net

From: Colin Paterson
Sent: Friday, December 1, 2023 2:50 PM
To: Scott Shedek <scott.shedek@goaa.org>; Jeff Daniels <jdaniels@goaa.org>; Lionel Brown <lionel.brown@goaa.org>
Cc: colin.paterson@goaa.org
Subject: V-00992 Canopy Assessment Report

Gentlemen,
The Canopy Assessment Report for the A and B side canopies is attached for your review.

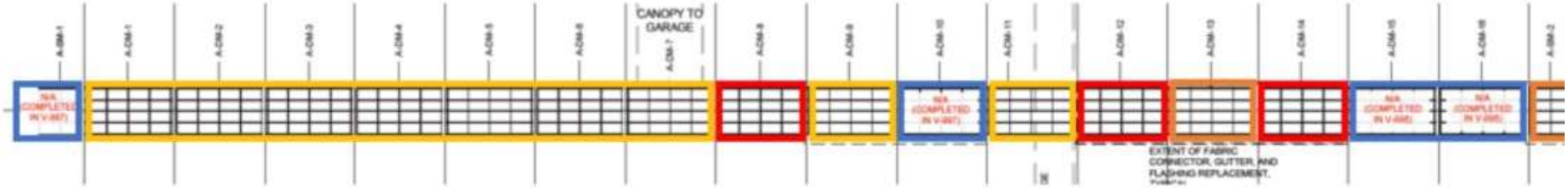
Greater Orlando Airport Authority

1 Jeff Fuqua Blvd.

Orlando, FL 32827

RE: Orlando Airport Canopy Assessment

Canopy: Side A, Lower Level



LEGEND

Canopy needs immediate attention. Membrane and/or its components need replacement.

Membrane will likely be further damaged upon removal and re-installation, it is strongly recommended that the fabric at these sections are rep
structure components need remediation or replacement.

Membrane is in fair condition and may be re-used, but further damage will likely occur upon removal and re-installation. Replacement of fabric is recommended. Other structure components need remediation or replacement.

Canopy is in good condition and does not need maintenance.

The canopy at lines A-DM-14, A-DM-12, and A-DM-8 are marked in red in the map above and are the locations th
immediate attention. Cables, membrane plates, and extrusion are all in bad condition and need remediation or replacem
Membrane failure at A-DM-14 seems imminent and is likely to occur in a high wind event. It is recommended that the me
these locations are all replaced.

Also attached is Clancy & Theys proposal to furnish all new PTFE fabric at all (14) canopy locations on the A-side Commercial Lane under the current project and the budget for V-00992.

What are your thoughts on replacing the PTFE fabric?

Current Budget:

V-00992			
Budget Item	**Current Budget**	**Actual costs**	
A/E Fees - Design	$ 168,800.00	$ 48,113.00	awarded
A/E Fees - Construction	$ -		
Construction	$ 2,110,000.00	$ 1,980,592.00	awarded
OAR Fees - Design	$ -		
OAR Fees - Construction	$ 211,000.00	$ 186,355.00	awarded
Miscellaneous	$ 147,700.00		
Contingency	$ 162,500.00		
TOTAL	$ 2,800,000.00	$ 2,215,060.00	
	Remaining:	**$ 584,940.00**	
OAR fee (Canopy Assessment)		$ 6,668.00	awarded
CO #1 for new PTFE fabric		$ 512,790.00	
	Remaining:	**$ 65,482.00**	

Thanks,

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

Colin Paterson, CCM
Sr. Project Manager
Ardmore Roderick / OAR-GOAA

colin.paterson@goaa.org
P 407-825-2990 **C** 863-242-6632

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827
orlandoairports.net

From: William Josserand Jr. <wdjr@josserandconstruction.com>
Sent: Friday, December 1, 2023 12:41 PM
To: Colin Paterson <cpaterson@ardmoreroderick.com>
Subject: Orlando membrane inspection report

Please see attached. Please let me know if you have any questions.

Regards,
W.D. (Bill)Josserand Jr.
Managing Member
Josserand Construction LLC

Josserand Construction LLC
P.O. Box 294
Norman AR, 71960
Tel 817-894-9554
wdjr@josserandconstruction.com

DECEMBER 1, 2023

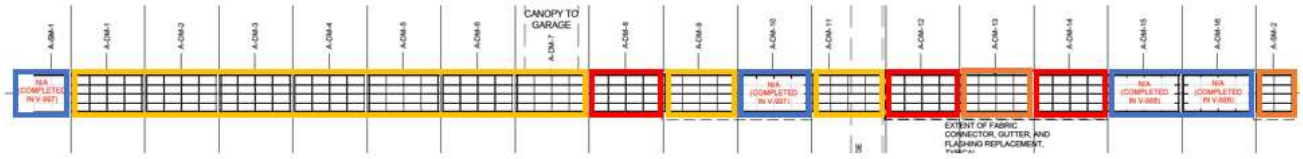
Greater Orlando Airport Authority

1 Jeff Fuqua Blvd.

Orlando, FL 32827

RE: Orlando Airport Canopy Assessment

Canopy: Side A, Lower Level



LEGEND

Canopy needs immediate attention. Membrane and/or its components need replacement.

Membrane will likely be further damaged upon removal and re-installation, it is strongly recommended that the fabric at these sections are replaced. Other structure components need remediation or replacement.

Membrane is in fair condition and may be re-used, but further damage will likely occur upon removal and re-installation. Replacement of fabric is recommended. Other structure components need remediation or replacement.

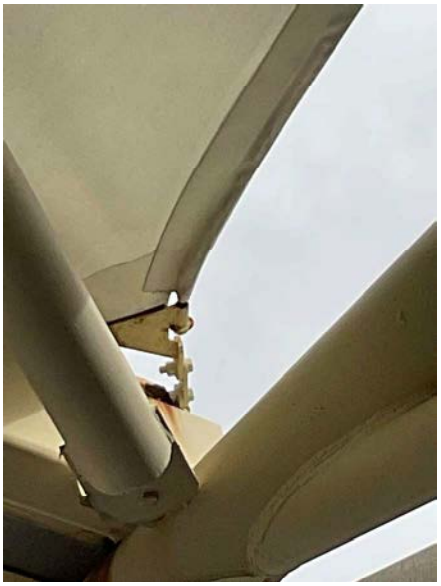
Canopy is in good condition and does not need maintenance.

The canopy at lines A-DM-14, A-DM-12, and A-DM-8 are marked in red in the map above and are the locations that need immediate attention. Cables, membrane plates, and extrusion are all in bad condition and need remediation or replacement. Membrane failure at A-DM-14 seems imminent and is likely to occur in a high wind event. It is recommended that the membrane at these locations are all replaced.




Photos of canopy at line A-DM-14





Photos of canopy at line A-DM-12





Photos of canopy at line A-DM-8

Attention is also needed at line A-SM-2 and A-DM-13, these are marked in the map as orange. The cables, hardware and extrusions mostly need replacement. The membrane has some abrasion and is loose, it is highly likely that the membrane will be further damaged upon removal and re-installation of the fabric. It is strongly recommended that the membrane in these sections are also replaced.



Photos of canopy at line A-SM-2



Photos of canopy at line A-DM-13

The membrane of the lower canopy at side A at all other locations marked in yellow are in fair condition with some abrasion and aging evident, these may possibly be re-used but removal and re-installation of the membrane will likely further damage the fabric. Replacement of the fabric is recommended. The structure components such as cables, hardware, and steel on the other hand are in varying degree of corrosion and deterioration and will either need to be remediated or replaced.



Photos of canopy at A-DM-11



Photos of canopy at A-DM-9

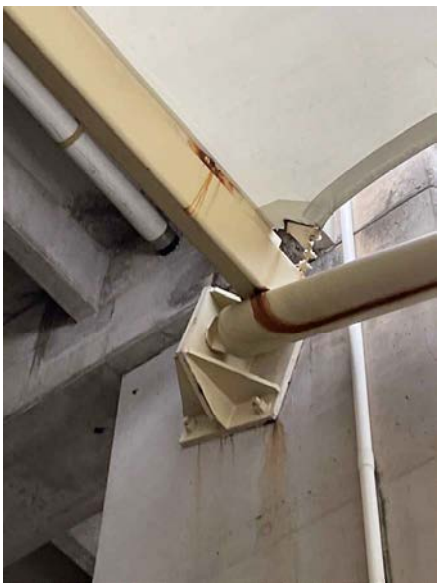



Photos of canopy at A-DM-7




Photos of canopy at A-DM-6





Photos of canopy at A-DM-5




Photos of canopy at A-DM-4




Photos of canopy at A-DM-3



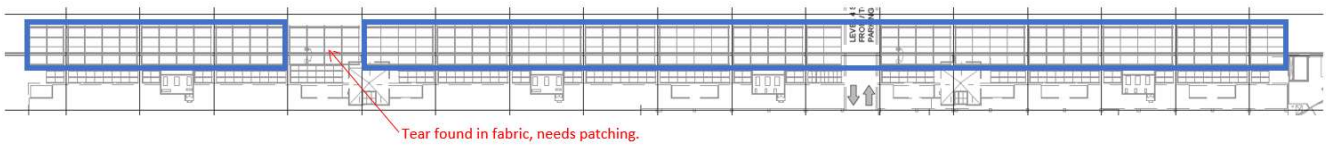

Photos of canopy at A-DM-2



Photos of canopy at A-DM-1

The canopy marked in blue at lines A-DM-16, A-DM-15, A-DM-10, and A-SM-1 are all in relatively good condition and do not need any work.

Canopy: Side A, Upper Level



LEGEND

Canopy needs immediate attention. Membrane and/or its components need replacement.

Membrane will likely be further damaged upon removal and re-installation, it is strongly recommended that the fabric at these sections are replaced. Other structure components need remediation or replacement.

Membrane is in fair condition and may be re-used, but further damage will likely occur upon removal and re-installation. Replacement of fabric is recommended. Other structure components need remediation or replacement.

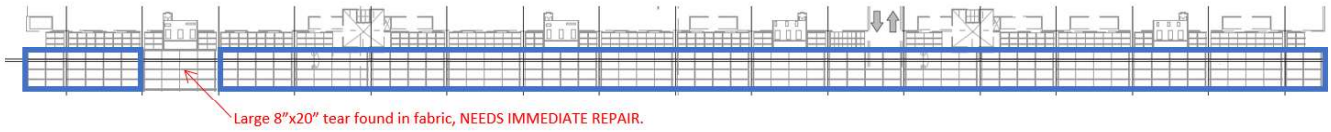
Canopy is in good condition and does not need maintenance.

The canopy at the upper level of side A was found to be in mostly good condition with minimal repairs needed. Some abrasion was observed throughout the membrane, this is cosmetic, and the fabric is otherwise in good condition. Near line A-DM-4, there is a tear at a lower membrane between the fabric connection. This is not an immediate problem but should be patched in the future. The only other maintenance item of note is a handful of locations with minor corrosion on the steel and/or cable ends.



Photo of tear at canopy at line A-DM-4

Canopy: Side B, Upper Level



LEGEND

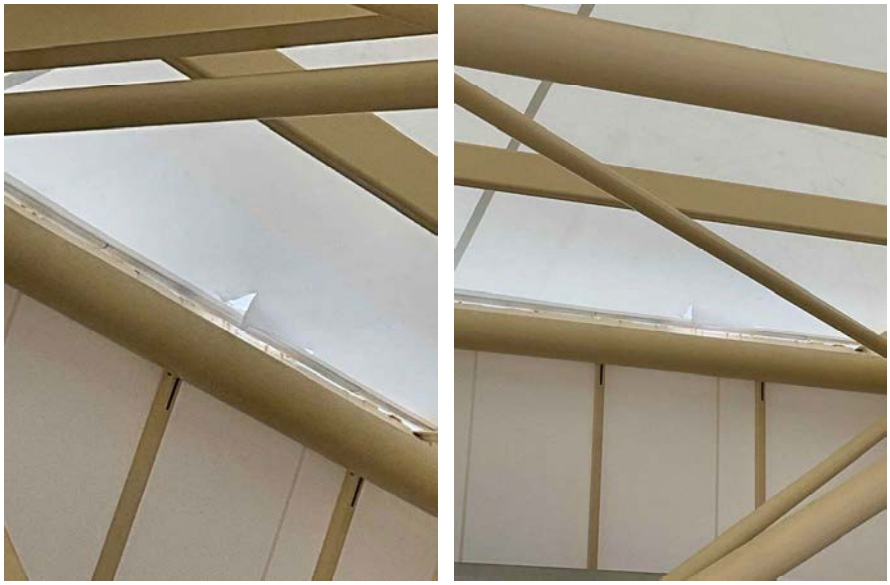
Canopy needs immediate attention. Membrane and/or its components need replacement.

Membrane will likely be further damaged upon removal and re-installation, it is strongly recommended that the fabric at these sections are replaced. Other structure components need remediation or replacement.

Membrane is in fair condition and may be re-used, but further damage will likely occur upon removal and re-installation. Replacement of fabric is recommended. Other structure components need remediation or replacement.

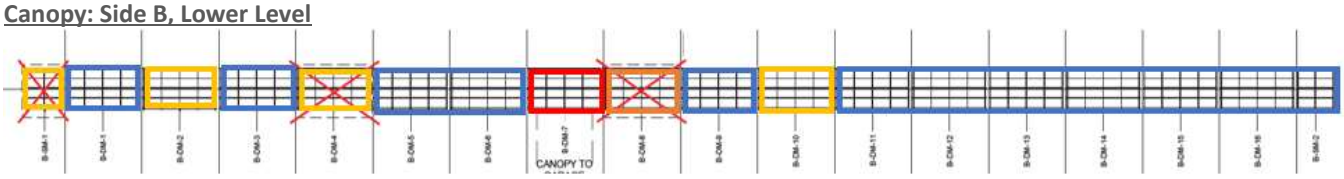
Canopy is in good condition and does not need maintenance.

There is a significant tear found in the fabric near line B-DM-2, the tear is approximately 8” x 20” in size. Total loss of the panel may result if the tear is not patched, this should be repaired as soon as possible. Otherwise, the canopy at the upper level of side B was found to be in good condition with mostly cosmetic deficiencies observed across the fabric and no significant maintenance observations. A patch was applied to a puncture found near line B-DM-4.



Photos of tear at canopy at line B-DM-2

Canopy: Side B, Lower Level



LEGEND

Canopy needs immediate attention. Membrane and/or its components need replacement.

Membrane will likely be further damaged upon removal and re-installation, it is strongly recommended that the fabric at these sections are replaced. Other structure components need remediation or replacement.

Membrane is in fair condition and may be re-used, but further damage will likely occur upon removal and re-installation. Replacement of fabric is recommended. Other structure components need remediation or replacement.

Canopy is in good condition and does not need maintenance.

Attention is needed at line B-DM-7 which is marked in red on the map, this is the canopy that leads to the garage. Cement has splattered along the fabric, connection clamping around the cement column is showing signs of failure, corroded perimeter clamping has released and is causing distortion and uneven loading in the membrane which already has reinforcement from several older repairs. The fabric at this section should be replaced.



Photos of canopy at line B-DM-7

The extrusion clamping at location B-DM-8, marked in orange, has also corroded and released. It is causing unequal loading on the fabric, if left alone this will eventually cause the fabric to fail. The membrane in this section will likely be damaged upon removal and re-installation. It is strongly recommended to have the membrane replaced.



Photos of canopy at line B-DM-8

Canopy sections B-DM-10, B-DM-4, B-DM-2, and B-SM-1 are marked in yellow on the map, and in varying need of maintenance and repair. Extrusion connections are corroded, and clamping has disconnected from the canopy causing uneven loading on the membrane. The membrane is in fair condition and may be re-used but damage is likely upon removal and re-installation of the membrane. Replacement of the fabric is recommended.



Photos of canopy at line B-DM-10





Photos of canopy at line B-DM-4




Photos of canopy at line B-DM-2




Photos of canopy at line B-SM-1

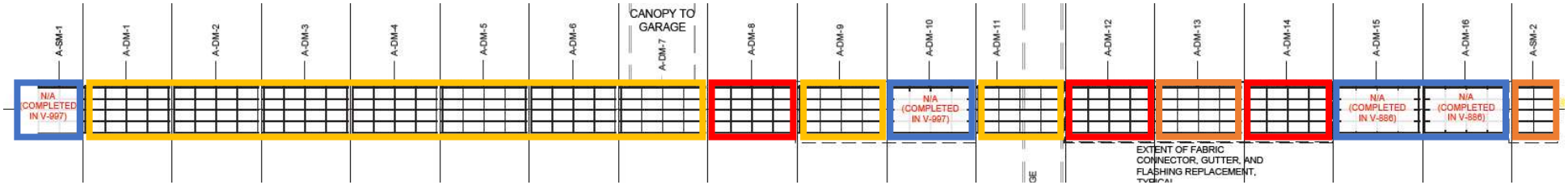
Most of the east section of the lower-level B canopy from B-SM-2 to B-DM-11, sections B-DM-9, B-DM-6, B-DM-5, B-DM-3, and B-DM-1 that are marked in blue on the map were all observed to be in overall good to fair condition with typical wear and tear evident on some of the membrane due to its age. Minimal to no maintenance is needed, the fabric in these sections can likely be re-utilized.

Warm regards,

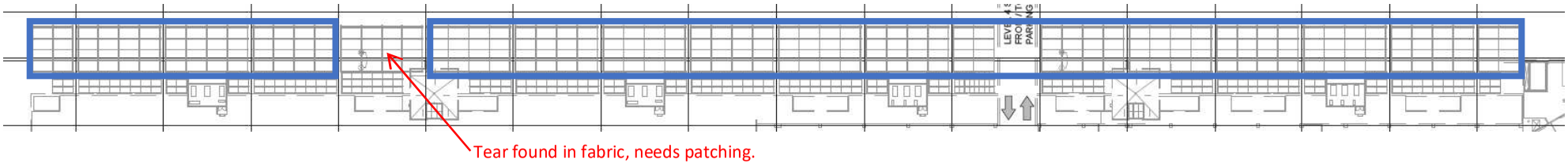
W.D. (Bill) Josserand Jr.

MANAGING MEMBER

A SIDE CANOPY LOWER SECTION



A SIDE CANOPY UPPER SECTION



LEGEND

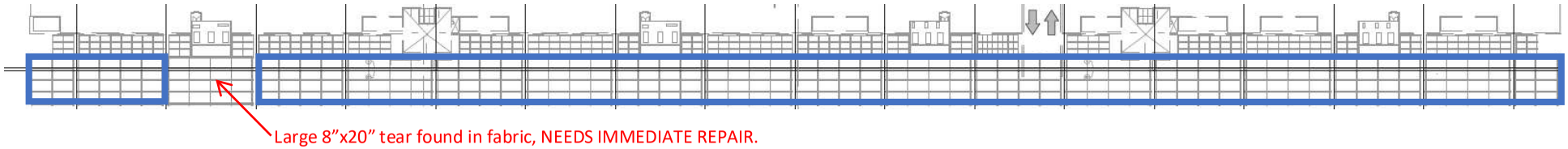
Canopy needs immediate attention. Membrane and/or its components need replacement.

Membrane will likely be further damaged upon removal and re-installation, it is strongly recommended that the fabric at these sections are replaced. Other structure components need remediation or replacement.

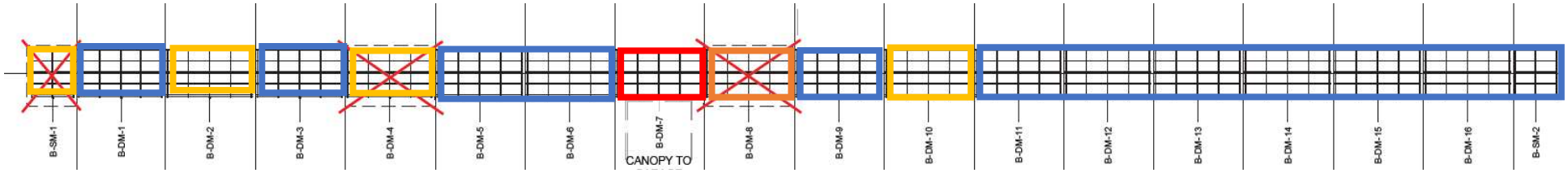
Membrane is in fair condition and may be re-used, but further damage will likely occur upon removal and re-installation. Replacement of fabric is recommended. Other structure components need remediation or replacement.

Canopy is in good condition and does not need maintenance.

B SIDE CANOPY UPPER SECTION



B SIDE CANOPY LOWER SECTION



LEGEND

Canopy needs immediate attention. Membrane and/or its components need replacement.

Membrane will likely be further damaged upon removal and re-installation, it is strongly recommended that the fabric at these sections are replaced. Other structure components need remediation or replacement.

Membrane is in fair condition and may be re-used, but further damage will likely occur upon removal and re-installation. Replacement of fabric is recommended. Other structure components need remediation or replacement.

Canopy is in good condition and does not need maintenance.

OAR Independent Estimate

12/1/2023

V-00992-Rehabilitation of Structural Steel Commercial Lanes Canopies

V-00992-Rehabilitation of Structural Steel Commercial Lanes Canopies					
Scope of Work	**Unit of Measure**	**Qty**	**Unit Cost**	**Total Amount**	**Total Amount**
Mobilization					
Mobilization	LS	1	$ 1,500.00	$ 1,500.00	
Demobilization	LS	1	$ 1,500.00	$ 1,500.00	
			Total Mobilization	**$ 3,000.00**	
Labor					
Superintendent	HR	160	$ 65.00	$ 10,400.00	
Project Manager	HR	160	$ 75.00	$ 12,000.00	
				$ -	
				$ -	
				$ -	
				$ -	
				$ -	
				$ -	
				$ -	
			Total Labor	**$ 22,400.00**	
Equipment					
Scissorlift	MO	1	$800.00	$ 800.00	
42' Forklift	MO	1	$3,500.00	$ 3,500.00	
				$ -	
				$ -	
			Total Equipment	**$ 4,300.00**	
Subcontractor quote from previous project					
Furnish and install new PTFE	SF	37800	$22.93	$ 866,754.00	
			Total Materials with Tax	**$ 866,754.00**	
Subcontracts					
Subcontractor markup			12%	$ 107,574.48	
Prime Contractor markup			8%	$ 80,322.28	
				$ -	
				$ -	
				$ -	
			Total Markup	**$ 187,896.76**	
Total (Rounded to Nearest whole Dollar)					**$ 1,084,350.76**

GREATER ORLANDO AVIATION AUTHORITY
Orlando International Airport, One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

CHANGE ORDER AGENDA
FOR CONSTRUCTION COMMITTEE

CHANGE ORDER 01	AMOUNT $ $3,094.00	Extension Of Time (Subst.): 0 Days Extension Of Time (Final): 0 Days

CONTRACT NO. & DESCRIPTION:	V-01012 Airside 1 Wing 4 Ramp Level Restroom Refurbishments	DATE: 12/19/2023
CONTRACTOR:	HW Davis Construction, Inc.	
A/E:	N/A	

DESCRIPTION OF CHANGE TO CONTRACT**:**

1. Provide material upgrade for the toilet partitions associated with GOAA Facilities selection of a more durable material for the refurbishments to the Airside 1 Wing 4 Ramp Level restrooms. **Add: $3,094.00**.

(The language above will be exactly what will appear on the actual Change Order under "Description of Change".)

REASON FOR CHANGE:

Owner Requested: During the submittal process to select the color and type of toilet partitions, GOAA Facilities selected a more durable material to be installed. This cost is for the difference to upgrade the materials portion only from the originally bid plastic laminate to solid plastic toilet partitions. The contractor's supplier provided a credit for the originally bid materials and a new price quote for the upgraded materials. The difference, with contractor markup, is a total of **$3,094.00**.

SOURCE OF FUNDS: Previously approved Capital Expenditure Funds

Is the above change within the intended scope of the original contract? Yes ☒ No ☐

EXPLAIN: See reason for change above.

Previously Presented Bulletin(s):	NA	(Copy Attached)
Previously Approved Field Change Order(s):	NA	(Copy Attached)

Contractor's Original RCO Submission	$ 3,094.00		
GOAA/OAR Estimate	$ n/a		
(a) Change Contract Amount By			**$ $3,094.00**
(b) Amount of Associated Additional A/E Fees	(Not for Approval / For Info. Only)		$ NA
(c) Amount of Associated Additional OAR Fees	(Not for Approval / For Info. Only)		$ NA
(d) Total Cost Impact of this Change (d = a + b + c)			**$ $3,094.00**
Is there any potential backcharge to the A/E? Yes ☐ No ☒		Omissions	$ N/A
		Errors	$ N/A

PREPARED BY: Colin Paterson, Ardmore Roderick PHONE: Ext 2990

*NOTE: All Agenda Items are to be submitted to **GOAA's Construction-Engineering-Financial (CEF) Consultant no later than the close of business on Monday** for inclusion on the following week's Construction Committee Agenda.*

GOAA's CEF Consultant	Date Received:	Date Review Completed:	Initials of Reviewer:	Verification of Funding by CF
Anser Advisory	12/06/2023	12/13/2023	MM	Melvin Martinez

CC
ITEM III-E
12/19/2023

H W DAVIS CONSTRUCTION, INC.
CGC 010775

1212 29th Street | Orlando, Florida 32805
407-849-1212 | Fax 407-839-4068
www.hwdavis.com

CHANGE PROPOSAL
COVER SHEET

November 28,2023

Mr. Colin Paterson
Greater Orlando Aviation Authority
1 Jeff Fuqua BLVD
Orlando,FL 32827

Project: V-1012 AS1-W4 Restroom Refurb

Proposal #: **1**

Description: **Toilet Partition Change**

Dear Mr. Paterson,
Our proposal to perform the work on the above referenced description is as follows:

				COSTS			
				MATERIAL	LABOR	SUBS	TOTAL
1	COSTS:	From Attached Estimates		-	-	2,813.00	2,813.00
2	TAX:	Local Sales Tax	6.50%	-	-	-	-
		Labor Burden	41.00%	-	-	-	-
		Subtotal: Costs & Tax		-	-	2,813.00	2,813.00
3	FEE:	GC - Material	10.00%	-	-	-	-
		GC - Labor	10.00%	-	-	-	-
		Subcontractor(	10.00%	-	-	281.30	281.30
		Subtotal: Cost, Tax & Fee		-	-	3,094.30	3,094.30
4	BONDS:			-	-	-	-
5	**TOTAL:**			$ -	$ -	$ 3,094.00	**$ 3,094.00**

Unless specifically stated, the above pricing does not include any expediting costs. Delays in approval of this proposal could effect the price. Please respond with five (5) working days.

Sincerely,



Project Manager

Enclosures
Cc: File, Field,

DDTEN,LLC

1495 Seminola Blvd. – Suite 1023 • Casselberry, FL 32707
PHONE 407-790-4074 • FAX 407.790-4074 • E-MAIL awddten@gmail.com
Woman Business Certified

November 28, 2023

Jeff Rife
H W Davis Construction, Inc.
1212 29th St,
Orlando, FL 32805

Quote #23-1882

Job: Orlando International Airport
1 Jeff Fuqua Blvd,
Orlando, FL 32827

DEDUCT

REMOVE
Partitions by ASI Accurate
No specifications provided

Plastic Laminate, Floor Mounted Overhead Braced, Standard Hardware, Standard Color. Four (4) Toilet Compartments.

Installed.....$4,974.00 Tax Included

ADD
Partitions by ASI Accurate
No specifications provided

Solid Plastic, Floor Mounted Overhead Braced, Standard Hardware, Standard Color. Four (4) Toilet Compartments.

Installed.....$7,787.00 Tax Included
Prepayment Required.....$6,230.00

Amount Needed----------$2,813.00

Clifton Taylor
Estimator

Quote Valid for 30 Days

Colin Paterson

From: Lionel Brown <lionel.brown@goaa.org>
Sent: Wednesday, November 29, 2023 7:28 AM
To: Colin Paterson
Cc: Christina Taylor; Jose Garced; Greg Rothwell; Daisily Pagan; Nina Gilbert; Christina Taylor; Tony Odendahl; Brian Gainous; Colin Paterson
Subject: RE: V-1012 AS1 W4 Ramp Level Restrooms - Submittal #10 - Solid plastic Partitions

Follow Up Flag: Follow up
Flag Status: Flagged

Good Morning Colin,

The revised submittal is acceptable. Neutral colors preferred, namely:

- Gray
- Metallic Silver
- Moss
- Folkstone Gray

Regards,

LB

From: Colin Paterson <cpaterson@ardmoreroderick.com>
Sent: Tuesday, November 28, 2023 3:58 PM
To: Lionel Brown <lionel.brown@goaa.org>
Cc: Christina Taylor <christina.taylor@goaa.org>; Jose Garced <jgarced@goaa.org>; Greg Rothwell <greg.rothwell@goaa.org>; Daisily Pagan <dpagan@goaa.org>; Nina Gilbert <nina.gilbert@goaa.org>; Christina Taylor <christina.taylor@goaa.org>; Tony Odendahl <todendahl@ardmoreroderick.com>; Brian Gainous <brian.gainous@goaa.org>; Colin Paterson <colin.paterson@goaa.org>
Subject: V-1012 AS1 W4 Ramp Level Restrooms - Submittal #10 - Solid plastic Partitions

CAUTION: This email originated outside of GOAA. Stop and think before you click! If you are not expecting it or if it looks suspicious, please report it using the Phishing Report Button.

Good Afternoon Lionel and Team,

Please see that attached project submittal for V-01012 for review and approval.

This will replace submittal #2 for Toilet partitions.

Please keep in mind that these solid partitions will be an increase in price of around $3000.
HWD is sending me a proposal.
Lead time is about 3 weeks.

Thanks,

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

Colin Paterson
Sr. Project Manager
Ardmore Roderick / OAR-GOAA

colin.paterson@goaa.org
P 407-825-2990 **C** 863-242-6632

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827
orlandoairports.net

Note: Florida has very broad public records laws. The information in this email will be treated the same as any written document and may be subject to all rules governing public records and information according to Florida Statutes. Any message that falls under Chapter 119, Florida Statutes, shall not be altered in a manner that misrepresents the activities of Greater Orlando Aviation Authority. The contents of this email, including personal email addresses, will be considered public and may be subject to disclosure in response to a public records request. [References: Art. I, § 24, Fla. Const.; Ch. 119, Fla. Stat.]

H W DAVIS CONSTRUCTION, INC.
CGC 056985

1212 29th Street * Orlando, Florida 32805
407-849-1212 * Fax 407-839-4068
www.hwdavis.com

Submittal Cover Sheet

Project: AS-1 Wing Restroom Refurbishment
Greater Orlando Aviation Authority

Submittal No. 10

Owner Rep:
Ardmore Roderick
Contact: Colin Paterson
Phone: 407-825-2990
e-mail cpaterson@ardmoreroderick.com

General Contractor:
H W Davis Construction, Inc
Contact: John Glor
Phone: 407-849-1212
e-mail jglor@hwdavis.com

Spec. Section	Item Submitted	Review Status Code: 1. Approved, 2. Approved as Noted, 3. Revise and Resubmit, 4. Reviewed, 5. Rejected		
		Review Status	By	Date
101600	Solid Plastic Partitions	4	JG	11/28/23

Checking is for general conformance to plans and specifications. Subcontractor / Vendor is responsible for dimensions, quantities, and coordination with other trades. Any action shown is subject to contract requirements and does not authorize any changes involving additional costs unless stated in separate letter or change order.

Notes:

Architect / Consultant Review Stamp / Comments

H W Davis Construction, Inc.
AS-1 Wing Restroom Refurb.
Spec. Section: 101600

☐ No Exceptions Taken ☐ Rejected
☐ Approved as Noted ☐ Resubmit
☐ Make Corrections Noted ■ Reviewed

Reviewed by: John Glor Date : 11/28/23

Checking is for general conformance to plans and specifications. Subcontractor / Vendor is responsible for dimensions, quantities and coordination with other trades. Any action shown is subject to contract requirements and does not authorize any changes involving additional costs unless stated in a separate letter or change order.

ASI Accurate Partitions

Solid Plastic (HDPE) Color Selection Guide


White
9201


Cream
9235


Ivory Essence
Speckle 9500*


Caramel
9658


Mocha
9212


Metallic Bronze
9513


Olive
9223


Moss
9233


Hunter Green
9508


Azure
9231


Blue
9503


Burgundy
9211


Folkstone Gray
9400*


Gray
9200


Metallic Silver
9511


Charcoal
9237


Black
9205


Black Confetti
9217*

ASI Accurate Partitions Corp.
160 Tower Drive
Burr Ridge, IL 60527
Tel: 708.442.6800 Fax: 708.442.7439
E-mail: info@asi-accuratepartitions.com
Web: asi-accuratepartitions.com

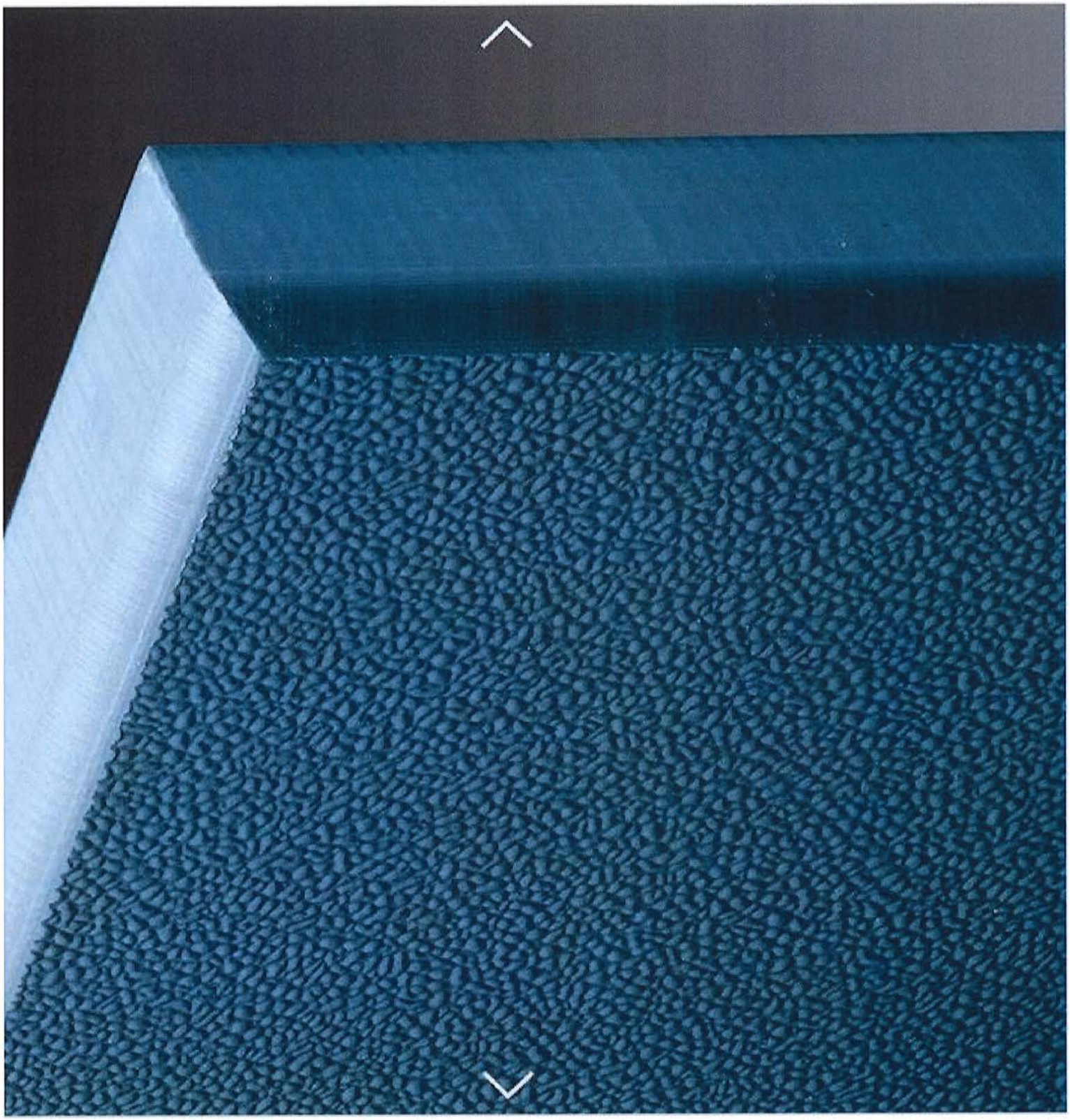
**Not available in Tough Texture™ or Hammered finishes.*
Actual colors may vary slightly from those shown due to limitations in the printing process.

©2019 ASI Accurate Partitions, an ASI Group Company

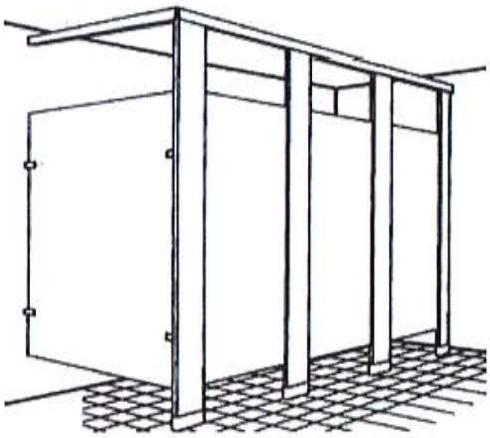
ASI107840519

ASI Group
Integrated Building Products





CARE AND MAINTENANCE



To provide solid plastic toilet partitions with the proper care and maintenance, the following instructions must be followed:

All surfaces should be cleaned with a mild liquid soap only. The finish should then be wiped and dried. In areas containing showers, either self-contained or tiled-in units, the partitions in these rooms must receive ventilation from the outside so that excess humidity can escape.

Under no circumstance should the following agents be used:

- Abrasive powders or scouring pads
- Water closet cleaners
- Ceramic tile cleaners
- Solutions containing more than 1% by volume of ammonia
- Solutions containing acids or lye
- Solutions containing enzymes

If the above instructions are adhered to, our product provides years of dependable service. Global Partitions shall not accept responsibility for product failure if the above instructions are not followed.

ASI Global Partitions

October 17, 2019

ASI Global Partitions warrants that its products will be free of defects in material or workmanship under normal usage from the date of invoice for a period as stated below.

Powder Coated Steel: Three (3) years against chipping, flaking, cracking or discoloration

Stainless Steel: Five (5) years against corrosion or discoloration

Moisture Guard™ Plastic Laminate: Five (5) years against discoloration or delamination

Legacy Plastic Laminate: Two (2) years against discoloration or delamination

Black Core/Color-Thru Phenolic: Twenty-five (25) years against delamination, breakage or corrosion

Solid Plastic (HDPE): Twenty-five (25) years against delamination, breakage or corrosion

If material is found to be defective during the above period, the material shall be repaired or replaced (at ASI Global Partitions' discretion) free of charge. No credits or allowances shall be issued for any labor or expenses relating to the repair replacement of components covered under the warranty plan. The repair or replacement of material shall be the sole remedy of purchaser and ASI Global Partitions shall not be liable for incidental, consequential or indirect damages caused by any defects in the partitions or any delay in repairing or replacing defective product.

These warranties shall not be applicable if vandalism, improper installation, or improper cleaning/maintenance of partitions has contributed as just cause for the partition failure. These warranties extend to commercial and industrial purchasers and do not extend to any other persons, including consumers of the partitions. These warranties are in lieu of all other warranties, express or implied, including any implied warranty of merchantability or fitness for a particular purpose or otherwise.

900 Clary Connector. Eastanollee, GA 30538
www.asi-globalpartitions.com
Tel: 706.827.2700
Fax: 706.827.2710

CCM HANDOUT
12/19/2023
Item IV-A
Revised Memo & Backup

GREATER ORLANDO AVIATION

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

Memorandum

To: **Members of the Construction Committee**

From: **Scott Shedek, Vice President of Construction**
(Prepared by Colin Paterson)

Date: **December 19, 2023**

Re: **Request for Approval of a Job Order Construction Services Addendum to the Continuing Horizontal Construction Services Agreement with Hormac Construction Group, Inc. for H-00367 QTA Fence Relocation Terminals A & B, Orlando International Airport**

The scope of this project is to provide all labor, equipment, and materials to demo and remove a portion of the chain link fence and guardrails and relocate portions of the chain link fence and guardrails at the Rent a Car (RAC) Quick Turn Around (QTA) parking areas at Terminals A & B. The duration of the project is 60 calendar days for Substantial Completion and 30 calendar days for Final Completion with a contemplated Notice to Proceed (NTP) date of January 2, 2024, pending CFOC approval. Liquidated damages are defined as $0.00 per calendar day for late Substantial Completion and $0.00 per calendar day for late Final Completion.

This continuing contractor was selected for this project based on (☑ all that apply):

☒ Experience ☒ Available Personnel ☐ Current Workload

☒ Expertise ☐ Equitable Distribution ☐ Other:_____

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

Funding is from CFC (Customer Facility Charges) subject to Construction Finance Oversight Committee approval. Funding source verified by Melvin Martinez of Construction Finance on 12 / 14 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with above-referenced continuing contractor in the total direct-negotiated amount of $135,320.00, which includes a Lump Sum amount of $135,320.00, allowance(s) totaling the amount of $0.00, and waive the requirement for Performance and Payment Bonds.

The invoicing method for this Job Order Contract will be:

☒ Lump Sum (without Allowances)
Payment Method: Payment on Allowances will be authorized only after an Allowance has been converted to an approved Change Order (or Field Change Order).

CONSTRUCTION AWARD	
L/S	**$135,320.00**
ALLOWANCE (NTE)	
TOTAL	**$135,320.00**
AAC – Compliance Review Date	12/14/2023 ZTG
AAC – Funding Eligibility Review Date	12/14/2023

SECTION 01 11 00 - SUMMARY OF WORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and General Conditions of Contract, including other Division 1 Specification Sections, apply to this Section.

1.2 PROJECT DESCRIPTION

A. Project/Work Identification:

1. The General overall description of the Work of the Contract for the:

   H-TBD, QTA FENCE RELOCATION TERMINALS A & B
   Orlando International Airport
   Orlando, Florida

   can be summarized for purposes of administration and payment in the manner of project segments as follows:

2. The Project consists of removing a portion of the chain link fence and guardrails and relocating portions of the chain link fence and guardrails in the Rent a Car (RAC) Quick Turn Around (QTA) parking areas at Terminals A & B – located at 1 Jeff Fuqua Blvd, Orlando, FL 32827.
   a. Demo and remove approx 1540 LF of chainlink fence.
   b. Demo and remove approx 1140 LF of guardrail.
   c. Install approx 1350 LF of chainlink fence. The fence removed from the demo can be used for the new install.
   d. Install approx 1020 LF of guardrail. The guardrail removed from the demo can be used for the new install.
   e. Cut posts in asphalt flush with grade and fill holes with grout.
   f. Cut anchor bolts in concrete flush with grade.
   g. Remove all gates in demo scope and haul to location on property designated by Owner.
   h. Reinstall 17’ gate removed from Terminal B side onto Terminal A-side at location designated by Owner.

1.3 CONTRACTOR USE OF PREMISES

A. Limit use of the premises to construction activities within areas indicated; allow for any Owner and tenant occupancy, and use by the public.

1. Minimize any disruption to all operating areas, including parking areas.

   a. Existing public services and utility systems shall remain in operation during the construction period, excluding times required for installation of new work unless specifically allowed by the Contract.

b. Schedule and coordinate outages and interruptions of public service with the OAR. See the specific forms for processes and time constraints. Utilize the following forms:

1) Form #018 System Interruption/Utility Outage Notification.
2) Form #018a System Interruption/Utility Outage Notification Procedured.
3) Form #018b Roofing Impact Notification
4) Form #018c Security System Interruption/Outage Request

2. Provide all temporary directional signage, safety, and barricading required for passenger services.

a. Submit a plan indicating signage, safety, and barricading for access routes, storage areas and work sites, at the pre-construction meeting.
b. Directional signing at the access gate and or along the delivery route to the storage area or work site shall be as directed by the OAR.

3. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
4. Access to site shall be shown on the plans or as directed by the OAR. Do not permit any unauthorized construction personnel or traffic on the site. Provide for traffic control to and from the various construction areas. Immediately clean-up any debris deposited along the access road as a result of construction traffic.

a. Keep driveways and entrances serving the premises clear and available to the Owner, Tenant, their employees at all times, and the public. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.

5. All material orders for delivery to the site will use as a delivery address the access point at the Contractor's storage site.

a. Coordinate with the OAR and allow for the least possible disruption of the facilities normal operations for delivery of materials and removal of demolished and discarded materials.
b. Delivery of materials and removal of demolished and discarded materials shall be scheduled as follows:

1) Schedule and coordinate all deliveries and removal of debris as directed by the OAR.

6. The limits of construction material storage areas, equipment storage areas, and parking areas shall be as indicated in the documents or as directed by the OAR. Erect and maintain suitable fencing, marking and warning devices suitable for both day/night use to delineate the perimeter of all such areas. Refer to specification Section 01 55 30 Requirements for Use of Canal Road.

a. Parking management cards may be used to provide contractor parking in the terminal garages and terminal top parking. These cards will cost $60 per card per month, taxes not included.

B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

1.4 OWNER OCCUPANCY

A. Full Owner Occupancy: The Owner, its tenants, and the public will occupy the site and existing building and adjacent facilities (outside the limits of the construction area unless specified) during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts, facilitate occupancy usage, and protect persons and property in the project area during the entire construction period. Perform the Work so as not to interfere with the Owner's operations.

1. All work may be carried out without time restrictions, unless otherwise directed by the Owner.

1.5 LAWS, PERMITS, AND REGULATIONS

A. Comply with all applicable laws, ordinances, regulations, codes, ADA requirements.

B. Obtain and pay for all license and permits, all fees and charges for connection to outside services and parking for Contractor's vehicles.

C. Abide by FAA and Owner’s safety and security regulations and procedures relative to access to, and work in, Airport Operations Areas and secured facilities.

D. Comply with Owner’s insurance requirements.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 01 11 00

THIS PAGE INTENTIONALLY LEFT BLANK

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: **Scott Shedek, Vice President of Construction**
(Prepared by Colin Paterson)

Date: **December 19, 2023**

Re: **Request for Approval of a Job Order Construction Services Addendum to the Continuing Horizontal Construction Services Agreement with Hormac Construction Group, Inc. for H-00367 QTA Fence Relocation Terminals A & B, Orlando International Airport**

The scope of this project is to provide all labor, equipment, and materials to demo and remove a portion of the chain link fence and guardrails and relocate portions of the chain link fence and guardrails at the Rent a Car (RAC) Quick Turn Around (QTA) parking areas at Terminals A & B. The duration of the project is 60 calendar days for Substantial Completion and 30 calendar days for Final Completion with a contemplated Notice to Proceed (NTP) date of January 2, 2024, pending CFOC approval. Liquidated damages are defined as $0.00 per calendar day for late Substantial Completion and $0.00 per calendar day for late Final Completion.

This continuing contractor was selected for this project based on (☑ all that apply):

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

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

Funding is from CFC (Customer Facility Charges) subject to Construction Finance Oversight Committee approval. Funding source verified by _____ of Construction Finance on ___/___/___ as correct and available.

It is respectfully requested that the Construction Committee approve a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with above-referenced continuing contractor in the total direct-negotiated amount of $135,320.00, which includes a Lump Sum amount of $135,320.00, allowance(s) totaling the amount of $0.00, and waive the requirement for Performance and Payment Bonds.

The invoicing method for this Job Order Contract will be:

☒ Lump Sum (without Allowances)
Payment Method: Payment on Allowances will be authorized only after an Allowance has been converted to an approved Change Order (or Field Change Order).

CC
ITEM IV-A
12/19/2023

CONSTRUCTION AWARD	
L/S	**$135,320.00**
ALLOWANCE (NTE)	
TOTAL	**$135,320.00**
AAC – Compliance Review Date	
AAC – Funding Eligibility Review Date	

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: December 19, 2023

RE: Request for Approval of a Job Order Construction Services Addendum to the Continuing Horizontal Construction Services Agreement with Hormac Construction Group, Inc. for H-00367 QTA Fence Relocation Terminals A & B, Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that, due to the limited scope of the services to be provided, Hormac Construction Group, Inc. does not propose small business participation on this job order construction services addendum.

Our analysis indicates that Hormac Construction Group, Inc. is eligible for award of the subject addendum.

SECTION 01 11 00 - SUMMARY OF WORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and General Conditions of Contract, including other Division 1 Specification Sections, apply to this Section.

1.2 PROJECT DESCRIPTION

A. Project/Work Identification:

1. The General overall description of the Work of the Contract for the:

   H-TBD, QTA FENCE RELOCATION TERMINALS A & B
   Orlando International Airport
   Orlando, Florida

   can be summarized for purposes of administration and payment in the manner of project segments as follows:

2. The Project consists of removing a portion of the chain link fence and guardrails and relocating portions of the chain link fence and guardrails in the Rent a Car (RAC) Quick Turn Around (QTA) parking areas at Terminals A & B – located at 1 Jeff Fuqua Blvd, Orlando, FL 32827.
   a. Demo and remove approx 1540 LF of chainlink fence.
   b. Demo and remove approx 1140 LF of guardrail.
   c. Install approx 1350 LF of chainlink fence. The fence removed from the demo can be used for the new install.
   d. Install approx 1020 LF of guardrail. The guardrail removed from the demo can be used for the new install.
   e. Cut posts in asphalt flush with grade and fill holes with grout.
   f. Cut anchor bolts in concrete flush with grade.
   g. Remove all gates in demo scope and haul to location on property designated by Owner.
   h. Reinstall 17’ gate removed from Terminal B side onto Terminal A-side at location designated by Owner.

1.3 CONTRACTOR USE OF PREMISES

A. Limit use of the premises to construction activities within areas indicated; allow for any Owner and tenant occupancy, and use by the public.

1. Minimize any disruption to all operating areas, including parking areas.

   a. Existing public services and utility systems shall remain in operation during the construction period, excluding times required for installation of new work unless specifically allowed by the Contract.

b. Schedule and coordinate outages and interruptions of public service with the OAR. See the specific forms for processes and time constraints. Utilize the following forms:

1) Form #018 System Interruption/Utility Outage Notification.
2) Form #018a System Interruption/Utility Outage Notification Procedured.
3) Form #018b Roofing Impact Notification
4) Form #018c Security System Interruption/Outage Request

2. Provide all temporary directional signage, safety, and barricading required for passenger services.

a. Submit a plan indicating signage, safety, and barricading for access routes, storage areas and work sites, at the pre-construction meeting.
b. Directional signing at the access gate and or along the delivery route to the storage area or work site shall be as directed by the OAR.

3. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
4. Access to site shall be shown on the plans or as directed by the OAR. Do not permit any unauthorized construction personnel or traffic on the site. Provide for traffic control to and from the various construction areas. Immediately clean-up any debris deposited along the access road as a result of construction traffic.

a. Keep driveways and entrances serving the premises clear and available to the Owner, Tenant, their employees at all times, and the public. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.

5. All material orders for delivery to the site will use as a delivery address the access point at the Contractor's storage site.

a. Coordinate with the OAR and allow for the least possible disruption of the facilities normal operations for delivery of materials and removal of demolished and discarded materials.
b. Delivery of materials and removal of demolished and discarded materials shall be scheduled as follows:

1) Schedule and coordinate all deliveries and removal of debris as directed by the OAR.

6. The limits of construction material storage areas, equipment storage areas, and parking areas shall be as indicated in the documents or as directed by the OAR. Erect and maintain suitable fencing, marking and warning devices suitable for both day/night use to delineate the perimeter of all such areas. Refer to specification Section 01 55 30 Requirements for Use of Canal Road.

a. Parking management cards may be used to provide contractor parking in the terminal garages and terminal top parking. These cards will cost $60 per card per month, taxes not included.

B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

1.4 OWNER OCCUPANCY

A. Full Owner Occupancy: The Owner, its tenants, and the public will occupy the site and existing building and adjacent facilities (outside the limits of the construction area unless specified) during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts, facilitate occupancy usage, and protect persons and property in the project area during the entire construction period. Perform the Work so as not to interfere with the Owner's operations.

1. All work may be carried out without time restrictions, unless otherwise directed by the Owner.

1.5 LAWS, PERMITS, AND REGULATIONS

A. Comply with all applicable laws, ordinances, regulations, codes, ADA requirements.

B. Obtain and pay for all license and permits, all fees and charges for connection to outside services and parking for Contractor's vehicles.

C. Abide by FAA and Owner’s safety and security regulations and procedures relative to access to, and work in, Airport Operations Areas and secured facilities.

D. Comply with Owner’s insurance requirements.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 01 11 00

THIS PAGE INTENTIONALLY LEFT BLANK

Hormac Construction Group, Inc.
3218 East Colonial Drive. Suite 106
Orlando FL 32803
Phone: 831-673-0456
Fax: 321-281-8380
pavon@hormac.us
www.hormac.us

CONTRACT PROPOSAL FOR H-TBD, QTA FENCE RELOCATION TERMINALS A & B.
WORK TO BE PERFORMED AT ORLANDO INTERNATIONAL AIRPORT
ORLANDO, FLORIDA.
December 5, 2023

Scope Of Work:

The project consists of removing a portion of the chain-link fence and guardrails and relocating portions of the **same** chain-link fence and guardrails in the Rent A Car (RAC) Quick Turn Around (QTA) parking areas at terminals A & B, located at 1 Jeff Fuqua Blvd, Orlando, Florida.

Quantities:

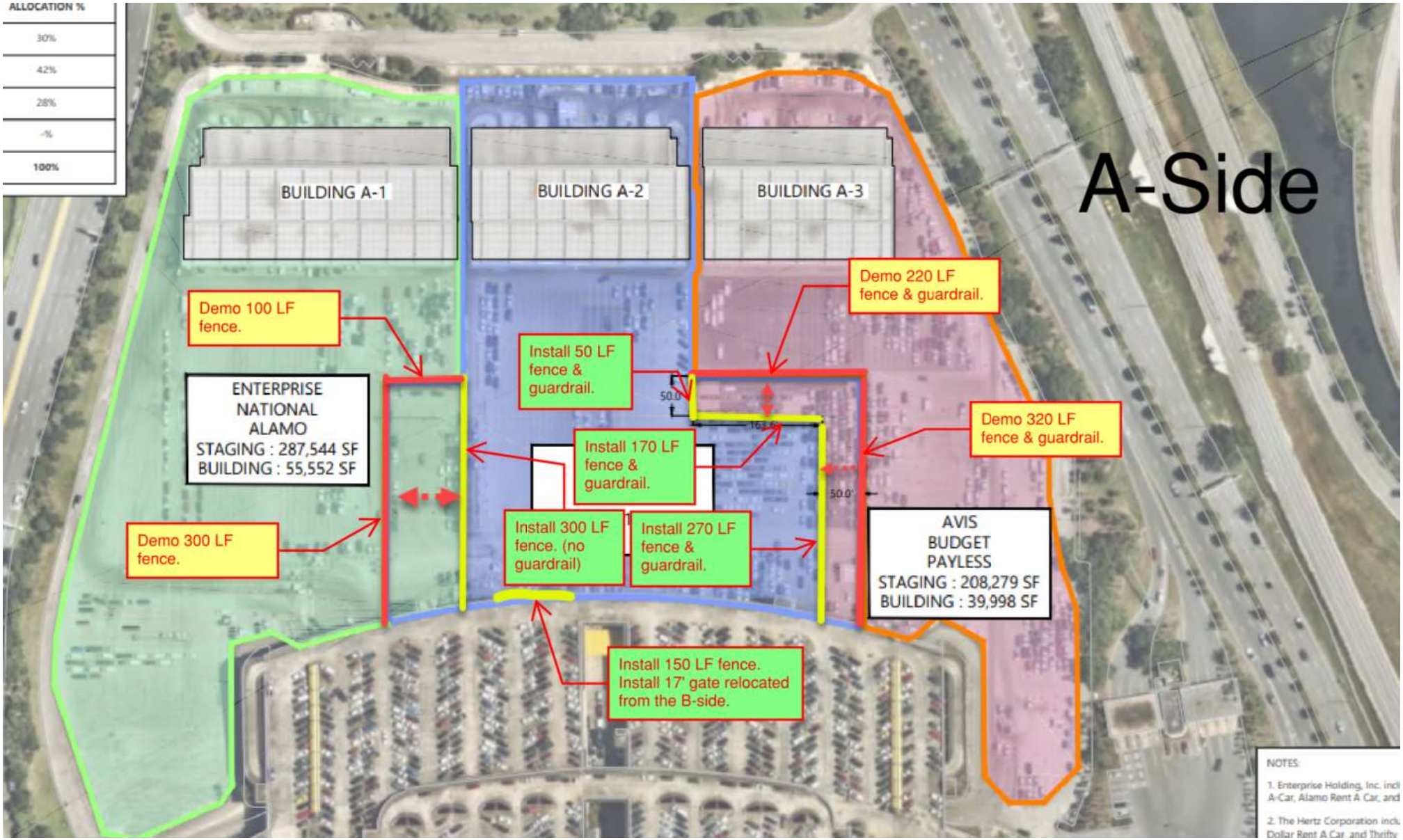
1. Based on the information available, approximately 1,540 LF of chain-link fence and 1,140 LF of guardrail are to be demo and removed.
2. Approximately 1,350 LF of chain-link fence and 1,020 LF of guardrail are to be reinstalled using the same above-mentioned materials.

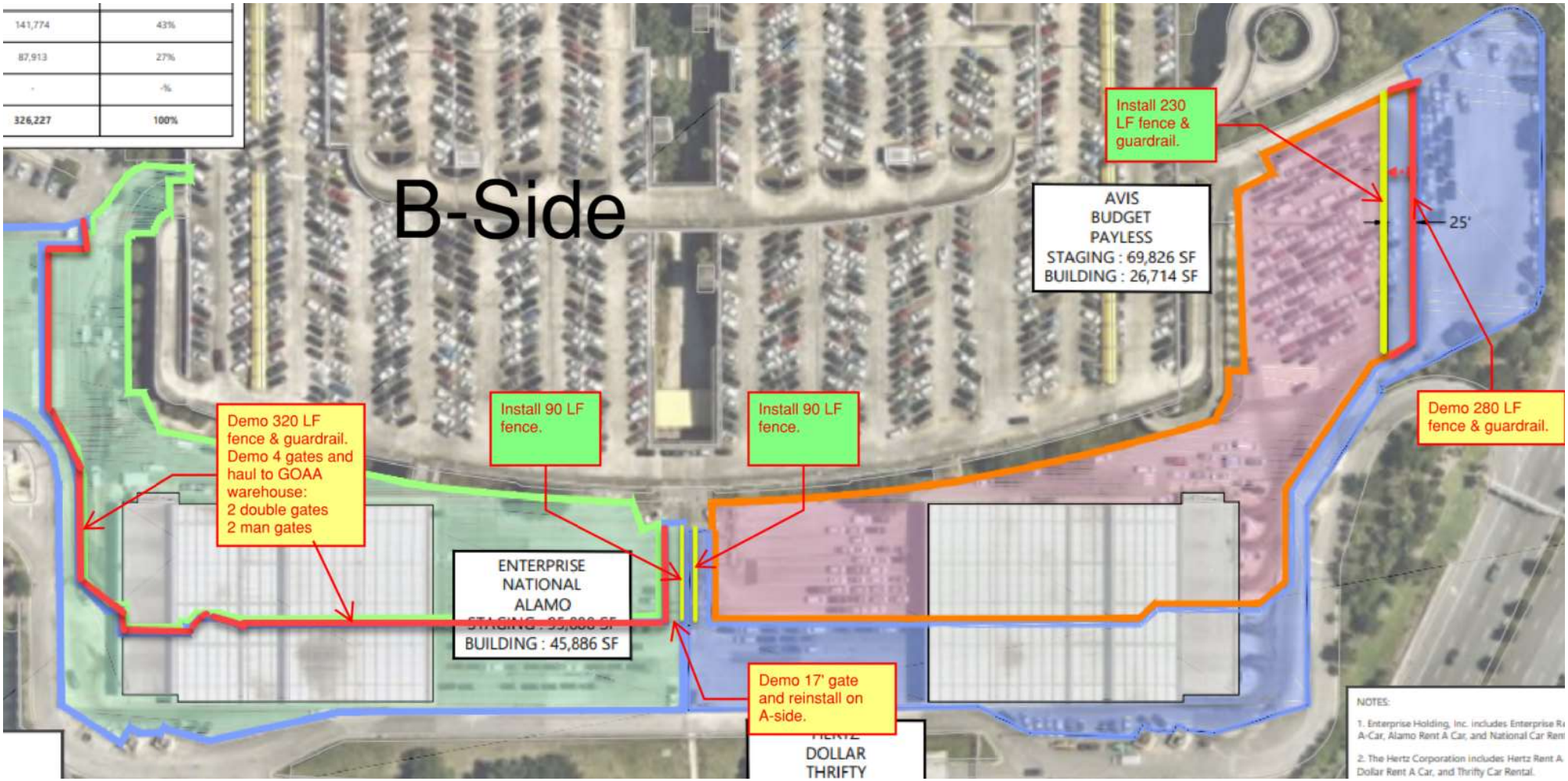
Line Items Descriptions & Pricing:

Removal & reinstallation of existing metal fence & guardrail	$135,320.00 USD
GRAND TOTAL	**$135,320.00 USD**

Note: Unit price to procure new guardrail and install it including labor and equipment is $65.00 USD per linear feet (LF).

Thank you for your business.


ALLOCATION %
30%
42%
28%
-%
100%
A-Side
BUILDING A-1
BUILDING A-2
BUILDING A-3
Demo 100 LF fence.
Demo 220 LF fence & guardrail.
Install 50 LF fence & guardrail.
ENTERPRISE
NATIONAL
ALAMO
STAGING : 287,544 SF
BUILDING : 55,552 SF
Install 170 LF fence & guardrail.
Demo 320 LF fence & guardrail.
Demo 300 LF fence.
Install 300 LF fence. (no guardrail)
Install 270 LF fence & guardrail.
AVIS
BUDGET
PAYLESS
STAGING : 208,279 SF
BUILDING : 39,998 SF
Install 150 LF fence.
Install 17' gate relocated from the B-side.
NOTES:


141,774 43%
87,913 27%
- -%
326,227 100%
B-Side
Install 230 LF fence & guardrail.
AVIS
BUDGET
PAYLESS
STAGING : 69,826 SF
BUILDING : 26,714 SF
25'
Demo 280 LF fence & guardrail.
Install 90 LF fence.
Install 90 LF fence.
Demo 320 LF fence & guardrail. Demo 4 gates and haul to GOAA warehouse:
2 double gates
2 man gates
ENTERPRISE
NATIONAL
ALAMO
BUILDING : 45,886 SF
Demo 17' gate and reinstall on A-side.
DOLLAR
THRIFTY
NOTES:
1. Enterprise Holding, Inc. includes Enterprise R
A-Car, Alamo Rent A Car, and National Car Rent
2. The Hertz Corporation includes Hertz Rent A
Dollar Rent A Car, and Thrifty Car Rental.

PROJECT START-UP PACKAGE FOR H-00367-MCO

PROJECT ASSESSMENT FORM (PAF)

Coding by Construction Finance :

Short Name:	
Template:	
Campus:	
Cost Center:	
Organization:	
Program:	
Subprogram:	

DATE: December 8, 2023

TO: Kevin J. Thibault, P.E, Chief Executive Officer

FROM: Scott Shedek, Vice President, Construction

SUBJECT: **Project Start-Up**

H-00367-MCO QTA FENCE RELOCATION TERMINALS A AND B
Orlando International Airport

PROGRAM: Facilities Improvements Projects / Concessions/Tenant Improvement Projects (FIP)

DESCRIPTION OF PROJECT:

Relocate fence at Terminals A and B Rent-A-Car (RAC) Quick Turn-Around (QTA) at the Orlando International Airport.

SPONSOR: Engineering & Construction

PROPOSED DELIVERY METHOD: (Proposed)

A/E: NONE

Construction: Direct Negotiated - Traditional

OAR Design Phase: NONE

OAR Constr. Phase: The Roderick Group, Inc. dba Ardmore Roderick

PROJECT PRIORITY: Low Priority

SCHEDULE: (See Details under "CURRENT STATUS" Below)

Advertise:		
Pre-Bid Conference:		
Bid Opening:		
Ant. Notice to Proceed:	01/02/2024	
Ant. Subst. Completion:	03/01/2024	**60 Calendar Days**
Ant. Final Completion:	03/31/2024	**30 Calendar Days**

LIFE EXPECTANCY OF PROJECT: 20 Years

FUNDING: ~~Cap. Ex. (Capital Expenditure Fund)~~ CFC (Customer Facility Charges)

CONTROL BUDGET:

Task	$ Amount	BY CONSTRUCTION FINANCE: $ FUNDED	BY CONSTRUCTION FINANCE: $ UNFUNDED	Comments
A/E Consultant Fees - Design Phase (Base)	$0.00			
A/E Consultant Fees - Construction Phase (Base)	$0.00			
Construction	$145,000.00			
OAR Fees - Design Phase	$0.00			
OAR Fees - Construction Phase	$14,500.00			
Miscellaneous	$0.00			
Contingency	$20,000.00			
TOTAL	**$179,500.00**			

Comments by Construction Finance

FAA/AIP				
FDOT				
PFCs				
Authority Funds				
Other Funds				
TOTAL				

CC: Fully executed copy will be posted to \GROUPS\CONST_ENG\PDF- Start-Up Packages\

PROJECT START-UP PACKAGE FOR H-00367-MCO

CURRENT STATUS:

FUNDING: CapEx

STATUS: Anticipate direct-negotiations with continuing horizontal contractor.

TENTATIVE SCHEDULE:
12/19/23 Receive Approval to Award from CC
01/02/24 Complete Contract Execution
01/02/24 Issue Construction NTP (effective date)
03/01/24 Substantial Completion (60 cal. days from NTP)
03/31/24 Final Completion (30 cal. days from Subst.)

DRB (DISPUTE REVIEW BOARD):

DRB requirement IS NOT anticipated.

SYSTEMS / AREAS AFFECTED:

NONE

ANTICIPATED PERMITS:

PERMITS

Agency :	Type Of Permit:	Permit No:	Issued:	Expires:	Final:	Comments:	Address:

CC: Fully executed copy will be posted to \GROUPS\CONST_ENG\PDF- Start-Up Packages\

PROJECT START-UP PACKAGE FOR H-00367-MCO

REVIEWED BY:

Date: _____

Scott Shedek,Vice President, Construction

SPONSORING DEPARTMENT (Per Policy 430.04)

Date: _____

Scott Shedek,Vice President, Construction (Project Manager)

Date: _____

Scott Shedek,Vice President, Construction

Date: _____

,

ENGINEERING & CONSTRUCTION SENIOR STAFF:

Date: _____

Date: _____

Scott Shedek, Vice President, Construction

Date: _____

Max E. Marble, Senior Vice President, Capital Programs

FOR CONSTRUCTION FINANCE USE ONLY:

Date: _____

Kathleen M. Sharman, Executive Vice President, Chief Financial Officer

Date: _____

Kevin J. Thibault, P.E, Chief Executive Officer

If signing as a Temporary Designee, attach a copy of authorization memo (or e-mail)

CC: Fully executed copy will be posted to \GROUPS\CONST_ENG\PDF- Start-Up Packages\

December 05, 2023

Greater Orlando Aviation Authority
One Jeff Fuqua Blvd.
Orlando, FL 32827

Attention: Colin Paterson, CCM

RE: GOAA QTA Fence Relocation Proposal (REV 01)

Dear Mr. Paterson,

Carr and Collier, Inc. (CCI), is proud to submit a price proposal for the QTA Fence Relocation for the Lump Sum amount of $143,709.00. The project scope of services is based upon our site visits and other correspondences. A summary of the scope of work is outlined below:

Scope of Work:

- Mobilization / General Conditions / Project Management / Supervision
- Demolition of existing fence
  - Approx. 1,540 LF
  - Approx. 1,140 LF of which also has existing guardrail to remove
  - Galvanized chain link
  - Posts to be cut flush @ T.O.G.
  - A work area free of any items (vehicles, dumpsters, etc) of 20' off each side of the centerline of fence is expected.
  - Cut post bases are to be grout filled.
- Installation of new fence
  - Approx. 1,350 LF
  - Approx. 720 LF of which has guardrail to relocate from the existing fence
  - 6' galvanized chain link to be reused from the existing fence
  - Posts to be cored and buried in concrete
  - A work area free of any items (vehicles, dumpsters, etc) of 20' off each side of the centerline of fence is expected.
- Clean-up / Demobilize

Exclusions:

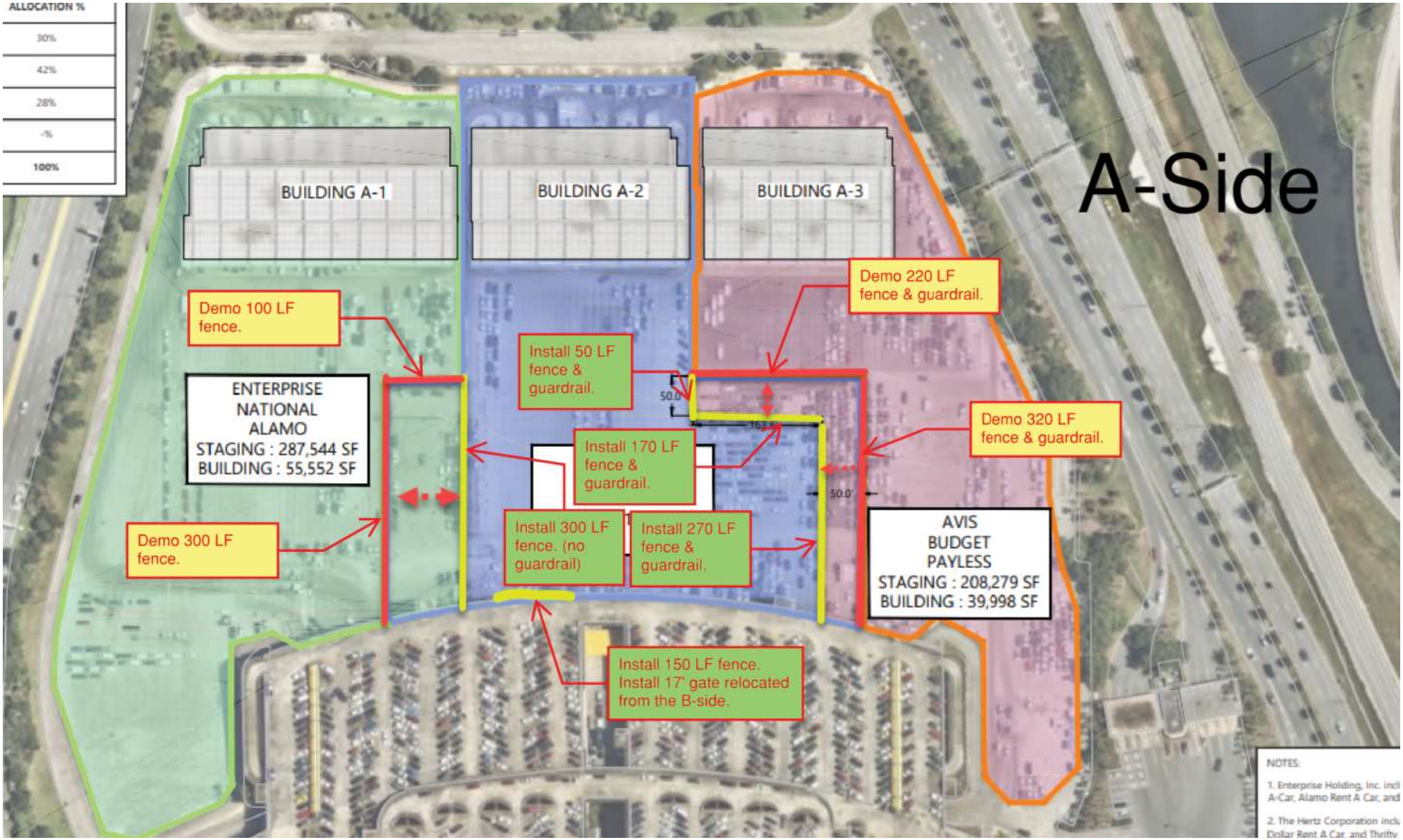
- Directional traffic spikes (relocation or new)
- Traffic barricades (relocation or new)
- Buildings (relocation or new)
- Furnishing of new traffic guardrail
- Signage (relocation or new)
- Bollards (relocation, demo, or new)
- Relocation or disposal of any items (vehicles, dumpsters, signs, etc.) in the construction area.

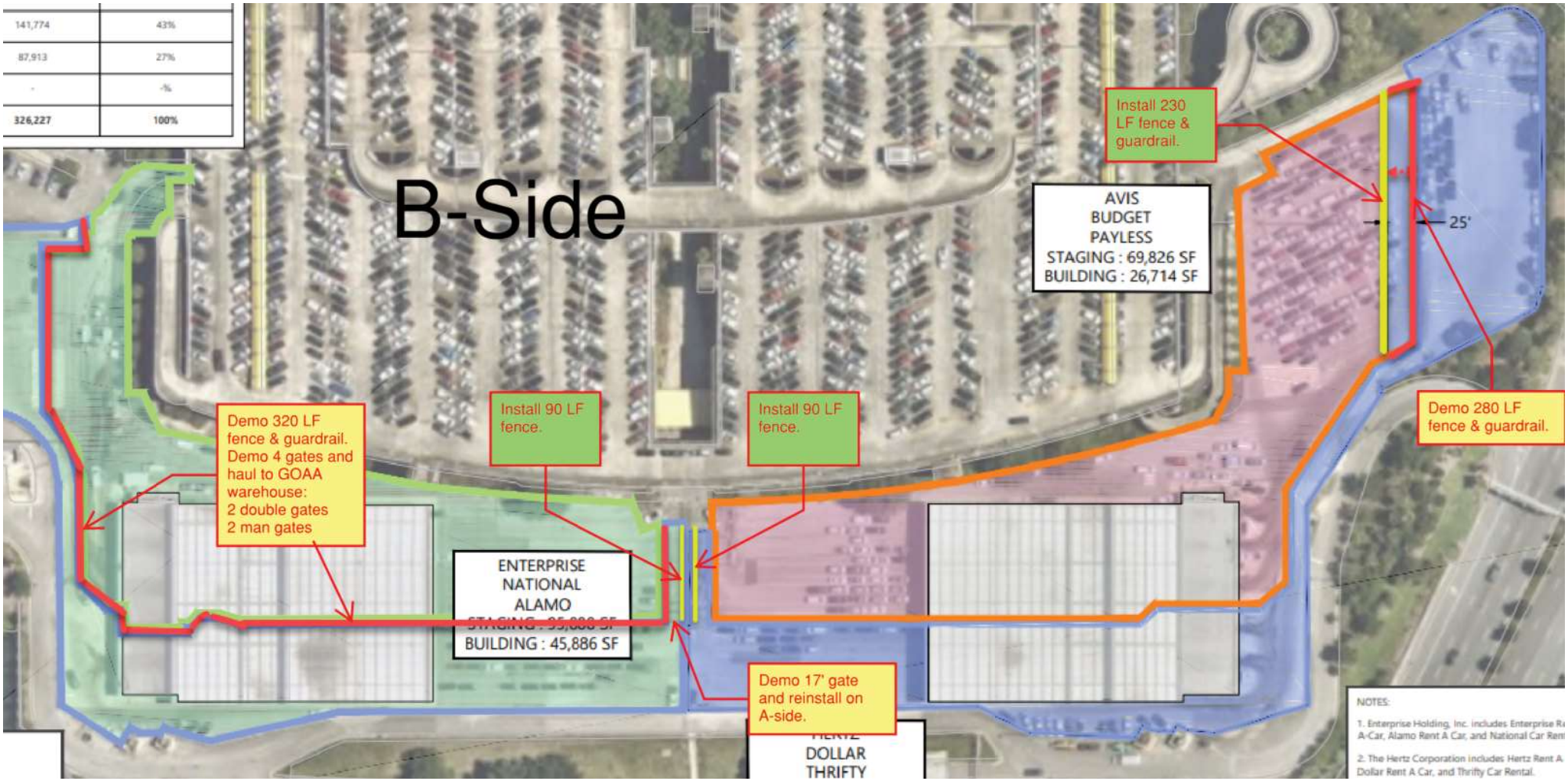
- Diversion of rental cars, however, a schedule and coordination of the work area and timeline will be provided for the rental car companies to divert all traffic or parking away from the work area.
- Asphalt or concrete resurfacing or repairs
- Grounding of fence
- #57 stone turtle barrier
- GOAA Badges
- As-builts
- Night Work
- Payment & Performance Bond, if required add 1.2%
- Proposal is valid for 30 days upon submission.

We appreciate the opportunity to work with GOAA on this and future projects. If you have any questions or concerns, please contact me directly at (352) 818-3476 or via e-mail at jduytsche@carrandcollier.com.

Sincerely,

Julien Duytsche
Estimator/Project Manager


ALLOCATION %
30%
42%
28%
-%
100%
A-Side
BUILDING A-1
BUILDING A-2
BUILDING A-3
Demo 100 LF fence.
Demo 220 LF fence & guardrail.
Install 50 LF fence & guardrail.
ENTERPRISE NATIONAL ALAMO
STAGING : 287,544 SF
BUILDING : 55,552 SF
Demo 320 LF fence & guardrail.
Install 170 LF fence & guardrail.
Demo 300 LF fence.
Install 300 LF fence. (no guardrail)
Install 270 LF fence & guardrail.
AVIS BUDGET PAYLESS
STAGING : 208,279 SF
BUILDING : 39,998 SF
Install 150 LF fence. Install 17' gate relocated from the B-side.
NOTES:

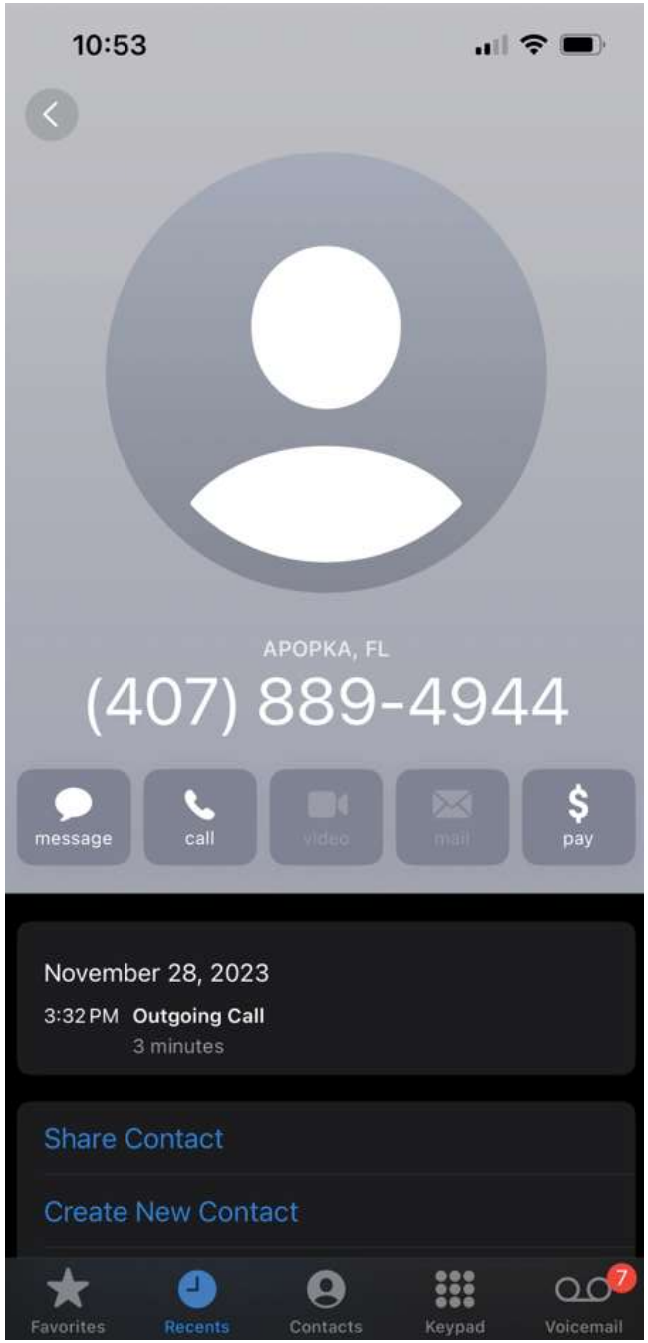

B-Side
141,774
43%
87,913
27%
-
-%
326,227
100%
Install 230 LF fence & guardrail.
AVIS
BUDGET
PAYLESS
STAGING : 69,826 SF
BUILDING : 26,714 SF
25'
Demo 280 LF fence & guardrail.
Demo 320 LF fence & guardrail. Demo 4 gates and haul to GOAA warehouse:
2 double gates
2 man gates
Install 90 LF fence.
Install 90 LF fence.
ENTERPRISE
NATIONAL
ALAMO
BUILDING : 45,886 SF
Demo 17' gate and reinstall on A-side.
DOLLAR
THRIFTY
NOTES:
1. Enterprise Holding, Inc. includes Enterprise R
A-Car, Alamo Rent A Car, and National Car Rent
2. The Hertz Corporation includes Hertz Rent A
Dollar Rent A Car, and Thrifty Car Rental.

MWBE Good Faith Effort Backup

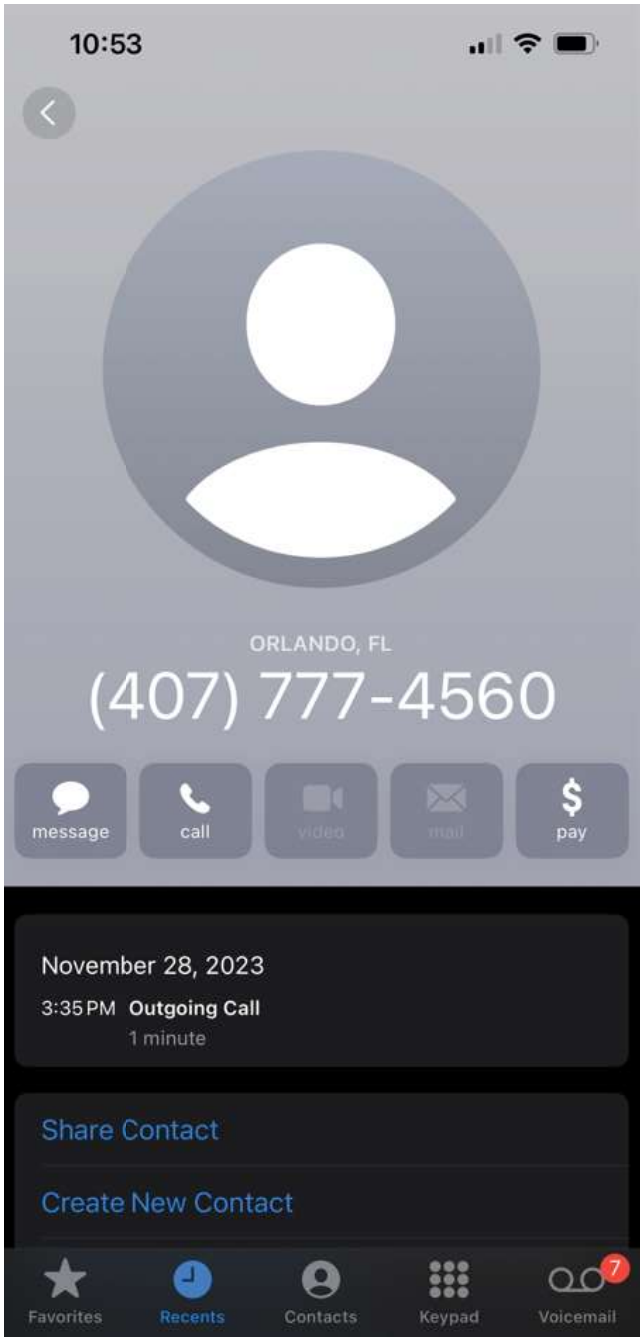
GOAA's Certified Directory
As of 11/28/2023 9:20:57 AM
Results filtered by search parameters

The information provided in this file is not to be used for unsolicited advertising, spam, or any other unauthorized use.

Company Name	DBA Name	Owner First	Owner Last	Physical Address	City	State	Zip	Mailing Address	City	State	Zip	Phone	Fax	Email	Website	Agency	Certification Type	Capability	Firm is LDB or LDB CMAR:	Commodity Codes
JCQ Services, Inc.	Suite 130	Juan C.	Quiroga	7200 Lake Ellenor Dr, Suite 210	Orlando	FL	32809	7200 Lake Ellenor Dr., Suite 210	Orlando	FL	32809	407-889-4944	407-889-9244	eliana@jcqservices.com	http://www.jcqservices.com	GOAA	MWBE	FF&E Services, Construction Daily and Clean Up, Hardware Installation, Facilities Maintenance, Warehousing	Not Applicable	236220 - Commercial and Institutional Building Construction; 238910 - Demolition contractor; 332323 - Fences and gates (except wire), metal, manufacturing; 484110 - General Freight Trucking, Local; 493110 - General Warehousing and Storage; 56299 - All Other Waste Management Services
Parker Construction Enterprises, Inc.		Juliette	Parker	618 E South Street, Suite 500	Orlando	FL	32801	618 E South St., Suite 500	Orlando	FL	32801	407-777-4560		jparker@pceconstruction.com	http://www.pceconstruction.com	GOAA	LDB	Parker Construction Enterprises specializes in construction management, and general construction services and products that add value and meet the needs of clients' respective missions. Firm offers valuable solutions, strategic performance, safety management, quality control and professionalism, while mitigating risk and providing clients with PCE of mind.	LDB	236220 - Addition, alteration and renovation, for-sale builders, commercial and institutional building; 238160 - Roofing contractors; 238220 - Plumbing, Heating, and Air-Conditioning Contractors; 238310 - Drywall and Insulation Contractors; 238320 - Painting and Wall Covering Contractors; 332618 - Fencing and fence gates made from purchased wire; 423830 - Compactors, trash, industrial, merchant wholesalers
Parker Construction Enterprises, Inc.		Juliette	Parker	618 E South Street, Suite 500	Orlando	FL	32801	618 E South St., Suite 500	Orlando	FL	32801	407-777-4560		jparker@pceconstruction.com	http://www.pceconstruction.com	GOAA	MWBE	Parker Construction Enterprises specializes in construction management, and general construction services and products that add value and meet the needs of clients' respective missions. Firm offers valuable solutions, strategic performance, safety management, quality control and professionalism, while mitigating risk and providing clients with PCE of mind.	LDB	236220 - Addition, alteration and renovation, for-sale builders, commercial and institutional building; 238160 - Roofing contractors; 238220 - Plumbing, Heating, and Air-Conditioning Contractors; 238310 - Drywall and Insulation Contractors; 238320 - Painting and Wall Covering Contractors; 332618 - Fencing and fence gates made from purchased wire; 423830 - Compactors, trash, industrial, merchant wholesalers



Call to JCQ Services, Inc. on November 28, 2023 @ 3:32 PM



Call to Parker Construction Enterprises, Inc. on November 28, 2023 @ 3:35 PM

GOAA QTA Fence Relocation

JD

Julien Duytsche

To

Cc Carr & Collier Estimating

Bcc mike@accuratefence.net; don@allritefence.com; rich@allritefence.com; bids@allrightfence.com; herculesfenceco@gmail.com; ivan@kmgfence.com; dan@straightupfencefl.net; EstimatingDept.SUF; eliana@jcqservices.com; jparker@pceconstruction.com; monica@jcqservices.com; gsmith@smithfence.com

Reply | Reply All | Forward

Tue 11/28/2023 3:39 PM

You replied to this message on 11/29/2023 3:46 PM.

GOAA QTA Fence Relocation Plans.pdf
603 KB

Potential Bidder,
Please find the following information regarding a new project at the Orlando International Airport. I've attached a set of plans to follow.

Bid Due Date:

Thursday 11/30/23 by EOD

I understand this is VERY tight, however, the owners rep just sent out requests this week. Please let me know if you are unable to meet this timeline.

Timeline:

Start: 01/02/24
End: 02/29/24

Location:

Orlando International Airport, Terminals A & B

Description:

The Greater Orlando Aviation Authority (GOAA) is reallocating their lease contracts with their rental car companies. Because of this, the fence layout within the parking lots of Terminals A & B has to be altered. This project involves the demo of existing fence (lined in RED on the attached), relocation of existing fence (lined in GREEN on the attached), and relocation of existing fence mounted guardrail.

Scope:

- Demo of existing fence
  - QTY: approx. 2,182 LF
  - Cut posts flush with concrete at base.
  - Save existing chain link fence for use at "new fence".
  - You will be responsible for handling of all demoed materials.
- "New" Fence
  - QTY: approx. 987 LF
  - Use existing chain link from demoed fence. Only UNDAMAGED chain link is to be reused. If any additional chain link is required (not expected) you will need to provide.
  - New posts.
  - Core into existing asphalt or concrete and bury new posts in concrete.

Thanks,

Julien Duytsche
Estimator/Project Manager
Carr & Collier Inc.
2864 W Main St.
Leesburg, FL 34748
Mobile:(352) 818-3476

CCM HANDOUT
12/19/2023
Item IV-B
Revised Memo

GREATER ORLANDO AVIATI

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

Memorandum

To: **Members of the Construction Committee**

From: **Scott Shedek, Vice President of Construction**
(As prepared by Brian Gainous)

Date: **December 19, 2023**

Re: **Request for Approval of a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with H.A. Contracting Corp. V-00976 Smart Restroom Pilot Project at the Orlando International Airport**

The scope of this project is to provide all labor, equipment, materials to evaluate and implement the use of a system of sensors to monitor certain metrics in terminal restrooms. The sensors will collect data which can be utilized to schedule maintenance and cleaning of the restrooms to improve passenger experience. Specific sensors for water levels (to identify standing water on the floors), waste receptacle/paper towel & toilet paper capacities, CO2, water flow (to identify leaks), custodial electronic check-in and customer satisfaction feedback will be implemented. The project will use (1) set of men/women's restrooms in a frequently used location to test the sensor system. The duration of the project is **150** calendar days for Substantial Completion and **30** calendar days for Final Completion with a contemplated Notice to Proceed (NTP) date of December **26, 2023.** Liquidated damages are defined as **$0.00** per calendar day for late Substantial Completion and **$0.00** per calendar day for late Final Completion.

This continuing contractor was selected for this project based on (☑ all that apply):

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

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

Funding is from Previously Approved Operations & Maintenance Funds **301.631.210.5340007.000.000000.** Funding source verified by Andrea Harper of Construction Finance on 12/14/23 as correct and available.

It is respectfully requested that the Construction Committee approve a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with above-referenced continuing contractor in the total direct-negotiated amount of **$87,623.52** which includes a Lump Sum amount of **$87,623.52** allowance(s) totaling the amount **of $0.00,** and waive the requirement for Performance and Payment Bonds

The invoicing method for this Job Order Contract will be:

☒ Lump Sum (with or w/o Allowances)

Payment Method: Payment on Allowances will be authorized only after an Allowance has been converted to an approved Change Order (or Field Change Order).

CONSTRUCTION AWARD	
L/S	**$87,623.52**
ALLOWANCE (NTE)	
TOTAL	**$87,623.52**
AAC – Compliance Review Date	12/12/2023 ZTG
AAC – Funding Eligibility Review Date	12/12/2023

Req 95835

Number	Description	Approval Status	Creation Date	Currency	Total	Preparer
95835	CM: 12/19/23 V-00976	In Process	13-DEC-2023 11:27:5	USD	87,623.52	Field, John M

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: **Scott Shedek, Vice President of Construction**
(As prepared by Brian Gainous)

Date: **December 19, 2023**

Re: **Request for Approval of a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with H.A. Contracting Corp. V-00976 Smart Restroom Pilot Project at the Orlando International Airport**

The scope of this project is to provide all labor, equipment, materials to evaluate and implement the use of a system of sensors to monitor certain metrics in terminal restrooms. The sensors will collect data which can be utilized to schedule maintenance and cleaning of the restrooms to improve passenger experience. Specific sensors for water levels (to identify standing water on the floors), waste receptacle/paper towel & toilet paper capacities, CO2, water flow (to identify leaks), custodial electronic check-in and customer satisfaction feedback will be implemented. The project will use (1) set of men/women's restrooms in a frequently used location to test the sensor system. The duration of the project is **150** calendar days for Substantial Completion and **30** calendar days for Final Completion with a contemplated Notice to Proceed (NTP) date of December **26, 2023.** Liquidated damages are defined as **$0.00** per calendar day for late Substantial Completion and **$0.00** per calendar day for late Final Completion.

This continuing contractor was selected for this project based on (☑ all that apply):

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

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

Funding is from Previously Approved Operations & Maintenance Funds **301.631.210.5340007.000.000000.** Funding source verified by _____ of Construction Finance on ___/___/___ as correct and available.

It is respectfully requested that the Construction Committee approve a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with above-referenced continuing contractor in the total direct-negotiated amount of **$87,623.52** which includes a Lump Sum amount of **$87,623.52** allowance(s) totaling the amount **of $0.00,** and waive the requirement for Performance and Payment Bonds

CC
ITEM IV-B
12/19/2023

The invoicing method for this Job Order Contract will be:

☒ Lump Sum (with or w/o Allowances)

Payment Method: Payment on Allowances will be authorized only after an Allowance has been converted to an approved Change Order (or Field Change Order).

CONSTRUCTION AWARD	
L/S	**$87,623.52**
ALLOWANCE (NTE)	
TOTAL	**$87,623.52**
AAC – Compliance Review Date	12/12/2023 ZTG
AAC – Funding Eligibility Review Date	12/12/2023

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: December 19, 2023

RE: Request for Approval of a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with H.A. Contracting Corp. V-00976 Smart Restroom Pilot Project at the Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that H.A. Contracting Corporation proposes 10.6% MWBE participation on this job order construction services addendum.

Our analysis indicates that H.A. Contracting Corporation is eligible for award of the subject addendum.

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

MWBE UTILIZATION FORM FOR NON-FEDERALLY FUNDED PROJECTS
PLEASE COMPLETE THIS FORM

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

Name of Airport: **Orlando International Airport** Telephone No: **(407) 825-7179**

Address: **One Jeff Fuqua Boulevard, Orlando, FL 32827**

Project Name & Number: **Request for Approval of a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with H.A. Contracting Corp. V-00976 Smart Restroom Pilot Project at the Orlando International Airport**

1. Construction Information:

Addendum Amount: **$87,623.52**

2. MWBE Goal by Group Representation:

Asian Pacific American	-	Actual Result	0.0%
Asian Subcontinent American	-	Actual Result	0.0%
Black American	-	Actual Result	0.0%
Caucasian Female American	-	Actual Result	0.0%
Hispanic American	9,285.00	Actual Result	10.6%
Native American	-	Actual Result	0.0%
Other		Actual Result	0.0%
Total MWBE Participation	**9,285.00**	**Actual Result**	**10.6%**

3.a. Prime Contractor Information:

Name: **H.A. Contracting Corporation**
Address: **9500 NW 12th Street, Bay 1**
City, State, Zip: **Doral, FL 33172**
Telephone: **(305) 591-9213**

3.b. Name and Address of MWBE Subcontractor

Name: **Quality Cable Contractors, Inc.**
Address: 1936 Premier Row Suite 600
City, State, Zip: Orlando, FL 32809
Telephone: 407-246-0606

3.c. *Identity: Hispanic American
Work Item(s): Low Voltage
Amount of Subcontract $9,285.00
Percent of Prime Contract (%): 10.6%

4. Engineering/Professional Services Information:

Addendum Amount:

5. MWBE Goal by Group Representation:

Asian Pacific American		Actual Result	
Asian Subcontinent American		Actual Result	
Black American		Actual Result	
Caucasian Female American		Actual Result	
Hispanic American		Actual Result	
Native American		Actual Result	
Other		Actual Result	
Total MWBE Participation	**-**	**Actual Result**	

6.b. Engineering / Professional Service Firm Information:

Name:
Address:
City, State, Zip:
Telephone:

6.b. Name and Address of MWBE Subconsultant

Name:
Address:
City, State, Zip:
Telephone:

6.c. *Identity:
Work Item(s):
Amount of Subcontract
Percent of Prime Contract (%):

*** In Items 3.c. and 6.c. above specify the identity of MWBE Subcontractors and E/PS Firms (e.g. Black American, Hispanic American, Asian Subcontinent American, Asian Pacific American, Caucasian Female American, Native American & Other)**

SECTION 01 11 00 - SUMMARY OF WORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and General Conditions of Contract, including other Division 1 Specification Sections, apply to this Section.

1.2 PROJECT DESCRIPTION

A. Project/Work Identification:

1. The General overall description of the Work of the Contract for the:

V-00976 Smart Restroom Pilot Project
Orlando International Airport
Orlando, Florida

can be summarized for purposes of administration and payment in the manner of project segments as follows:

2.The scope of this project is to provide all labor, equipment, materials to evaluate and implement the use of a system of sensors to monitor certain metrics in terminal restrooms. The sensors will collect data which can be utilized to schedule maintenance and cleaning of the restrooms to improve passenger experience. Specific sensors for water levels (to identify standing water on the floors), waste receptacle/paper towel & toilet paper capacities, CO2, water flow (to identify leaks), custodial electronic check-in and customer satisfaction feedback will be implemented. The project will use (1) set of men/women's restrooms in a frequently used location to test the sensor system

1.3 CONTRACTOR USE OF PREMISES

A. Limit use of the premises to construction activities within areas indicated; allow for any Owner and tenant occupancy, and use by the public.

1. Minimize any disruption to all operating areas, including parking areas.

a. Existing public services and utility systems shall remain in operation during the construction period, excluding times required for installation of new work unless specifically allowed by the Contract.

b. Schedule and coordinate outages and interruptions of public service with the OAR. See the specific forms for processes and time constraints. Utilize the following forms:

1) Form #018 System Interruption/Utility Outage Notification.
2) Form #018a System Interruption/Utility Outage Notification Procedured.
3) Form #018b Roofing Impact Notification
4) Form #018c Security System Interruption/Outage Request

2. Provide all temporary directional signage, safety, and barricading required for passenger services.

a. Submit a plan indicating signage, safety, and barricading for access routes, storage areas and work sites, at the pre-construction meeting.
b. Directional signing at the access gate and or along the delivery route to the storage area or work site shall be as directed by the OAR.

3. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
4. Access to site shall be shown on the plans or as directed by the OAR. Do not permit any unauthorized construction personnel or traffic on the site. Provide for traffic control to and from the various construction areas. Immediately clean-up any debris deposited along the access road as a result of construction traffic.

a. Keep driveways and entrances serving the premises clear and available to the Owner, Tenant, their employees at all times, and the public. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.

5. All material orders for delivery to the site will use as a delivery address the access point at the Contractor’s storage site.

a. Coordinate with the OAR and allow for the least possible disruption of the facilities normal operations for delivery of materials and removal of demolished and discarded materials.
b. Delivery of materials and removal of demolished and discarded materials shall be scheduled as follows:

1) As needed.

6. The limits of construction material storage areas, equipment storage areas, and parking areas shall be as indicated in the documents or as directed by the OAR. Erect and maintain suitable fencing, marking and warning devices suitable for both day/night use to delineate the perimeter of all such areas. Refer to specification Section 01 55 30 Requirements for Use of Canal Road.

a. Parking management cards may be used to provide contractor parking in the terminal garages and terminal top parking. These cards will cost $60 per card per month, taxes not included.

B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

1.4 OWNER OCCUPANCY

A. Full Owner Occupancy: The Owner, its tenants, and the public will occupy the site and existing building and adjacent facilities (outside the limits of the construction area unless specified) during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts, facilitate occupancy usage, and protect persons and property in the project area during the entire construction period. Perform the Work so as not to interfere with the Owner's operations.

1. All work may be carried out without time restrictions, unless otherwise directed by the Owner. Work in public areas must not interfere with public access.

1.5 LAWS, PERMITS, AND REGULATIONS

A. Comply with all applicable laws, ordinances, regulations, codes, ADA requirements.

B. Obtain and pay for all license and permits, all fees and charges for connection to outside services and parking for Contractor's vehicles.

C. Abide by FAA and Owner’s safety and security regulations and procedures relative to access to, and work in, Airport Operations Areas and secured facilities.

D. Comply with Owner’s insurance requirements.

PART 2 - PRODUCTS: As required by Contractor’s Proposal.

PART 3 - EXECUTION: All work to be performed in a manner compliant with GOAA Master Specification, and documentation submitted by OAR.

END OF SECTION 01 11 00

Greater Orlando Aviation Authority

Engineering, & Construction

REQUEST FOR STARTUP PACKAGE

Revised 1/18/2023

PROJECT DETAILS - PROJECT WORKFLOW SETUP TAB	
New Startup or Revised?	New
Workflow Type:	Standard Project
Project Type:	V - Vertical (Continuing)
PROJECT DETAILS - PROJECT TAB	
Architect/Engineer:	C&S Engineers Inc.

Greater Orlando Aviation Authority

Engineering, & Construction

REQUEST FOR STARTUP PACKAGE

Contractor (if known):	H.A. Contracting
Airport:	Orlando International Airport
Project Title:	**Smart Restroom Pilot Project**
Project Location:	Orlando International Airport
Work Period:	Day & Night
Life Expectancy (in Years):	20
Contract Type:	Direct Negotiated - Traditional
Construction Range Value:	Less than $500K
Primary Classification:	Vertical
Secondary Classification:	Renovation (Bldg)
Project Priority:	High
Requested By:	GOAA Facilities Maintenance
Project Scope:	The scope of this project is to provide all labor, equipment, materials to evaluate and implement the use of a system of sensors to monitor certain metrics in terminal restrooms. The sensors will collect data which can be utilized to schedule maintenance and cleaning of the restrooms to improve passenger experience. Specific sensors for water levels (to identify standing water on the floors), waste receptacle/paper towel & toilet paper capacities, CO2, water flow (to identify leaks), custodial electronic check-in and customer satisfaction feedback will be implemented. The project will use (1) set of men/women's restrooms in a frequently used location to test the sensor system.

PROJECT DETAILS - COST TAB

Program:	Facilities Improvement Projects
Sub-Program:	Facilities Improvement Projects - Maintenance
Sub-Sub-Program:	*Other FIP Projects by Maintenance (FIP)
Control Budget:	*$114,817.66*
Funding Source(s):	O&M (Operations & Maintenance Fund)
	-
	-
	-
	-
Funding Detail or Code:	**301.631.210.5340007.000000**

PROJECT DETAILS - SCHEDULE TAB

Schedule (enter dates): *(type n/a if not applicable)*		
	N/A	C.C. Approval of A/E Negotiated Fee
	N/A	Contract Execution & Design NTP
	N/A	Receive approval to bid
	N/A	Advertise for bids
	N/A	Pre-bid meeting
	N/A	Bid opening
	12/19/23	Receive approval to award from CC
	N/A	Receive approval to award from Board (If > $250k)
	12/22/23	Complete contract execution
	12/26/23	Issue Construction NTP (effective date)
Enter Duration to Subst:	**150**	
Enter Duration to Final:	**30**	
	05/23/24	***Substantial Completion (calendar days from NTP)***
	06/22/24	***Final Completion (calendar days from Subst.)***

PROJECT DETAILS - CONTACTS TAB

GOAA Engineering Contact:	Tuan Nguyen
GOAA Construction Contact:	Christina Taylor
GOAA Program Contact:	

Greater Orlando Aviation Authority

Engineering, & Construction

REQUEST FOR STARTUP PACKAGE

Funding Dept (Sponsor):	
OAR (name of firm):	Cost Management Inc. (CMI)
OAR Contact:	Brian Gainous

PROJECT COST TAB

Budget Item:	**Current Budget**		**New Request**	**Total Budget**
A/E Fees – Design	$ -		$ -	$ -
A/E Fees – Construction	$ -		$ 10,500.00	$ 10,500.00
Construction			$ 90,267.66	$ 90,267.66
OAR Fees – Design	$ -		$ -	$ -
OAR Fees – Construction			$ 9,050.00	$ 9,050.00
*Miscellaneous	$ -		$ -	$ -
Contingency	$ -		$ 5,000.00	$ 5,000.00
TOTAL	$ -		$ 114,817.66	$ 114,817.66
***Miscellaneous Comments:**				

ENGINEERING BI-WEEKLY UPDATE TAB

Permits Required:	No
Permit Types (List):	
Anticipate Dispute Resolution Board (DRB)?	No
Airport Security Program Approval Required? *(TSA - 45 days in advance)*	No

GOAA Systems/Areas Affected:	Dropdown Selection>>>
	Finishes
	Plumbing
	Electrical (Interior & Exterior)
	-
	-

Major Trades: *For BP Projects Only (type "x" next to trade names)*

	100 General Building		***200 Site / Civil***
	Airfield Operations		Airfield Construction
	Electrical (BHS)		Airport Lighting and Equipment
	Electrical (Interior & Exterior)		Airport Runway Cleaning Services
	Electroncis (Inc., PA, Parking Revenue)		Asphalt Pavement
	Enviro-Hazardous Matls / UST		Bridges
	Finishes		Box Culverts
	GSE (Inc. PC Air, 400 Hz)		Clearing and Grubbing
	HVAC (Incl. BAS)		Concrete & Corrugated Metal Pipes
	Hyatt Hotel		Concrete Pavement
	Irrigation		Earthwork and grading
	Landscaping		Equipment Rental
	Life Safety (Incl. Fire Alarm, Sprinklers)		Landscaping and Irrigation Systems
	NONE		Painting and Striping
	Pavement (Incl. Drainage, Markings)		Retaining Walls
	Plumbing		Roadway Construction
	Roofing & Glazing		Underground Storage Tanks
	Security (Incl. Access Contrl & AOA Fences)		Utilities
	Signage		Waste Removal
	Tenant Space		
	Vertical Circulation (Elev, Esc, APM)		

FIXED PRICE PROPOSAL

H.A. Contracting Corp.

12/5/23

Brian Gainous
Greater Orlando Aviation Authority
11306 Terminal C Service Road
Orlando, FL 32824

Re: Our Proposal 1240005 for **V-00976- Smart Restroom Pilot Renovation**

Facility Name: North Terminal

North Terminal, 1 Jeff Fuqua Blvd, Orlando, FL 32827

This Proposal is for the Project referenced above and more particularly defined by the Scope of Work comprised of this Proposal, its Attachments, and other Contract Documents incorporated by reference. Therefore, we propose to furnish the following:

Price:	$87,623.52
Time:	The duration of the Work to achieve Substantial Completion will be **150 calendar days**.
Terms:	NET30, 5% Retainage
Clarification(s):	- Payment and Performance Bonds are not included - Subcontractor proposals and qualifications are included. - Costs to remove and replace ceilings to allow for conduit routing between restrooms and IT/electrical closets are not included. Final routing of conduit to be determined and any costs to remove and replace ceilings will be added via change order

Please contact me at 305-591-9212 or via e-mail stephanie@hacontracting.com if you have any questions or require additional information.
Regards,
H.A. Contracting Corp.
Stephanie Strickland
Project Manager

H.A. Contracting Corp.

COST ESTIMATE
Including Item Details

1240005 - V-00976- Smart Restroom Pilot Renovation

Manager: Stephanie Strickland

As of 11/28/2023

Original Scope

	Description	Quantity	U/M	Labor ($)	Material ($)	Subcontract ($)	Equipment ($)	Other ($)	Total ($)
01108	Superintendent- TBD	22.00	days	15,400.00	0.00	0.00	0.00	0.00	15,400.00
	Superintendent- TBD	22.00	days	Labor @	700.00	=			15,400.00
	Superintendent- $87.50/hr including vehicle								
01113	Project Manager- Stephanie S trickland	15.00	days	8,970.00	0.00	0.00	0.00	0.00	8,970.00
	Project Manager- Stephanie S trickland	15.00	days	Labor @	598.00	=			8,970.00
	Project Manager $74.79/hr								
01313	Final Cleaning-	48.00	hrs	2,649.60	0.00	0.00	0.00	0.00	2,649.60
	Final Cleaning- H.A. Contracti ng- 3 person crew, 8 hours per room	48.00	hrs	Labor @	55.20	=			2,649.60
	Final Cleaning- 3 person crew, 8 hours per room								
09200	Drywall Repairs- H.A Contrati ng	24.00	hrs	1,324.80	0.00	0.00	0.00	0.00	1,324.80
	Drywall Repairs- H.A Contracti ng- 4 Hours to Patch, 8 hours to Sand/Finish each	24.00	hrs	Labor @	55.20	=			1,324.80
	Plaster and Gypsum Board								
09900	Paints and Coatings- Partition Painting- H.A. Contracting	12.00	hrs	662.40	0.00	0.00	0.00	0.00	662.40
	Paints and Coatings- Partition Painting- H.A. Contracting- 4 hours per coat (3 coats)	12.00	hrs	Labor @	55.20	=			662.40
	Paints and Coatings								
10800	Toilet Accessories- Installatio n of Owner Provided Items- H. A. Contracting	32.00	hrs	1,766.40	0.00	0.00	0.00	0.00	1,766.40
	Toilet Accessories- Installatio n of Owner Provided Items- H. A. Contracting- 16 Hours eac	32.00	hrs	Labor @	55.20	=			1,766.40
	Toilet, Bath, and Laundry Specialties								
16200	Electrical- Electric Service Inc	1.00	l/s	0.00	0.00	40,696.00	0.00	0.00	40,696.00
	Electrical- Electric Service Inc	1.00	l/s	Subcontract @	40,696.00	=			40,696.00
	Electrical Power								
16700	Low Voltage- Quality Cable Co ntractors	1.00	l/s	0.00	0.00	9,285.00	0.00	0.00	9,285.00
	Low Voltage- Quality Cable Co ntractors	1.00	l/s	Subcontract @	9,285.00	=			9,285.00
	Communications								

SUBTOTAL DIRECT COSTS	**30,773.20**	**0.00**	**49,981.00**	**0.00**	**0.00**	**80,754.20**
Indirect Costs	0.00	0.00	0.00	0.00	0.00	
Indirect Cost Allocation Rates	0.00%	0.00%	0.00%	0.00%	0.00%	
TOTAL DIRECT & INDIRECT COSTS	**30,773.20**	**0.00**	**49,981.00**	**0.00**	**0.00**	**80.754.20**
Profit Margin					8.50%	$6,869.32

Supplemental Markups:

TOTAL PRICE	$87,623.52

H.A. Contracting OH & Profit

Electric Services, Inc.

INDUSTRIAL COMMERCIAL ELECTRICAL CONTRACTORS & ENGINEERS

EC#1415 **CA#9435**

1746 U.S. Highway 441, Leesburg, FL 34748

Telephone (352) 787-1322 Fax (352) 787-7871

Date: 10/18/2023

H.A. Contracting Corp.
9500 NW 12th St. #1
Doral, FL 33172
Attn: Carl Leneis

Project: **OIA V-00976 Smart Restroom Pilot Project**

Electric Services, Inc. is pleased to offer the following proposal for the above referenced project. Electric Services will supply all equipment, material and labor necessary to complete the electrical system as defined in the general scope of work below and per construction documents by C&S Engineers dated 9/14/23.

GENERAL SCOPE OF WORK:

1. Provide conduit and circuitry for two additional circuits for new bathroom fixtures; to be landed on existing 20A/1P circuit breakers in panel-L3C in Rm. 03-7481.
2. Provide 1" Conduit with pull string from 03-8071 to 03-8632 EE-1 for low voltage controls to people counter, stall light and digital signage in Women's restroom.
2. Provide 1" Conduit with pull string from 03-7457 to 03-7914 EE-1 for low voltage controls to people counter, stall light and digital signage in Men's restroom
3. Provide new 20-amp dual usb décor receps per restroom as indicated.
5. Provide new 20-amp duplex recep for digital signage outside of each restroom.
6. Permit fees included.
7. Installation to be completed to GOAA standards.

LIMITATIONS & EXCLUSIONS:

1. Drywall and paint repair is by others.
2. X-ray of walls and or floors is by others.
3. No new ACS conduits included.
4. Low voltage Zurn transformers have not been included or associated 12VDC cable.
5. Smart restroom enclosure EE-1, stall occupancy light with associated transformer EE-1.E is provided & installed by others.
6. All low voltage devices, tablets and sensors to be provided and installed by others. All devices and equipment indicated on Telecom drawings to be provided and installed by others.
7. Permit documents have not been included.
8. No fire alarm, security, access control or low voltage equipment, wire, terminations or testing has been included; all by others.
9. No overtime or weekend labor has been included. Night shift labor has been included.
10. As-built documents shall be limited to providing red-line mark-up of permit drawings prepared by others.
11. Proposal good for up to 30-days. No bond included, if desired add 1% to the quoted price.

BASE BID: **$40,696.00**

Respectfully,

Wood T. Brazill, P.E.
Vice-President of Engineering

Electric Services, Inc.

Tele 352-787-1322 Fax 352-787-7871

SUMMARY SHEET

OIA V-00976 Smart Restroom Pilot Project

October 18, 2023

ITEM NO.	Self-Performed - By Electric Services	MATERIAL-DOLLARS	LABOR-HOURS
1	BOM	4,590.66	371.17
2			
3			
	Subcontractors Quotes		
	TOTAL - SUBCONTRACTORS QUOTES	$ -	

ADDITIONAL LABOR	HOURS
Handling Material	18.56
Superintendent	
Project Foreman	37.12
Contractual Negotiations	
Estimating	
TOTAL (A)	55.67

Miscellaneous Material and Labor		$ 4,590.66	371.17
Sales Tax		321.35	0.00
Additional Labor			55.67
TOTALS - MATERIAL & SUB		$ 4,912.00	426.84
26.84	Standard Hours Labor @	$ 40.00	1,073.60
400.00	Non-standard Labor @	$ 43.00	17,200.00
			0.00

UNITS	JOB EXPENSE	RATE	DOLLARS
213.4	Field Truck - hrs	$ 9.50	$ 2,027.49
5.0	Field office - wks	$ 350.00	$ 1,750.00
0.0	Dumpster Disp.	$ 350.00	$ -
	Lull	$ 75.00	$ -
0.0	30' Scisrs Lift - mth	$ 1,500.00	$ -
	JOB EXPENSE		
	Permitting		$ 750.00
	Travel		$ -
	S&S permit drawings		$ -
	Small Tools - Consumable		$ -
	Equipment Rental Cost - metering		$ -
	TOTAL (B)		$ 4,527.49

Labor Hours	Subtotal Labor	18,273.60
42%	Labor Burden	7,674.91
LABOR COST GROSS TOTAL		25,948.51
Equipment/Tool Expense (B)		4,527.49
Material Cost & Sub		4,912.00
TOTAL PRIME COST		35,388.01
15%	ESI-Over Head & Profit	5,308.20
10%	Sub - Overhead & Profit	0.00
TOTAL NET COST		40,696.21
Selling Price without Bond		40,696.21
1.0%	Bond	n/a
Selling Price with Bond		40,696.21
"PRICE QUOTED"		**$40,696.00**

Electric Services, Inc.

Tele 352-787-1322 Fax 352-787-7871

SUMMARY SHEET

OIA V-00976 Smart Restroom Pilot Project

October 18, 2023

Item #	Quantity	Item Name	Material	U	Labor	U	Ext. Material	Ext. Labor
8	300	EMT 3/4	113.40	C	0.06	E	340.20	18.60
9	1000	EMT 1	193.05	C	0.08	E	1,930.50	77.50
63	14	EMT CONN, COMP IT S 3/4	58.05	C	0.12	E	8.13	1.74
64	25	EMT CONN, COMP IT S 1	72.90	C	0.12	E	18.23	3.10
96	28	EMT COUPLING, COMP S 3/4	44.69	C	0.08	E	12.51	2.17
97	48	EMT COUPLING, COMP S 1	70.20	C	0.08	E	33.70	3.72
207	6	BUSH PLASTIC 3/4	8.48	C	0.03	E	0.51	0.19
208	30	BUSH PLASTIC 1	12.15	C	0.03	E	3.65	0.93
218	5	BUSH INSUL GRND 3/4	220.05	C	0.06	E	11.00	0.31
219	10	BUSH INSUL GRND 1	279.45	C	0.06	E	27.95	0.62
250	12	3/4 to 1/2	4.75	C	0.08	E	0.57	0.93
399	40	EMT STRAP 1H 3/4	9.59	C	0.05	E	3.83	1.86
400	100	EMT STRAP 1H 1	16.88	C	0.05	E	16.88	4.65
410	35	C200 STRAP 3/4	39.15	C	0.08	E	13.70	2.71
411	100	C200 STRAP 1	121.50	C	0.08	E	121.50	7.75
419	60	B-905 STRUT 1 1/2	307.80	C	0.19	E	184.68	11.16
431	40	MINI STRAP 3/4	31.05	C	0.09	E	12.42	3.72
432	80	MINI STRAP 1	40.50	C	0.12	E	32.40	9.92
444	12	T-GRID SUPPORT	0.81	E	0.16	E	9.72	1.86
457	20	BOX SUPPORT M24S	70.55	C	0.03	E	14.11	0.62
538	24	STEEL FLEX 3/4	141.75	C	0.05	E	34.02	1.12
550	6	FLEX CONN ST 3/4	130.95	C	0.11	E	7.86	0.65
633	30	4 SQDEEP BOX 1/2 & 3/4	135.00	C	0.29	E	40.50	8.84
634	15	4 SQBLANK PLATE	29.30	C	0.09	E	4.39	1.40
640	15	4 SQ SINGLE GANG P-RING 3/4	37.80	C	0.09	E	5.67	1.40
651	15	4 11/16 3/4 & 1	190.70	C	0.29	E	28.61	4.42
654	15	4 11/16 BLANK COVER	53.57	C	0.09	E	8.04	1.40
655	10	4 11/16 SG P-RING 3/4	190.13	C	0.12	E	19.01	1.24
709	1000	# 10 THHN/THWN SOL	299.70	M	0.78	C	299.70	7.75
709	1500	# 10 THHN/THWN SOL	299.70	M	0.78	C	449.55	11.63
855	4	20 AMP DUPLEX REC RED	1.39	E	0.31	E	5.56	1.24
	2	Nema 5-20 Dual usb C (T5835-G)	54.44	E	0.25	E	108.88	0.50
1034	30	WIRE NUTS RED	47.25	M	0.05	E	1.42	1.40
1034	50	WIRE NUTS RED	47.25	M	0.05	E	2.36	2.33
1074	3	PLASTIC TAPE	0.86	E	0.78	E	2.59	2.33
1082	1	WIRE MARKERS	11.14	E	1.55	E	11.14	1.55
1084	25	SMALL TIE WRAP	20.84	C	0.03	E	5.21	0.78
1092	3	SPRAY PAINT IN CAN	4.05	E	0.78	E	12.15	2.33
1093	2	FIRECAULK TUBE	16.20	E	1.55	E	32.40	3.10
1099	15	GRD SCREW (GRN)	36.45	C	0.03	E	5.47	0.47
1100	50	MISC. SCREWS	67.50	C	0.03	E	33.75	1.55
1150	48	3/8 ALTHREAD ROD	59.20	C	0.05	E	28.41	2.23
1151	50	3/8 HEX NUTS	3.78	C	0.03	E	1.89	1.55
1152	40	3/8 LOCK WASHER	5.33	C	0.03	E	2.13	1.24
1153	50	3/8 FLAT WASHER	5.40	C	0.03	E	2.70	1.55

1155	25	3/8 DROP IN STEEL ANCHOR	51.98	C	0.12	E	12.99	3.10
1182	3	ACRYLIC LABLE 3 X 5	7.43	E	0.78	E	22.28	2.33
1185	650	PULL STRING	10.80	M	0.47	C	7.02	3.02
	0	20A 1P CKT BKR	30.00	E	0.50	E	0.00	0.00
	2	Install Zurn XFMR			1.00	E		2.00
	1	Permitting process			3.00	E		3.00
	1	Close-out documentation			6.00	E		6.00
	4	Meetings and coordination			2.00	E		8.00
	1	UON Prep & Submittal			2.00	E		2.00
	1	GC MISC. MATERIAL & LABOR					598.78	123.72
		TOTAL					$4,590.66	371.17

QUALITY CABLE CONTRACTORS, INC.

Est. 1986

Phone Systems, Voice, Data, Fiber Optics, CATV Cabling, Security Cameras, Access Control
MBE, LDB & DBE CERTIFIED

QCCI is pleased to provide this proposal. Please let us know if you have any questions. We look forward to working with you.

Best Regards,

Gabriel del Rio
CEO

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Gabriel Del Rio
BICSI ID # 299409
EXPIRES 12-31-26
RCDD

Bicsi
CORPORATE MEMBER

1936 Premier Row Orlando, FL 32809
Phone 407-246-0606 Fax 407-482-5942
E-mail: info@gcciorlando.com
State Licenses: ES-0000248, EG13000643
www.qcciflorida.com

Quote: 2022645 / Date: 10/25/2023

Customer

Quality Cable Contractors, Inc.
1936 Premier Row
Orlando, FL
32809, US
+14072460606

Prepared By:
Omar Hernandez

ohernandez@qcciflorida.com

H A Contracting Corp

Doral, FL
USA

Carl Leneis
+1 407-777-6620
carl@hacontracting.com

Project: RFQ2023-213 GOAA Smart Restroom Pilot Project

Scope of Work

GOAA Smart Restroom Pilot Program
Drawings Provided: T-0.0.1, T-2.3.01, T-5.1.01
Drawings and Specifications Dated: 9/14/23

DEMO:

- Demo Work not Included in this Scope.

HORIZONTAL CABLING:

- Provide & Install (2) 6-Port CAT6 Wall Data Outlet.
- Provide & Install (4) 1-Port CAT6 Wall Data Outlet.
- Provide (2) HDMI Cables from the Digital Midia Player to the Display.
- Provide CAT6 Patch Cables
- All CAT6 Cable will be Terminated, Tested, & Labeled.

Horizontal Cabling

	Quantity
1 Port OCC GOAA Wall Outlet	4 ea
CAT6- 6 Port OCC GOAA 6 Pack	2 ea
OCC - Patch Panel C6 48P A/B 8P8C 110 1RU BLK DCC4888/110SIX	1 ea
OCC Patch Cable - 1 Per Drop	32 ea
OCC - BEZEL 8C BLUE AXCESS SHUTTERED BEZEL BE08S05 PK of 20	1 ea
Cat6/Cat6A/Coax Testing with Documentation	16 ea
Labeling 4 Points	64 ea

	Quantity
HDMI Cable 6'	2 ea

Misc

	Quantity
Misc. hardware	1 ea
Shop Drawings, Product Data, and As-Builts	1 ea
Low Voltage Permit Fees	1 ea
Velcro - 1/2IN VELCRO BLK 75FT 189755	1 ea

Included(+)

1. All listed in SOW
2. Permit Fees, If Needed
3. Identification and labeling for all work described in above scope of work
4. All installed CAT6/CAT6A and Fiber cables will be tested with a cable certifier to ensure compliance with manufacturer and ANSI/TIA/EIA. QCCI will provide test results if needed.
5. Complete all work in accordance with local and national electrical codes for the work described in scope of work above.

Excluded(-)

1. NETWORK VIDEO RECORDERS EXCLUDED
2. Any Devices or Equipment Associated with the Digital Signange (DS-1) or Equipment Enclosure (EE-1)
3. Surge Suppression for 120 VAC circuits or Low Voltage
4. Ground System and Busbar
5. Painting and repair for any surfaces
6. Conduit, raceways, and pathways for cabling
7. Any penetration and/or Sleeves
8. Any tracing of conduit
9. Any electrical/Junction boxes
10. Hazardous substance identification, detection or abatement
11. Plenum Cabling
12. Pull String in conduit
13. Any Distribution or network equipment for an activate system like switches, routers, etc
14. Payment and Performance Bond
15. Any concrete work
16. Lift Equipment
17. Any work not listed in SOW

Notes

- Insurance QCCI will maintain, at all times during the effectiveness of this Agreement, comprehensive general liability insurance and worker’s compensation insurance.

- Schedule QCCI will furnish sufficient workers to perform work as described on scope of work above during normal business hours, Monday-Friday 7:00am to 4:00pm.
- Project total cost The project total for the work described in the scope of work above will be and inclusive of all labor, materials, tools, equipment, transportation and taxes
- Terms – Monthly progress payment. Net 30 days. Deposit – 10% of total cost for Mobilization. (Negotiable)
- Payment and Performance bond not included on this proposal.
- Due to the cost fluctuations in copper and polymers used in manufacturing of communication cables, this project proposal is valid for 30 days from proposal date.

Summary

Subtotal	$ 9,108.09
Taxes	$ 177.27

$ 9,285

Accepted By .....

Date .....

V-00976 Smart Restroom Pilot Project OAR Estimate

		Takeoff Quantity		UOM		Material Unit Cost		Material Cost		Labor Unit	Labor Cost	Total Cost
01 General Requirements												
Base -GC												
	Project Manager	80.00		HRS						$ 75.50	$ 6,040.00	
	Superintendent	120.00		HRS						$ 95.00	$ 11,400.00	
Job Components												
	Paper Towel Dispensors	5.00		EA						$ 350.00	$ 1,750.00	
	Soap Dishes	7.00		EA						$ 120.00	$ 840.00	
	Toilet Acessory Demolition	40.00		HRS						$ 52.50	$ 2,100.00	
	Toilet Acessory Installation	80.00		HRS						$ 52.50	$ 4,200.00	
	Electrical Boxes, Connections	1.00		LS						$ 1,000.00	$ 1,000.00	
	EMT Conduit-Material	400.00		LF						$ 3.25	$ 1,300.00	
	EMT Conduit Inatallation	400.00		LF						$ 8.50	$ 3,400.00	
	Data Analytics & Programing Hardware	1.00		LS						$ 15,000.00	$ 15,000.00	
	Installation of Smart Sensor Accessories	40.00		HRS						$ 55.50	$ 2,220.00	
	Installation of LV Components in Janitor Closets	80.00		HRS						$ 55.50	$ 4,440.00	
	Digital Sign Installation	1.00		LS						$ 2,400.00	$ 2,400.00	
	Low Voltage Installations in GOAA IDF Rooms	80.00		HRS						$ 55.50	$ 4,440.00	
	Testing & Programming	1.00		LS						$ 8,000.00	$ 8,000.00	
	Installation of stall ocupancy lights	80.00		HRS						$ 55.50	$ 4,440.00	
	#12 Conductors -Installation	1,200.00		LF						$ 0.85	$ 1,020.00	
	CAT6 Cabling-Installation	1,600.00		LF						$ 3.50	$ 5,600.00	
	#18/2 Conductors -Installation	200.00		LF						$ 4.25	$ 850.00	
	Final Cleaning	40.00		HRS						$ 45.50	$ 1,820.00	
	Subtotals							$ -			$ 82,260.00	
						6.5% Sales Tax						
								$ -			Material +Tax	$ -
											Labor Cost	$ 82,260.00
											Fee 8%	$ 6,580.80
											Total Cost Work	$ 88,840.80

CCM HANDOUT
12/19/2023
Item IV-C
Revised Memo

GREATER ORLANDO AVIATIO
Orlando Inte
One Jeff
Orlando, Florida, 32827-4392
(407) 825-2001

Memorandum

To: **Members of the Construction Committee**

From: **Tuan Nguyen, Assistant VP of Engineering**
(*Prepared by Brian Gainous*)

Date: **December 19, 2023**

Re: **Request for Approval of an Addendum to the Continuing MEP Engineering Services Agreement with C&S Engineers, Inc. for Construction Administration Services for V-00976 Smart Restroom Pilot Project, Orlando International Airport**

Consultant's proposal, dated November 28, 2023, is to provide construction administration services for the construction phase of the Smart Restroom Pilot Project at the Orlando International Airport.

If approved, these services would be effective the date of Construction Committee Approval.

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

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

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

Funding is from previously approved Operations & Maintenance Fund 301.631.210.5340007.000.00000 Funding source verified by Andrea Harper of Construction Finance on 12/14/23 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing MEP Engineering Services Agreement with C&S Engineers, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	$10,237.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	$0.00
TOTAL	**$10,237.00**
AAC – Compliance Review Date	12/12/2023 ZTG
AAC – Funding Eligibility Review Date	12/12/2023

Req. 95838

Number	Description	Approval Status	Creation Date	Currency	Total	Preparer
95838	CM: 12/19/23 V-00976 F	In Process	13-DEC-2023 12:00:4	USD	10,237.00	Field, John M

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, Assistant VP of Engineering**
(*Prepared by Brian Gainous*)

Date: **December 19, 2023**

Re: **Request for Approval of an Addendum to the Continuing MEP Engineering Services Agreement with C&S Engineers, Inc. for Construction Administration Services for V-00976 Smart Restroom Pilot Project, Orlando International Airport**

Consultant's proposal, dated November 28, 2023, is to provide construction administration services for the construction phase of the Smart Restroom Pilot Project at the Orlando International Airport.

If approved, these services would be effective the date of Construction Committee Approval.

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

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

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

Funding is from previously approved Operations & Maintenance Fund 301.631.210.5340007.000.00000 Funding source verified by _____ of Construction Finance on ___/___/___ as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing MEP Engineering Services Agreement with C&S Engineers, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	$10,237.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	$0.00
TOTAL	**$10,237.00**
AAC – Compliance Review Date	12/12/2023 ZTG
AAC – Funding Eligibility Review Date	12/12/2023

CC
ITEM IV-C
12/19/2023

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: December 19, 2023

RE: Request for Approval of an Addendum to the Continuing MEP Engineering Services Agreement with C&S Engineers, Inc. for Construction Administration Services for V-00976 Smart Restroom Pilot Project, Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that, due to the limited and specialized scope of the services to be provided, C&S Engineers, Inc. does not propose small business participation on this addendum.

Our analysis indicates that C&S Engineers, Inc. is eligible for award of the subject addendum.

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

November 28, 2023

Tuan Nguyen, PE
Assistant Vice President, Engineering
Greater Orlando Aviation Authority
11314 Terminal C Service Road
Orlando, FL 32824
321-200-3463
tnguyen@goaa.org

Re: V976 – Smart Restrooms Construction Administration

File: L94.020.002

Tuan,

We are very excited to see this project be implemented and looking forward to assisting the contractor during construction! Please review our proposed construction administration services outlined below.

CONSTRUCTION ADMINISTRATION SERVICES

C&S will provide the following services during construction:

1. Attend pre-construction meeting with stakeholders
2. Review contractor submittals
3. Review and respond to contractor Requests for Information (RFIs)
4. Provide up to (4) miscellaneous site visits to observe progress and comment on general conformance to the contract drawings
5. Attend training with TRAX and GOAA to understand how system operates
6. Provide as-built drawings from contractor redlines
7. Provide engineering close out information to GOAA

PROJECT APPROACH & DELIVERY

C&S will approach the project in the key phases tabulated below. C&S acknowledges the importance of the Project Schedule to the Client and agrees to put forth reasonable efforts in performing the services under this proposal with due diligence in a manner consistent with the durations listed below. The Client agrees that C&S' performance must be governed by sound professional practices. The Project Schedule shall be equitably adjusted as the project progresses, allowing for changes in scope caused by unknown conditions, character or size of the project as verbally requested or in-writing by the Client and/or for delays or other causes beyond C&S' reasonable control.

PHASE	DURATION	DELIVERABLE(S) / SERVICES
Construction Administration	8 Weeks*	• Review submittals and respond to RFIs • Attend pre-construction meeting • Visit the site with contractor to monitor progress and conformance to drawings
Close Out	3 weeks	• Participate with TRAX and GOAA training information session • Provide as-built drawings from contractor red lines • Provide engineering close out documents to GOAA

**Assumed Construction Duration*

The Client agrees that C&S is not responsible for the Project Schedule or damages arising directly or indirectly from any delays for causes beyond C&S' control. For purposes of this proposal, such causes include but are not limited to the accuracy of the information provided by the Owner, the Owner's representative and/or others, the Client, the failure of performance by the Client, the Client's representative, the Municipalities having jurisdiction over the project, all unknown conditions, emergencies, security and / or acts of God.

ASSUMPTIONS

1. Construction duration is assumed
2. It is assumed that TRAX will conduct system testing as discussed during the design process, and C&S will observe training to better understand system operation and implementation for future use

EXCLUSIONS / ADDITIONAL SERVICES

Additional scope items will be handled on a case by case basis and will incur additional fees. At a minimum, the following items are excluded from the scope of work:

1. All services not explicitly discussed herein are excluded
2. Engineering and construction documents are excluded from this effort
3. Training lead by C&S' team is excluded from this effort

SCHEDULE OF FEES

We propose to offer the services outlined above, on a NOT TO EXCEED basis of **$10,237** including direct expenses. This fee is summarized in the attached C-Tables.

This proposal constitutes the entire agreement between C&S and you with respect to the subject matter and supersedes all prior and contemporaneous written or oral understandings with respect to that subject matter. This proposal may be amended, supplemented, modified, or canceled only by a written instrument signed by both parties. If this proposal, together with its description of services to be rendered, and fee set forth herein meet with your approval, kindly acknowledge the same on the line indicated below and return one copy to the undersigned. A signature below will serve as a notice to proceed and an acceptance of this proposal which constitutes the Agreement between C&S Engineers, Inc. (CONSULTANT or ENGINEER), and GOAA (OWNER or CLIENT). This proposal will remain open for acceptance for 30 calendar days from the date of this letter unless such date is modified by C&S in writing."

Sincerely,



Bryn R. Currie, PE
Office Principal | Department Manager
C&S Engineers, Inc.

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

Phase of Project:	Feasibility Study	Schematic 30%	Development 60%	Const. Docs. 95%	Bidding & Award	SUBTOTAL	Const. Admin.	Record Documents	TOTAL CONTRACT
1.0 Lump Sum Fee:	$0	$0	$0	$0	$0	$0	$0	$0	**$0**
2.0 Not to Exceed Reimbursable Fee:	$0	$0	$0	$0	$0	$0	$6,746	$3,491	**$10,237**
3.0 Not to Exceed Reimbursable Expenses:	$0	$0	$0	$0	$0	$0	$0	$0	**$0**
4.0 TOTAL CONTRACT VALUE:	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$6,746**	**$3,491**	**$10,237**

Total Lump Sum Labor Hours:	0	0	0	0	0	0	0	0	**0**
Total Not to Exceed Reimbursable Labor Hours:	0	0	0	0	0	0	38	20	**58**
TOTAL LABOR HOURS:	**0**	**0**	**0**	**0**	**0**	**0**	**38**	**20**	**58**
Average Hourly Rate:	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	$178	$175	$177

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.

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-2
SUMMARY OF LUMP SUM FEES

Phase of Project:	Preliminary 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	Avg. Rate
Consultant - C&S																	
Lump Sum Fee Subtotal Subtotal	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Subconsultant No. 1 -																	
Lump Sum Fee Subtotal	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Subconsultant No. 2 -																	
Lump Sum Fee Subtotal	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Subconsultant No. 3 -																	
Lump Sum Fee Subtotal	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Subconsultant No. 4 -																	
Lump Sum Fee Subtotal	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Subconsultant No. 5 -																	
Lump Sum Fee Subtotal	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Total Lump Sum Amount:	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	#DIV/0!

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

	BRC		MPM		GC		WKO		SC		CO							
Position:	**Senior Project Manager**		**Principal Engineer**		**Principal Architect**		**Senior Project Engineer**		**Project Engineer**		**Engineer**		**Senior Designer**		**0**		**TOTAL**	
C&S Engineers, Inc.																		
Rate ($/Hour):	**$217.00**		**$213.00**		**$201.00**		**$142.00**		**$134.00**		**$113.00**		**$96.00**		**$0.00**			
	labor hours	**Cost**	**labor hours**	**Cost**	**labor hours**	**Cost**	**labor hours**	**Cost**	**labor hours**	**Cost**	**labor hours**	**Cost**	**labor hours**	**Cost**	**labor hours**	**Cost**	**labor hours**	**Cost**	**Avg. Hourly Rate**
Feasibility Study																			
Review of Record Drawings & Documents	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Site visit and assessement	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Develop conceptual plans, diagrams, and model	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Internal Review/meeting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Write feasibility study report/findings	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Preliminary Design	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Schematic Design (30%)																			
N/A - proceed to 60% drawings	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Schematic Design (30%)	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Design Development (60%)																			
Develop Drawings	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Develop Specifications	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Review meeting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Design Development (60%)	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Construction Documents (95%)																			
Complete Drawings	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Complete Specifications	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
QAQC	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Review meeting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Construction Documents (95%)	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**

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

Position:	Senior Project Manager		Principal Engineer		Principal Architect		Senior Project Engineer		Project Engineer		Engineer		Senior Designer		0		TOTAL		
C&S Engineers, Inc.																			
Rate ($/Hour):	$217.00		$213.00		$201.00		$142.00		$134.00		$113.00		$96.00		$0.00				Avg. Hourly
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
Bidding and Award																			
Resolve 95% Comments on Drawings/ Specs/Documents	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Prepare/Reproduce/Distribute Bid Documents	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Prepare/Reproduce/Distribute Bid Addenda	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend/Minute Pre-Bid Meeting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend/Minute Bid Opening	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Prepare Bid Tabulation/Recommendation	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Other Activities (List)	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Bidding and Award	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Construction Administration																			
Prepare/Reproduce/Distribute Conformed Documents/Drawings	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend Pre-NTP Meeting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend Pre-Construction Conference	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend JCMs	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Site Visits/Check As-Builts/Site Visit Reports	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Review Contractor's Submittals	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Review Contractor's Invoices	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Review C.O.s	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Substantial Completion Inspection	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Start-Up & Troubleshooting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Coordinate learning with owner/vendor	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Construction Administration	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Closeout																			
Prepare Record Drawings/Documents	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Close Out	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Closeout	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
TOTAL LUMP SUM FEE:	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**

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.

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

Phase of Project:	Preliminary 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	Avg. Rate
Consultant - C&S																	
Not to Exceed Reimbursable Fee	0	$0	0	$0	0	$0	0	$0	0	$0	38	$6,746	20	$3,491	58	$10,237	177
Not to Exceed Reimbursable Expenses		$0		$0		$0		$0		$0		$0		$0		$0	
Sub-Total Designer	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**38**	**$6,746**	**20**	**$3,491**	**58**	**$10,237**	177
Subconsultant No. 1 -																	
Not to Exceed Reimbursable Fee	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Not to Exceed Reimbursable Expenses		$0		$0		$0		$0		$0		$0		$0		$0	
Sub-Total Subconsultant No. 1	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	#DIV/0!
Subconsultant No. 2 -																	
Not to Exceed Reimbursable Fee	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Not to Exceed Reimbursable Expenses		$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**	#DIV/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	#DIV/0!
Not to Exceed Reimbursable Expenses		$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**	#DIV/0!
Subconsultant No. 4 -																	
Not to Exceed Reimbursable Fee	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Not to Exceed Reimbursable Expenses		$0		$0		$0		$0		$0		$0		$0		$0	
Sub-Total Subconsultant No. 4	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	#DIV/0!
Subconsultant No. 5 -																	
Not to Exceed Reimbursable Fee	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Not to Exceed Reimbursable Expenses		$0		$0		$0		$0		$0		$0		$0		$0	
Sub-Total Subconsultant No. 5	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	#DIV/0!
Total Not to Exceed Amount:	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**38**	**$6,746**	**20**	**$3,491**	**58**	**$10,237**	177

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

Position:	Senior Project Manager		Principal Engineer		Principal Architect		Senior Project Engineer		Project Engineer		Engineer		Senior Designer		0		TOTAL		
C&S Engineers, Inc.																			
Rate ($/Hour):	$217.00		$213.00		$201.00		$142.00		$134.00		$113.00		$96.00		$0.00				Avg. Hourly
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
Preliminary Design																			
Review of Record Drawings & Documents	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Verification of Existing Conditions	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Preliminary Engineering Report	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Surveying	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Geotechnical Investigation & Analysis	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Other Activities (List)	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Preliminary Design	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Schematic Design (30%)																			
Prepare Preliminary Drawings	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Prepare Preliminary Specifications	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Surveying	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Geotechnical Investigation & Analysis	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Update/Reconcile Opinion of Probable Const. Cost	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Other Activities (List)	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Schematic Design (30%)	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Design Development (60%)																			
Develop Drawings	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Develop Specifications	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Prepare Construction Documents	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Update/Reconcile Opinion of Probable Const. Cost	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Other Activities (List)	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Design Development (60%)	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Construction Documents (95%)																			
Complete Drawings	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Complete Specifications	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Complete Construction Documents	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Update/Reconcile Opinion of Probable Const. Cost	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Other Activities (List)	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Construction Documents (95%)	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**

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

Position:	Senior Project Manager		Principal Engineer		Principal Architect		Senior Project Engineer		Project Engineer		Engineer		Senior Designer		0		TOTAL		
C&S Engineers, Inc.																			
Rate ($/Hour):	$217.00		$213.00		$201.00		$142.00		$134.00		$113.00		$96.00		$0.00				
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Avg. Hourly Rate
Bidding and Award																			
Resolve 95% Comments on Drawings/ Specs/Documents	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Prepare/Reproduce/Distribute Bid Documents	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Prepare/Reproduce/Distribute Bid Addenda	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend/Minute Pre-Bid Meeting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend/Minute Bid Opening	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Prepare Bid Tabulation/Recommendation	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Other Activities (List)	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Bidding and Award	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Construction Administration																			
Prepare/Reproduce/Distribute Conformed Documents/Drawings	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend Pre-NTP Meeting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend Pre-Construction Conference	2	$434	0	$0	0	$0	2	$284	0	$0	0	$0	0	$0	0	$0	4	$718	$180
Attend JCMs	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Site Visits/Check As-Builts/Site Visit Reports	8	$1,736	0	$0	0	$0	8	$1,136	0	$0	0	$0	0	$0	0	$0	16	$2,872	$180
Review Contractor's Submittals	1	$217	0	$0	0	$0	6	$852	0	$0	0	$0	0	$0	0	$0	7	$1,069	$153
Review Contractor's Invoices	3	$651	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	3	$651	$217
Review C.O.s	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Substantial Completion Inspection	2	$434	0	$0	0	$0	2	$284	0	$0	0	$0	0	$0	0	$0	4	$718	$180
Final Completion Inspection	2	$434	0	$0	0	$0	2	$284	0	$0	0	$0	0	$0	0	$0	4	$718	$180
Other Activities (List)	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Construction Administration	**18**	**$3,906**	**0**	**$0**	**0**	**$0**	**20**	**$2,840**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**38**	**$6,746**	**$178**
Closeout																			
Prepare Record Drawings/Documents	1	$217	0	$0	0	$0	0	$0	3	$402	0	$0	0	$0	0	$0	4	$619	$155
Attend training with GOAA & TRAX	8	$1,736	0	$0	0	$0	8	$1,136	0	$0	0	$0	0	$0	0	$0	16	$2,872	$180
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Closeout	**9**	**$1,953**	**0**	**$0**	**0**	**$0**	**8**	**$1,136**	**3**	**$402**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**20**	**$3,491**	**$175**
TOTAL NOT TO EXCEED REIMBURSABLE FEE:	**27**	**$5,859**	**0**	**$0**	**0**	**$0**	**28**	**$3,976**	**3**	**$402**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**58**	**$10,237**	**$177**

NOTES:

1. A separate spreadsheet is required for each consultant/subconsultant with any portion of it's services to be compensated on a not to exceed reimbursable basis.
2. Each spreadsheet to be customized to accurately indicate the actual services to be provided for each phase of the Project.

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

REIMBURSABLE EXPENSES

NO REIMBURSEABLE EXPENSES EXPECTED FOR THIS SCOPE

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.

Consultant - C&S

Preliminary Design

A.	Travel, By Auto:							
	0	Trips @	25	Miles / Trip @	$ 0.545	=	$	-
B.	Travel, By Air:							
	0	Trips @	0	Persons @	$ -	=	$	-
C.	Per Diem							
	0	Days @	0	Persons @	$ 144.00	=	$	-
D.	Tolls:					=	$	-
E.	Parking:					=	$	-
F.	Miscellaneous:					=	$	-
				Total Estimate of Direct Expenses:			$	-

Schematic (30%)

A.	Travel, By Auto:							
	0	Trips @	25	Miles / Trip @	$ 0.545	=	$	-
B.	Travel, By Air:							
	0	Trips @	0	Persons @	$ -	=	$	-
C.	Per Diem							
	0	Days @	0	Persons @	$ 144.00	=	$	-
D.	Tolls:					=	$	-
E.	Parking:					=	$	-
F.	Miscellaneous:					=	$	-
				Total Estimate of Direct Expenses:			$	-

Development (60%)

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

A.	Travel, By Auto:							
	0	Trips @	25	Miles / Trip @	$ 0.545	=	$	-
B.	Travel, By Air:							
	0	Trips @	0	Persons @	$ -	=	$	-
C.	Per Diem							
	0	Days @	0	Persons @	$ 144.00	=	$	-
D.	Tolls:					=	$	-
E.	Parking:					=	$	-
F.	Miscellaneous:					=	$	-
					Total Estimate of Direct Expenses:		$	-

Const. Docs. (95%)

A.	Travel, By Auto:							
	0	Trips @	25	Miles / Trip @	$ 0.545	=	$	-
B.	Travel, By Air:							
	0	Trips @	0	Persons @	$ -	=	$	-
C.	Per Diem							
	0	Days @	0	Persons @	$ 144.00	=	$	-
D.	Tolls:					=	$	-
E.	Parking:					=	$	-
F.	Miscellaneous:					=	$	-
					Total Estimate of Direct Expenses:		$	-

Bidding & Award

A.	Travel, By Auto:							
	0	Trips @	25	Miles / Trip @	$ 0.545	=	$	-
B.	Travel, By Air:							
	0	Trips @	0	Persons @	$ -	=	$	-
C.	Per Diem							
	0	Days @	0	Persons @	$ 144.00	=	$	-
D.	Tolls:					=	$	-
E.	Parking:					=	$	-
F.	Miscellaneous:					=	$	-
					Total Estimate of Direct Expenses:		$	-

Const. Admin.

A. Travel, By Auto:

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

	0	Trips @	25	Miles / Trip @	$ 0.545	=	$	-
B.	Travel, By Air:								
	0	Trips @	0	Persons @	$ -	=	$	-
C.	Per Diem								
	0	Days @	0	Persons @	$ 144.00	=	$	-
D.	Tolls:					=	$	-
E.	Parking:					=	$	-
F.	Miscellaneous:					=	$	-
					Total Estimate of Direct Expenses:		$	-

Record Documents

A.	Travel, By Auto:								
	0	Trips @	25	Miles / Trip @	$ 0.545	=	$	-
B.	Travel, By Air:								
	0	Trips @	0	Persons @	$ -	=	$	-
C.	Per Diem								
	0	Days @	0	Persons @	$ 144.00	=	$	-
D.	Tolls:					=	$	-
E.	Parking:					=	$	-
F.	Miscellaneous:					=	$	-
					Total Estimate of Direct Expenses:		$	-

Subconsultant No. 5 - Scoping

A.	OFFSITE DISPOSAL								
	0	Loads @	1000	/ Trip		=	$	-
B.	Trailer Jetter w/ Operator								
	0	Hours @	250	$/Hour		=	$	-
C.	Pickup Truck w/ Helper								
	0	Hours @	180	$/Hour		=	$	-
D.	Camera w/ Operator								
	0	Hours @	300	$/Hour		=	$	-
					Total Estimate of Direct Expenses:		$	-

Subconsultant No. 1 -

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

Subconsultant No. 2 -
Subconsultant No. 3 -
Subconsultant No. 4 -
Subconsultant No. 5 -

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

TABLE C-7a DBE PARTICIPATION SCHEDULE

NAME OF SUBCONSULTANT	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
Subconsultant No. 1 -			$0	0%
Subconsultant No. 2 -			$0	0%
Subconsultant No. 3 -			$0	0%
Subconsultant No. 4 -			$0	0%
Subconsultant No. 5 -			$0	0%
TOTAL PROPOSED PARTICIPATION			**$0.00**	0%

TABLE C-7b MWBE PARTICIPATION SCHEDULE

NAME OF SUBCONSULTANT	ADDRESS	MWBE CLASSIFICATION	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
Not Applicable.					
TOTAL PROPOSED PARTICIPATION				**$0.00**	**0**

TABLE C-7c LDB PARTICIPATION SCHEDULE

NAME OF FIRM	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
Not Applicable.				
TOTAL PROPOSED PARTICIPATION			**$0.00**	**0**

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-8
LIST OF ANTICIPATED DRAWINGS SHEETS

DRAWING DESCRIPTION	NO. OF SHEETS	CONSULTANT
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
TOTAL:	0	

EXHIBIT A - 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
C&S Engineers, Inc.		
C&S	Senior Project Manager	$217.00
Prime	Principal Engineer	$213.00
	Principal Architect	$201.00
	Senior Project Engineer	$142.00
	Project Engineer	$134.00
	Engineer	$113.00
	Senior Designer	$96.00

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-9
CONTRACT HOURLY RATES

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Greater Orlando Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within one (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Greater Orlando Aviation Authority, whichever is later.

Consultant: C&S Engineers, Inc.



Office Principal | Orlando
Mechanical Department Manager

CCM HANDOUT
12/19/2023
Item IV-D
Revised Entire Item

GREATER ORLANDO AVIATI

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

Memorandum

To: **Members of the Construction Committee**

From: **Robert Furr, Vice President of Engineering and Architecture**
(Prepared by Ross Spence, OAR)

Date: **December 19, 2023**

Re: **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. to provide support services for W-00497 North Terminal Refresh Program Oversight at the Orlando International Airport**

Consultant's proposal, dated November 28, 2023, is to provide support services for the North Terminal Refresh Program. This includes but is not limited to, meetings with GOAA Departments, meetings and investigative efforts with designers, and other duties as requested.

If approved, these services would be effective the date of construction committee approval.

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

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

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

Funding is from Line of Credit to be reimbursed by General Airport Revenue Bonds. Funding source verified by Melvin Martinez of Construction Finance on 12 / 18 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	$166,560.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	$3,000.00
TOTAL	**$169,560.00**
AAC – Compliance Review Date	SJ 12/18/23
AAC – Funding Eligibility Review Date	12/18/23

AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, FL 33607. Phone: 813-636-2425 Fax: 813-287-8591

AECOM

November 28, 2023

Mr. Rob Furr
Vice President of Engineering and Architecture
GREATER ORLANDO AVIATION AUTHORITY
5850 Cargo Road
Orlando, Florida 32827-4399

Subject: W-00497 North Terminal Refresh Program Oversight
Orlando International Airport

Dear Mr. Furr:

AECOM is pleased to submit this proposal to provide OAR services for the project defined by the Vice President of Engineering and Architecture at the Orlando International Airport. This proposal has been prepared based on our understanding of the following scope of work: Program Management services to support the North Terminal Refresh Program efforts.

AECOM Technical Services, Inc. hours are proposed for charges incurred for Project Management Services that will include but not be limited to meetings with GOAA Departments, meetings and investigative efforts with designers, and other duties as assigned.

This Task will be an Addendum to AECOM's Continuing Program and Project Management Services, dated July 12, 2022. This work will be billed as a Not-to-Exceed amount of $169,560.00 and will commence on December 19, 2023.

The services for this project will be performed in accordance with the provisions of GOAA's standard agreement for professional services and as indicated in the attached project schedule showing the proposed staffing levels for the duration of the project.

We appreciate the opportunity to present this proposal and we look forward to working with GOAA on these important construction staff services. Should you have any questions or if we may be of further assistance, do not hesitate to contact the undersigned.

Sincerely,

Ross Spence
Vice President
AECOM Technical Services, Inc.

GOAA

W-S00497 North Terminal Refresh Program

COMPANY	Hourly Rate	Hours	DESCRIPTION AND PERSON'S NAME	START DATE	COMPL. DATE	FORECASTED LABOR
AECOM	$ 286.00	240	Sr. Program Director	12/19/2023	3/31/2024	$ 68,640.00
AECOM	$ 163.00	120	Sr. Construction Manager - Structure	12/19/2023	3/31/2024	$ 19,560.00
AECOM	$ 100.00	120	Project Coordinator III	12/19/2023	3/31/2024	$ 12,000.00
JSG	$ 155.00	120	Project Manager - Document control/compliance	12/19/2023	3/31/2024	$ 18,600.00
BCSI	$ 222.00	120	Sr. Construction Manager - Arch/Envelope	12/19/2023	3/31/2024	$ 26,640.00
BCSI	$ 176.00	120	Sr. Electrical Manager	12/19/2023	3/31/2024	$ 21,120.00
					Subtotal	**$ 166,560.00**

NT Refresh Program Reimbursable Expenses

	Months	Monthly Total	Grand Total
Reprographics/Printing (3rd party)	4	$ 500.00	$ 2,000.00
Office Supplies (OAR/Owner) - pens, notebooks, etc	4	$ 250.00	$ 1,000.00
Budget Total		**$ 750.00**	**$ 3,000.00**

JOINT SERVICES GROUP LLC

2765 Eldred Court
Apopka, FL 32712

407-308-2081
laura.joslyn@jointservicesgroup.com

December 11, 2023

Mr. Ross Spence
Vice President
AECOM TECHNICAL SERVICES, INC.
150 North Orange Avenue, Suite 200
Orlando, FL 32824

RE: W-00497 North Terminal Refresh Program

Dear Mr. Spence:

Joint Services Group LLC is pleased to submit this proposal to provide Program Management services for the above referenced project at the Orlando International Airport. This proposal has been prepared based on our understanding of the requested scope of work.

The scope of services will include staffing support services. These services will be provided beginning 12/19/2023 through 03/31/2024 by Laura Joslyn, Project Manager at a rate of $155.00 per hour at an estimated 120 hours for a total not to exceed $18,600.00.

We appreciate the opportunity to present this proposal and we look forward to working with AECOM on this important GOAA project. If you should have any questions or require additional assistance, please feel free to contact us.

Sincerely,

JOINT SERVICES GROUP LLC



Laura Joslyn
Owner

BREEN CONSTRUCTION SERVICES INC.
Quality Building Solutions

PO Box 521987
Longwood, FL 32752
P. (407) 802-6320 F. (407) 712-6799

December 11, 2023

Mr. Ross Spence
Vice President, Program Management Director
AECOM
150 N Orange Avenue, Suite 200
Orlando, FL 32801

RE: **W-00497 North Terminal Refresh Program**
OAR Support Service Proposal

Dear Ross,

Thank you in advance for considering BCSI's Proposal for OAR services associated with the North Terminal Refresh Program.

We are happy to provide support to the above referenced project starting December 19, 2023 through March 31, 2024

The scope of work will be performed by Thomas Reeder at an approved billing rate of $176 per hour and Matthew Breen at an approved billing rate of $222 for a combine value of $47,760.

Thank you again for considering Breen Construction Services for this assignment. Please call with any questions.

Sincerely,
BREEN CONSTRUCTION SERVICES

Matthew Breen
President

Greater Orlando Aviation Authority
AECOM Technical Services, Inc.
Continuing Program and Project Management Services
Projected Hours by Task for FY2024 (October 1, 2023 - September 30, 2024)

Legend:
Proposal submitted for review
Previously approved
Future proposal

Name	Position	Sponsor	Task Description	TOTAL
TBD/Lisa Stoeckert	Project Accountant	Grant	Tenant/Concessions - Project Management Oversight	480
			TOTAL	**480**
Nadege Cadet	Project Coordinator	McKeown	Project Coordinator for Project Controls/PEC Dept.	0
			TOTAL	**0**
Chayla German	Project Coordinator	Dennis	Project Coordinator for Project Controls/CF Dept.	2080
			TOTAL	**2080**
Fransheska Brown	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.	2080
			TOTAL	**2080**
Lisa Stoeckert	Project Accountant	McKeown	Project Accountant for Project Controls/PC Dept.	192
			TOTAL	**192**
Lisa Stoeckert	Project Accountant	Dennis	Project Accountant for Construction Finance/CF Dept.	96
			TOTAL	**96**
Lisa Stoeckert	Project Accountant	Shedek	Project Accountant for E-S00015	16
			TOTAL	**16**
Pankaj Gupta	Sr. Project Manager	Shedek	Sr. Project Manager for E-S0015	80
			TOTAL	**80**
Lisa Stoeckert	Project Coordinator II	Shedek	Project Coordinator for H-S00029 Airfield Civil Restart Project	100
			TOTAL	**100**
Lisa Stoeckert	Project Management Assista	Taylor	Specialty Systems Staffing	75
			TOTAL	**75**
Ross Spence	Sr. Program Director	Shedek	Terminal C Day 2 Closeout	390
			TOTAL	**390**
Ross Spence	Sr. Program Director	Shedek	W-S00151 Terminal C Enhancements	208
			TOTAL	**208**
Steve Fuller	Sr. Construction Manager	Shedek	W-S00151 Terminal C Enhancements	208
			TOTAL	**208**
Ross Spence	Sr. Program Director	Furr	W-00497 North Terminal Refresh	240
			TOTAL	**240**
Steve Fuller	Sr. Construction Manager	Furr	W-00497 North Terminal Refresh	120
			TOTAL	**120**
Lisa Stoeckert	Project Coordinator III	Furr	W-00497 North Terminal Refresh	120
			TOTAL	**120**
Ross Spence	Sr. Program Director	Marble	W-S00211 Terminal C Phase 2 Support	60
			TOTAL	**60**

Greater Orlando Aviation Authority

AECOM Technical Services, Inc.

Projected Hours by Task for FY2024 (October 1, 2023 - September 30, 2024)

Name	Position	Sponsor	Task Description	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	TOTAL
TBD/Lisa Stoeckert	Project Accountant	Grant	Tenant/Concessions - Project Management Oversight	40	40	40	40	40	40	40	40	40	40	40	40	480
			Total	40	40	40	40	40	40	40	40	40	40	40	40	480
Nadege Cadet	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.													0
			Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Chayla German	Project Coordinator	Dennis	Project Coordinator for Project Controls/CF Dept.	176	176	176	176	168	176	176	176	160	176	176	168	2080
			Total	176	176	176	176	168	176	176	176	160	176	176	168	2080
Fransheska Brown	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.	176	176	176	176	168	176	176	176	160	176	176	168	2080
			Total	176	176	176	176	168	176	176	176	160	176	176	168	2080
Lisa Stoeckert	Project Accountant	McKeown	Project Accountant for Project Controls/PC Dept.	16	16	16	16	16	16	16	16	16	16	16	16	192
			Total	16	16	16	16	16	16	16	16	16	16	16	16	192
Lisa Stoeckert	Project Accountant	Dennis	Project Accountant for Construction Finance/CF Dept.	8	8	8	8	8	8	8	8	8	8	8	8	96
			Total	8	8	8	8	8	8	8	8	8	8	8	8	96
Lisa Stoeckert	Project Accountant	Shedek	Project Accountant for E-S00015	2	2	2	2	1	1	1	1	1	1	1	1	16
			Total	2	2	2	2	1	1	1	1	1	1	1	1	16
Pankaj Gupta	Sr. Project Manager	Shedek	Sr. Project Manager for E-S0015	80												80
			Total	80	0	0	0	0	0	0	0	0	0	0	0	80
Lisa Stoeckert	Project Coordinator II	Shedek	Project Coordinator for H-S00029 Airfield Civil Restart Project	40	40	20										100
				40	40	20	0	0	0	0	0	0	0	0	0	100
Lisa Stoeckert	Project Management Assistant	Taylor	Specialty Systems Staffing	6	6	6	6	6	6	6	6	6	6	6	9	75
				6	6	6	6	6	6	6	6	6	6	6	9	75
Ross Spence	Sr. Program Director	Shedek	Terminal C Day 2 Closeout	130	130	130										390
				130	130	130	0	0	0	0	0	0	0	0	0	390
Ross Spence	Sr. Program Director	Shedek	W-S00151 Terminal C Enhancements			36	92	80								208
				0	0	36	92	80	0	0	0	0	0	0	0	208
Steve Fuller	Sr. Construction Manager	Shedek	W-S00151 Terminal C Enhancements			36	92	80								208
				0	0	36	92	80	0	0	0	0	0	0	0	208
Ross Spence	Sr. Program Director	Furr	W-00497 North Terminal Refresh			0	80	64	96							240
				0	0	0	80	64	96	0	0	0	0	0	0	240
Steve Fuller	Sr. Construction Manager	Furr	W-00497 North Terminal Refresh			16	40	32	32							120
				0	0	16	40	32	32	0	0	0	0	0	0	120
Lisa Stoeckert	Project Coordinator III	Furr	W-00497 North Terminal Refresh			16	40	32	32							120
				0	0	16	40	32	32	0	0	0	0	0	0	120
Ross Spence	Sr. Program Director	Marble	W-S00211 Terminal C Phase 2 Support			0	12	12	12	12	12					60
				0	0	0	12	12	12	12	12	0	0	0	0	60

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Aviation Authority, whichever is later.

Consultant: AECOM Technical Services Inc.

By:_____

Print Name: Ross Spence

Date: November 28, 2023

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: **Robert Furr, Vice President of Engineering and Architecture**
(Prepared by Ross Spence, OAR)

Date: **December 19, 2023**

Re: **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for W-00497 North Terminal Refresh Program Oversight at the Orlando International Airport**

Consultant's proposal, dated November 28, 2023, is to provide support services for the North Terminal Refresh Program. This includes but is not limited to, meetings with GOAA Departments, meetings and investigative efforts with designers, and other duties as requested.

If approved, these services would be effective the date of construction committee approval.

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

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

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

Funding is from Line of Credit to be reimbursed by General Airport Revenue Bonds. Funding source verified by _____ of Construction Finance on ___/___/___ as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	$168,960.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	$3,000.00
TOTAL	**$171,960.00**
AAC – Compliance Review Date	
AAC – Funding Eligibility Review Date	

CC
ITEM IV-D
12/19/2023

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: December 19, 2023

RE: Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for W-00497 North Terminal Refresh Program Oversight at the Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that AECOM Technical Services, Inc. proposes 11% MWBE participation on this addendum.

Our analysis indicates that AECOM Technical Services, Inc. is eligible for award of the subject addendum.

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

MWBE UTILIZATION FORM FOR NON-FEDERALLY FUNDED PROJECTS
PLEASE COMPLETE THIS FORM

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

Name of Airport: **Orlando International Airport** Telephone No: **(407) 825-7179**

Address: **One Jeff Fuqua Boulevard, Orlando, FL 32827**

Project Name & Number: **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for W-00497 North Terminal Refresh Program Oversight at the Orlando International Airport**

1. Construction Information:

Addendum Amount:

2. MWBE Goal by Group Representation:

Asian Pacific American		Actual Result	
Asian Subcontinent American		Actual Result	
Black American		Actual Result	
Caucasian Female American		Actual Result	
Hispanic American		Actual Result	
Native American		Actual Result	
Other		Actual Result	
Total MWBE Participation	-	**Actual Result**	

3.a. Prime Contractor Information:

Name:
Address:
City, State, Zip:
Telephone:

3.b. Name and Address of MWBE Subcontractor

Name:
Address:
City, State, Zip:
Telephone:

3.c. *Identity:
Work Item(s):
Amount of Subcontract
Percent of Prime Contract (%):

4. Engineering/Professional Services Information:

Addendum Amount: **$171,960.00**

5. MWBE Goal by Group Representation:

Asian Pacific American	-	Actual Result	0%
Asian Subcontinent American	-	Actual Result	0%
Black American	-	Actual Result	0%
Caucasian Female American	18,600.00	Actual Result	11%
Hispanic American	-	Actual Result	0%
Native American	-	Actual Result	0%
Other		Actual Result	0%
Total MWBE Participation	**18,600.00**	**Actual Result**	**11%**

6.b. Engineering / Professional Service Firm Information:

Name: **AECOM Technical Services, Inc.**
Address: **7650 West Courtney Campbell Causeway**
City, State, Zip: **Tampa, FL 33607**
Telephone: **813-636-2425**

6.b. Name and Address of MWBE Subconsultant

Name: **Joint Services Group, LLC**
Address: 2765 Eldred Ct
City, State, Zip: Apopka, FL 32712
Telephone: 407-308-2081

6.c. *Identity: Caucasian Female American
Work Item(s): Document control/compliance
Amount of Subcontract $18,600.00
Percent of Prime Contract (%): 11%

*** In Items 3.c. and 6.c. above specify the identity of MWBE Subcontractors and E/PS Firms (e.g. Black American, Hispanic American, Asian Subcontinent American, Asian Pacific American, Caucasian Female American, Native American & Other)**

AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, FL 33607. Phone: 813-636-2425 Fax: 813-287-8591

AECOM

November 28, 2023

Mr. Rob Furr
Vice President of Engineering and Architecture
GREATER ORLANDO AVIATION AUTHORITY
5850 Cargo Road
Orlando, Florida 32827-4399

Subject: W-00497 North Terminal Refresh Program Oversight
Orlando International Airport

Dear Mr. Furr:

AECOM is pleased to submit this proposal to provide OAR services for the project defined by the Vice President of Engineering and Architecture at the Orlando International Airport. This proposal has been prepared based on our understanding of the following scope of work: Program Management services to support the North Terminal Refresh Program efforts.

AECOM Technical Services, Inc. hours are proposed for charges incurred for Project Management Services that will include but not be limited to meetings with GOAA Departments, meetings and investigative efforts with designers, and other duties as assigned.

This Task will be an Addendum to AECOM's Continuing Program and Project Management Services, dated July 12, 2022. This work will be billed as a Not-to-Exceed amount of $171,960.00 and will commence on December 19, 2023.

The services for this project will be performed in accordance with the provisions of GOAA's standard agreement for professional services and as indicated in the attached project schedule showing the proposed staffing levels for the duration of the project.

We appreciate the opportunity to present this proposal and we look forward to working with GOAA on these important construction staff services. Should you have any questions or if we may be of further assistance, do not hesitate to contact the undersigned.

Sincerely,

Ross Spence
Vice President
AECOM Technical Services, Inc.

GOAA

W-S00497 North Terminal Refresh Program

COMPANY	Hourly Rate	Hours	DESCRIPTION AND PERSON'S NAME	START DATE	COMPL. DATE	FORECASTED LABOR
AECOM	$ 297.00	240	Sr. Program Director	12/19/2023	3/31/2024	$ 71,280.00
AECOM	$ 163.00	120	Sr. Construction Manager - Structure	12/19/2023	3/31/2024	$ 19,560.00
AECOM	$ 98.00	120	Project Coordinator II	12/19/2023	3/31/2024	$ 11,760.00
JSG	$ 155.00	120	Project Manager - Document control/compliance	12/19/2023	3/31/2024	$ 18,600.00
BCSI	$ 222.00	120	Sr. Construction Manager - Arch/Envelope	12/19/2023	3/31/2024	$ 26,640.00
BCSI	$ 176.00	120	Sr. Electrical Manager	12/19/2023	3/31/2024	$ 21,120.00
					Subtotal	**$ 168,960.00**

NT Refresh Program Reimbursable Expenses

	Months	Monthly Total	Grand Total
Reprographics/Printing (3rd party)	4	$ 500.00	$ 2,000.00
Office Supplies (OAR/Owner) - pens, notebooks, etc	4	$ 250.00	$ 1,000.00
Budget Total		**$ 750.00**	**$ 3,000.00**

JOINT SERVICES GROUP LLC

2765 Eldred Court
Apopka, FL 32712

407-308-2081
laura.joslyn@jointservicesgroup.com

December 11, 2023

Mr. Ross Spence
Vice President
AECOM TECHNICAL SERVICES, INC.
150 North Orange Avenue, Suite 200
Orlando, FL 32824

RE: W-00497 North Terminal Refresh Program

Dear Mr. Spence:

Joint Services Group LLC is pleased to submit this proposal to provide Program Management services for the above referenced project at the Orlando International Airport. This proposal has been prepared based on our understanding of the requested scope of work.

The scope of services will include staffing support services. These services will be provided beginning 12/19/2023 through 03/31/2024 by Laura Joslyn, Project Manager at a rate of $155.00 per hour at an estimated 120 hours for a total not to exceed $18,600.00.

We appreciate the opportunity to present this proposal and we look forward to working with AECOM on this important GOAA project. If you should have any questions or require additional assistance, please feel free to contact us.

Sincerely,

JOINT SERVICES GROUP LLC



Laura Joslyn
Owner

BREEN CONSTRUCTION SERVICES INC.
Quality Building Solutions

PO Box 521987
Longwood, FL 32752
P. (407) 802-6320 F. (407) 712-6799

December 11, 2023

Mr. Ross Spence
Vice President, Program Management Director
AECOM
150 N Orange Avenue, Suite 200
Orlando, FL 32801

RE: **W-00497 North Terminal Refresh Program**
OAR Support Service Proposal

Dear Ross,

Thank you in advance for considering BCSI's Proposal for OAR services associated with the North Terminal Refresh Program.

We are happy to provide support to the above referenced project starting December 19, 2023 through March 31, 2024

The scope of work will be performed by Thomas Reeder at an approved billing rate of $176 per hour and Matthew Breen at an approved billing rate of $222 for a combine value of $47,760.

Thank you again for considering Breen Construction Services for this assignment. Please call with any questions.

Sincerely,
BREEN CONSTRUCTION SERVICES

Matthew Breen
President

Greater Orlando Aviation Authority
AECOM Technical Services, Inc.
Continuing Program and Project Management Services
Projected Hours by Task for FY2024 (October 1, 2023 - September 30, 2024)

Legend:
Proposal submitted for review
Previously approved
Future proposal

Name	Position	Sponsor	Task Description	TOTAL
TBD/Lisa Stoeckert	Project Accountant	Grant	Tenant/Concessions - Project Management Oversight	480
			TOTAL	**480**
Nadege Cadet	Project Coordinator	McKeown	Project Coordinator for Project Controls/PEC Dept.	0
			TOTAL	**0**
Chayla German	Project Coordinator	Dennis	Project Coordinator for Project Controls/CF Dept.	2080
			TOTAL	**2080**
Fransheska Brown	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.	2080
			TOTAL	**2080**
Lisa Stoeckert	Project Accountant	McKeown	Project Accountant for Project Controls/PC Dept.	192
			TOTAL	**192**
Lisa Stoeckert	Project Accountant	Dennis	Project Accountant for Construction Finance/CF Dept.	96
			TOTAL	**96**
Lisa Stoeckert	Project Accountant	Shedek	Project Accountant for E-S00015	16
			TOTAL	**16**
Pankaj Gupta	Sr. Project Manager	Shedek	Sr. Project Manager for E-S0015	80
			TOTAL	**80**
Lisa Stoeckert	Project Coordinator II	Shedek	Project Coordinator for H-S00029 Airfield Civil Restart Project	100
			TOTAL	**100**
Lisa Stoeckert	Project Management Assista	Taylor	Specialty Systems Staffing	75
			TOTAL	**75**
Ross Spence	Sr. Program Director	Shedek	Terminal C Day 2 Closeout	390
			TOTAL	**390**
Ross Spence	Sr. Program Director	Shedek	W-S00151 Terminal C Enhancements	208
			TOTAL	**208**
Steve Fuller	Sr. Construction Manager	Shedek	W-S00151 Terminal C Enhancements	208
			TOTAL	**208**
Ross Spence	Sr. Program Director	Furr	W-00497 North Terminal Refresh	240
			TOTAL	**240**
Steve Fuller	Sr. Construction Manager	Furr	W-00497 North Terminal Refresh	120
			TOTAL	**120**
Lisa Stoeckert	Project Coordinator II	Furr	W-00497 North Terminal Refresh	120
			TOTAL	**120**
Ross Spence	Sr. Program Director	Marble	W-S00211 Terminal C Phase 2 Support	60
			TOTAL	**60**

Greater Orlando Aviation Authority

AECOM Technical Services, Inc.

Projected Hours by Task for FY2024 (October 1, 2023 - September 30, 2024)

Name	Position	Sponsor	Task Description	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	TOTAL
TBD/Lisa Stoeckert	Project Accountant	Grant	Tenant/Concessions - Project Management Oversight	40	40	40	40	40	40	40	40	40	40	40	40	480
			Total	40	40	40	40	40	40	40	40	40	40	40	40	480
Nadege Cadet	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.													0
			Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Chayla German	Project Coordinator	Dennis	Project Coordinator for Project Controls/CF Dept.	176	176	176	176	168	176	176	176	160	176	176	168	2080
			Total	176	176	176	176	168	176	176	176	160	176	176	168	2080
Fransheska Brown	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.	176	176	176	176	168	176	176	176	160	176	176	168	2080
			Total	176	176	176	176	168	176	176	176	160	176	176	168	2080
Lisa Stoeckert	Project Accountant	McKeown	Project Accountant for Project Controls/PC Dept.	16	16	16	16	16	16	16	16	16	16	16	16	192
			Total	16	16	16	16	16	16	16	16	16	16	16	16	192
Lisa Stoeckert	Project Accountant	Dennis	Project Accountant for Construction Finance/CF Dept.	8	8	8	8	8	8	8	8	8	8	8	8	96
			Total	8	8	8	8	8	8	8	8	8	8	8	8	96
Lisa Stoeckert	Project Accountant	Shedek	Project Accountant for E-S00015	2	2	2	2	1	1	1	1	1	1	1	1	16
			Total	2	2	2	2	1	1	1	1	1	1	1	1	16
Pankaj Gupta	Sr. Project Manager	Shedek	Sr. Project Manager for E-S0015	80												80
			Total	80	0	0	0	0	0	0	0	0	0	0	0	80
Lisa Stoeckert	Project Coordinator II	Shedek	Project Coordinator for H-S00029 Airfield Civil Restart Project	40	40	20										100
				40	40	20	0	0	0	0	0	0	0	0	0	100
Lisa Stoeckert	Project Management Assistant	Taylor	Specialty Systems Staffing	6	6	6	6	6	6	6	6	6	6	6	9	75
				6	6	6	6	6	6	6	6	6	6	6	9	75
Ross Spence	Sr. Program Director	Shedek	Terminal C Day 2 Closeout	130	130	130										390
				130	130	130	0	0	0	0	0	0	0	0	0	390
Ross Spence	Sr. Program Director	Shedek	W-S00151 Terminal C Enhancements			36	92	80								208
				0	0	36	92	80	0	0	0	0	0	0	0	208
Steve Fuller	Sr. Construction Manager	Shedek	W-S00151 Terminal C Enhancements			36	92	80								208
				0	0	36	92	80	0	0	0	0	0	0	0	208
Ross Spence	Sr. Program Director	Furr	W-00497 North Terminal Refresh			0	80	64	96							240
				0	0	0	80	64	96	0	0	0	0	0	0	240
Steve Fuller	Sr. Construction Manager	Furr	W-00497 North Terminal Refresh			16	40	32	32							120
				0	0	16	40	32	32	0	0	0	0	0	0	120
Lisa Stoeckert	Project Coordinator II	Furr	W-00497 North Terminal Refresh			16	40	32	32							120
				0	0	16	40	32	32	0	0	0	0	0	0	120
Ross Spence	Sr. Program Director	Marble	W-S00211 Terminal C Phase 2 Support			0	12	12	12	12	12					60
				0	0	0	12	12	12	12	12	0	0	0	0	60

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Aviation Authority, whichever is later.

Consultant: AECOM Technical Services Inc.

By:_____

Print Name: Ross Spence

Date: November 28, 2023

CCM HANDOUT
12/19/2023
Item IV-E
Revised Memo

GREATER ORLANDO AVIAT
Orlando Int
One Jet
Orlando, Florida, 32827-4392
(407) 825-2001

Memorandum

To: **Members of the Construction Committee**

From: **Scott Shedek, Vice President of Construction**
(prepared by Ksenia Merck, OAR)

Date: **December 19, 2023**

Re: **Request for Recommendation of Approval of an Addendum to the Civil Engineering Services Agreement with C&S Engineers, Inc. for design services for W-S00151 Terminal C Design and Project Oversight Services for the BHS Headache Bar Design at Orlando International Airport**

Consultant's proposal, dated December 5, 2023, is to provide the design for new rigid structural headache bar frames and relocation of existing headache bars at Terminal C.

If approved, these services would be effective the date of Construction Committee approval.

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

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

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

Funding is from Line of Credit to be reimbursed by Future General Airport Revenue Bonds. Funding source verified by Melvin Martinez of Construction Finance on 12 / 14 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Civil Engineering Services Agreement with C&S Engineers, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	$36,507.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	$0.00
TOTAL	**$36,507.00**
AAC – Compliance Review Date	EW 12/11/2023
AAC – Funding Eligibility Review Date	12/12/23

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: **Scott Shedek, Vice President of Construction**
(prepared by Ksenia Merck, OAR)

Date: **December 19, 2023**

Re: **Request for Recommendation of Approval of an Addendum to the Civil Engineering Services Agreement with C&S Engineers, Inc. for W-S00151 Terminal C Design and Project Oversight Services for the BHS Headache Bar Design at Orlando International Airport**

Consultant's proposal, dated December 5, 2023, is to provide the design for new rigid structural headache bar frames and relocation of existing headache bars at Terminal C.

If approved, these services would be effective the date of Construction Committee approval.

If continuing consultant, insert the following paragraph:

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

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

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

Funding is from Line of Credit to be reimbursed by Future General Airport Revenue Bonds. Funding source verified by Melvin Martinez of Construction Finance on 12 / 14 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Civil Engineering Services Agreement with C&S Engineers, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	$36,507.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	$0.00
TOTAL	**$36,507.00**
AAC – Compliance Review Date	EW 12/11/2023
AAC – Funding Eligibility Review Date	12/12/23

CC
ITEM IV-E
12/19/2023

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: December 19, 2023

RE: Request for Recommendation of Approval of an Addendum to the Civil Engineering Services Agreement with C&S Engineers, Inc. for W-S00151 Terminal C Design and Project Oversight Services for the BHS Headache Bar Design at Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that, due to the limited and specialized scope of the services to be provided, C&S Engineers, Inc. does not propose small business participation on this addendum.

Our analysis indicates that C&S Engineers, Inc. is eligible for award of the subject addendum.

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

December 05, 2023

Ms. Ksenia Merck,
Senior Program Director

Re: W-S00151 Terminal C Enhancements Program Design and Project Oversight Services for the BHS Headache Bar Design at Orlando International Airport

Dear Ms. Merck,

C&S Engineers, Inc. appreciates the opportunity to submit the following proposal for engineering and construction administration services related to the above project. Following discussions with staff, we have outlined our understanding of the project and effort required as follows:

PROJECT UNDERSTANDING

There are currently three (3) tug pass throughs beneath the air side terminal (ASC) at the MCO South Terminal Complex. In the past a number of GSE have cause substantial damage to the exposed building utilities in the ceiling space of these pass throughs. Currently there are headache bars suspended on chains at 7′-6″ above the finished grade to deter any GSE traffic taller than the posted clearance. To prevent further damage GOAA is requesting that six (6) new rigid structural frames (two at each tug pass entry) be installed that will stop any GSE's from traveling through the pass throughs.

In addition to new frames GOAA has requested the existing headache bars to be relocated adjacent to the baggage sortation area to provide additional visual indicators for the clearance in the area. Along with the relocation of the existing headache bars, GOAA requested new headache bars be mounted to a semi-rigid fixed member in areas below the boarding bridges along the ASC. All of these will be set to the lowest obstruction height among all the locations to maintain consistency.

SCOPE OF SERVICES

Structural Engineering

1. Perform site visit to verify minimum clearance requirements at each GSE pass through.
2. Review and develop loading for applicable ground service equipment.
3. Design new headache bar frames for established GSE loading.
    a. Six (6) total one at each entry of three (3) tug pass.
4. Design new headache bars structure below boarding bridges based on established loads.
    a. 15 total locations along STC ASC.
5. Develop detailing for new headache bar frames.
6. Develop detailing for the relocation of existing headache bars along the baggage sortation area.
7. Provide details and specifications for new floor paint markings near the baggage sortation area.
8. C&S will provide specifications on drawings.

BIDDING & AWARD PHASE

C&S will provide the following services:

1. Attend pre-bid meeting with owner and bidders.
2. Respond to pre-bid RFIs
3. Review bids with owner and advise on bidders

CONSTRUCTION ADMINISTRATION SERVICES

C&S will perform submittal and shop drawing review, as well as providing responses to Requests for Information. Submittals will be returned within (7) working days of receipt and RFIs will be returned within (3) working days of receipt.

1. Perform four (4) site visits during construction.

PROJECT APPROACH & DELIVERY

C&S will approach the project in the key phases tabulated below. C&S acknowledges the importance of the Project Schedule to the Client and agrees to put forth reasonable efforts in performing the services under this proposal with due diligence in a manner consistent with the durations listed below. The Client agrees that C&S' performance must be governed by sound professional practices. The Project Schedule shall be equitably adjusted as the project progresses, allowing for changes in scope caused by unknown conditions, character or size of the project as verbally requested or in-writing by the Client and/or for delays or other causes beyond C&S' reasonable control.

PHASE	DURATION	DELIVERABLE(S) / SERVICES
60% Construction Documents	2 weeks**	• Site visit with owner to determine height constraints and frame locations. • Develop agreed upon loading for various GSE • Structural Plans indicating frame locations • Preliminary structural analysis of headache bar frames • Review meeting
95% Construction Documents	4 weeks	• Permit-level design drawings, inclusive of details and specifications • Permit-level engineering documents, inclusive of details, specifications, and applicable calculations
Bidding & Permitting Phase	6 weeks*	• Submit drawings electronically • Respond to permit comments • Review bids with owner
Construction Administration	12 weeks	• Review contractor submittals • RFI responses

**Dependent on AHJ review process.*

***Assumes NTP received prior to 12/25/23 and design begins 01/02/24*

The Client agrees that C&S is not responsible for the Project Schedule or damages arising directly or indirectly from any delays for causes beyond C&S' control. For purposes of this proposal; such causes include but are not limited to the accuracy of the information provided by the Owner, the Owner's representative and/or others, the Client, the failure of performance by the Client, the Client's representative, the Municipalities having jurisdiction over the project, all unknown conditions, emergencies, security and / or acts of God.

ASSUMPTIONS

1. The BIM design process and use of Revit are assumed for design team coordination purposes. It is assumed GOAA is not expecting modeling beyond what is necessary for coordination and to produce construction documents.
2. The terminal will remain open for use during construction, therefore phasing of the construction work to accommodate partial use will be coordinated and provided by the Contractor.
3. Scheduling of work is considered to be means and methods and shall fall under the Contractor's scope of services.
4. Pre-existing conditions are considered to be in accordance with current governing codes and will not require any upgrading or additional work with the exception of what is included in the above scope of services.
5. Design of temporary bracing, formwork, scaffolding, shoring, or construction means, methods, or procedures shall fall under the Contractor's scope of services.
6. All design parameters will be provided by GOAA and agreed upon at commencement of design.

EXCLUSIONS / ADDITIONAL SERVICES

Additional scope items will be handled on a case by case basis and will incur additional fees. At a minimum, the following items are excluded from the scope of work:

1. All services not explicitly discussed herein are excluded from these efforts.
2. Phasing and/or splitting scope into separate drawing packages is excluded from this scope.
3. All trades not specifically identified above are excluded from this scope. This includes but is not limited to architecture, mechanical, electrical, plumbing, fire protection, and civil.
4. Permitting services are excluded.
5. Book specifications are excluded.

SCHEDULE OF FEES

We propose to offer the services outlined above, on a NOT TO EXCEED basis of **$36,507** including direct expenses. This fee is summarized in the attached C-Tables.

The terms and conditions governing the performance of and payment for our services proposed herein, including respective responsibilities and other pertinent matters, are set forth in C&S' continuing civil engineering services agreement, dated June 19, 2023 (Documentary #101609)..

This proposal constitutes the entire agreement between C&S and you with respect to the subject matter and supersedes all prior and contemporaneous written or oral understandings with respect to that subject matter. This proposal may be amended, supplemented, modified, or canceled only by a written instrument signed by both parties. If this proposal, together with its description of services to be rendered, and fee set forth herein meet with your approval, kindly acknowledge via formal written communication (e.g. e-mail). This proposal will remain open for acceptance for 60 calendar days from the date of this letter unless such date is modified by C&S in writing."

Thanks again for the opportunity to assist GOAA with further improvements to the South Terminal Complex. If you have any questions or require additional information, please do not hesitate to contact us.

Sincerely,



Brandon Warner, PE
Project Engineer
C&S Engineers, Inc.

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Greater Orlando Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within one (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Greater Orlando Aviation Authority, whichever is later.

Consultant: C&S Engineers, Inc.

By: 

Print Name: Brandon Warner

Date: December 5, 2023

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

Phase of Project:	Feasibility Study	Schematic 30%	Development 60%	Const. Docs. 95%	Bidding & Award	SUBTOTAL	Const. Admin.	Record Documents	TOTAL CONTRACT
1.0 Lump Sum Fee:	$0	$0	$0	$0	$0	$0	$0	$0	**$0**
2.0 Not to Exceed Reimbursable Fee:	$0	$0	$19,514	$7,581	$3,114	$30,209	$5,762	$536	**$36,507**
3.0 Not to Exceed Reimbursable Expenses:	$0	$0	$0	$0	$0	$0	$0	$0	**$0**
4.0 TOTAL CONTRACT VALUE:	**$0**	**$0**	**$19,514**	**$7,581**	**$3,114**	**$30,209**	**$5,762**	**$536**	**$36,507**

Total Lump Sum Labor Hours:	0	0	0	0	0	0	0	0	**0**
Total Not to Exceed Reimbursable Labor Hours:	0	0	132	51	22	205	43	4	**252**
TOTAL LABOR HOURS:	**0**	**0**	**132**	**51**	**22**	**205**	**43**	**4**	**252**
Average Hourly Rate:	#DIV/0!	#DIV/0!	$148	$149	$142	$147	$134	$134	$145

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.

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-2
SUMMARY OF LUMP SUM FEES

Phase of Project:	Preliminary 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	Avg. Rate
Consultant - C&S																	
Lump Sum Fee Subtotal Subtotal	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Subconsultant No. 1 -																	
Lump Sum Fee Subtotal	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Subconsultant No. 2 -																	
Lump Sum Fee Subtotal	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Subconsultant No. 3 -																	
Lump Sum Fee Subtotal	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Subconsultant No. 4 -																	
Lump Sum Fee Subtotal	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Subconsultant No. 5 -																	
Lump Sum Fee Subtotal	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Total Lump Sum Amount:	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	#DIV/0!

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

	BRC		MPM		GC		WKO		SC		CO								
Position:	**Senior Project Manager**		**Principal Engineer**		**Principal Architect**		**Senior Project Engineer**		**Project Engineer**		**Engineer**		**Senior Designer**		**0**		**TOTAL**		
C&S Engineers, Inc.																			
Rate ($/Hour):	**$217.00**		**$213.00**		**$201.00**		**$142.00**		**$134.00**		**$113.00**		**$96.00**		**$0.00**				
	labor hours	**Cost**	**labor hours**	**Cost**	**labor hours**	**Cost**	**labor hours**	**Cost**	**labor hours**	**Cost**	**labor hours**	**Cost**	**labor hours**	**Cost**	**labor hours**	**Cost**	**labor hours**	**Cost**	**Avg. Hourly Rate**
Feasibility Study																			
Review of Record Drawings & Documents	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Site visit and assessement	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Develop conceptual plans, diagrams, and model	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Internal Review/meeting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Write feasibility study report/findings	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Preliminary Design	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Schematic Design (30%)																			
N/A - proceed to 60% drawings	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Schematic Design (30%)	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Design Development (60%)																			
Develop Drawings	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Develop Specifications	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Review meeting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Design Development (60%)	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Construction Documents (95%)																			
Complete Drawings	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Complete Specifications	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
QAQC	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Review meeting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Construction Documents (95%)	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**

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

Position: C&S Engineers, Inc.	Senior Project Manager		Principal Engineer		Principal Architect		Senior Project Engineer		Project Engineer		Engineer		Senior Designer		0		TOTAL		
Rate ($/Hour):	$217.00		$213.00		$201.00		$142.00		$134.00		$113.00		$96.00		$0.00				
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Avg. Hourly Rate
Bidding and Award																			
Resolve 95% Comments on Drawings/ Specs/Documents	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Prepare/Reproduce/Distribute Bid Documents	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Prepare/Reproduce/Distribute Bid Addenda	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend/Minute Pre-Bid Meeting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend/Minute Bid Opening	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Prepare Bid Tabulation/Recommendation	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Other Activities (List)	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Bidding and Award	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Construction Administration																			
Prepare/Reproduce/Distribute Conformed Documents/Drawings	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend Pre-NTP Meeting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend Pre-Construction Conference	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend JCMs	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Site Visits/Check As-Builts/Site Visit Reports	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Review Contractor's Submittals	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Review Contractor's Invoices	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Review C.O.s	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Substantial Completion Inspection	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Start-Up & Troubleshooting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Coordinate learning with owner/vendor	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Construction Administration	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Closeout																			
Prepare Record Drawings/Documents	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Close Out	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Closeout	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
TOTAL LUMP SUM FEE:	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**

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.

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

Phase of Project:	Preliminary 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	Avg. Rate
Consultant - C&S																	
Not to Exceed Reimbursable Fee	0	$0	0	$0	132	$19,514	51	$7,581	22	$3,114	43	$5,762	4	$536	252	$36,507	145
Not to Exceed Reimbursable Expenses		$0		$0		$0		$0		$0		$0		$0		$0	
Sub-Total Designer	**0**	**$0**	**0**	**$0**	**132**	**$19,514**	**51**	**$7,581**	**22**	**$3,114**	**43**	**$5,762**	**4**	**$536**	**252**	**$36,507**	145
Subconsultant No. 1 -																	
Not to Exceed Reimbursable Fee	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Not to Exceed Reimbursable Expenses		$0		$0		$0		$0		$0		$0		$0		$0	
Sub-Total Subconsultant No. 1	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	#DIV/0!
Subconsultant No. 2 -																	
Not to Exceed Reimbursable Fee	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Not to Exceed Reimbursable Expenses		$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**	#DIV/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	#DIV/0!
Not to Exceed Reimbursable Expenses		$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**	#DIV/0!
Subconsultant No. 4 -																	
Not to Exceed Reimbursable Fee	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Not to Exceed Reimbursable Expenses		$0		$0		$0		$0		$0		$0		$0		$0	
Sub-Total Subconsultant No. 4	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	#DIV/0!
Subconsultant No. 5 -																	
Not to Exceed Reimbursable Fee	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Not to Exceed Reimbursable Expenses		$0		$0		$0		$0		$0		$0		$0		$0	
Sub-Total Subconsultant No. 5	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	#DIV/0!
Total Not to Exceed Amount:	**0**	**$0**	**0**	**$0**	**132**	**$19,514**	**51**	**$7,581**	**22**	**$3,114**	**43**	**$5,762**	**4**	**$536**	**252**	**$36,507**	145

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

Position:	Senior Project Manager		Principal Engineer		Principal Architect		Senior Project Engineer		Project Engineer		Engineer		Senior Designer		0		TOTAL		
C&S Engineers, Inc.																			
Rate ($/Hour):	$217.00		$213.00		$201.00		$142.00		$134.00		$113.00		$96.00		$0.00				
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Avg. Hourly Rate
Preliminary Design																			
N/A Going straight to 60%	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Preliminary Design	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Schematic Design (30%)																			
N/A Going straight to 60%	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Schematic Design (30%)	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**#DIV/0!**
Design Development (60%)																			
Develop Drawings	8	$1,736	0	$0	0	$0	0	$0	62	$8,308	0	$0	0	$0	0	$0	70	$10,044	$143
Develop Specifications	2	$434	0	$0	0	$0	0	$0	2	$268	0	$0	0	$0	0	$0	4	$702	$176
Design of Frames and Foundations	8	$1,736	0	$0	0	$0	0	$0	24	$3,216	0	$0	0	$0	0	$0	32	$4,952	$155
Update/Reconcile Opinion of Probable Const. Cost	4	$868	0	$0	0	$0	0	$0	6	$804	0	$0	0	$0	0	$0	10	$1,672	$167
Field Work	0	$0	0	$0	0	$0	0	$0	16	$2,144	0	$0	0	$0	0	$0	16	$2,144	$134
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Design Development (60%)	**22**	**$4,774**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**110**	**$14,740**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**132**	**$19,514**	**$148**
Construction Documents (95%)																			
Develop Drawings	8	$1,736	0	$0	0	$0	0	$0	36	$4,824	0	$0	0	$0	0	$0	44	$6,560	$149
Develop Specifications	0	$0	0	$0	0	$0	0	$0	4	$536	0	$0	0	$0	0	$0	4	$536	$134
Update/Reconcile Opinion of Probable Const. Cost	1	$217	0	$0	0	$0	0	$0	2	$268	0	$0	0	$0	0	$0	3	$485	$162
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Construction Documents (95%)	**9**	**$1,953**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**42**	**$5,628**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**51**	**$7,581**	**$149**

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

Position:	Senior Project Manager		Principal Engineer		Principal Architect		Senior Project Engineer		Project Engineer		Engineer		Senior Designer		0		TOTAL		
C&S Engineers, Inc.																			
Rate ($/Hour):	$217.00		$213.00		$201.00		$142.00		$134.00		$113.00		$96.00		$0.00				Avg. Hourly
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
Bidding and Award																			
Resolve 95% Comments on Drawings/ Specs/Documents	2	$434	0	$0	0	$0	0	$0	6	$804	0	$0	0	$0	0	$0	8	$1,238	$155
Prepare/Reproduce/Distribute Bid Documents	0	$0	0	$0	0	$0	0	$0	2	$268	0	$0	0	$0	0	$0	2	$268	$134
Prepare/Reproduce/Distribute Bid Addenda	0	$0	0	$0	0	$0	0	$0	2	$268	0	$0	0	$0	0	$0	2	$268	$134
Attend/Minute Pre-Bid Meeting	0	$0	0	$0	0	$0	0	$0	4	$536	0	$0	0	$0	0	$0	4	$536	$134
Attend/Minute Bid Opening	0	$0	0	$0	0	$0	0	$0	2	$268	0	$0	0	$0	0	$0	2	$268	$134
Prepare Bid Tabulation/Recommendation	0	$0	0	$0	0	$0	0	$0	4	$536	0	$0	0	$0	0	$0	4	$536	$134
Other Activities (List)	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Bidding and Award	**2**	**$434**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**20**	**$2,680**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**22**	**$3,114**	**$142**
Construction Administration																			
Prepare/Reproduce/Distribute Conformed Documents/Drawings	0	$0	0	$0	0	$0	0	$0	4	$536	0	$0	0	$0	0	$0	4	$536	$134
Attend Pre-NTP Meeting	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Attend Pre-Construction Conference	0	$0	0	$0	0	$0	0	$0	3	$402	0	$0	0	$0	0	$0	3	$402	$134
Attend JCMs	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Site Visits/Check As-Builts/Site Visit Reports	0	$0	0	$0	0	$0	0	$0	12	$1,608	0	$0	0	$0	0	$0	12	$1,608	$134
Review Contractor's Submittals	0	$0	0	$0	0	$0	0	$0	12	$1,608	0	$0	0	$0	0	$0	12	$1,608	$134
Review Contractor's Invoices	0	$0	0	$0	0	$0	0	$0	4	$536	0	$0	0	$0	0	$0	4	$536	$134
Review C.O.s	0	$0	0	$0	0	$0	0	$0	4	$536	0	$0	0	$0	0	$0	4	$536	$134
Substantial Completion Inspection	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Final Completion Inspection	0	$0	0	$0	0	$0	0	$0	4	$536	0	$0	0	$0	0	$0	4	$536	$134
Other Activities (List)	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Construction Administration	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**43**	**$5,762**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**43**	**$5,762**	**$134**
Closeout																			
Prepare Record Drawings/Documents	0	$0	0	$0	0	$0	0	$0	4	$536	0	$0	0	$0	0	$0	4	$536	$134
Other Activities (List)	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	0	$0	#DIV/0!
Sub-Total Closeout	**0**	**$0**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**4**	**$536**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**4**	**$536**	**$134**
TOTAL NOT TO EXCEED REIMBURSABLE FEE:	**33**	**$7,161**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**219**	**$29,346**	**0**	**$0**	**0**	**$0**	**0**	**$0**	**252**	**$36,507**	**$145**

NOTES:

1. A separate spreadsheet is required for each consultant/subconsultant with any portion of it's services to be compensated on a not to exceed reimbursable basis.
2. Each spreadsheet to be customized to accurately indicate the actual services to be provided for each phase of the Project.

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

REIMBURSABLE EXPENSES

NO REIMBURSEABLE EXPENSES EXPECTED FOR THIS SCOPE

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.

Consultant - C&S

Preliminary Design

A.	Travel, By Auto:							
	0	Trips @	25	Miles / Trip @	$ 0.545	=	$	-
B.	Travel, By Air:							
	0	Trips @	0	Persons @	$ -	=	$	-
C.	Per Diem							
	0	Days @	0	Persons @	$ 144.00	=	$	-
D.	Tolls:					=	$	-
E.	Parking:					=	$	-
F.	Miscellaneous:					=	$	-
				Total Estimate of Direct Expenses:			$	-

Schematic (30%)

A.	Travel, By Auto:							
	0	Trips @	25	Miles / Trip @	$ 0.545	=	$	-
B.	Travel, By Air:							
	0	Trips @	0	Persons @	$ -	=	$	-
C.	Per Diem							
	0	Days @	0	Persons @	$ 144.00	=	$	-
D.	Tolls:					=	$	-
E.	Parking:					=	$	-
F.	Miscellaneous:					=	$	-
				Total Estimate of Direct Expenses:			$	-

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

Development (60%)

A.	Travel, By Auto:							
	0	Trips @	25	Miles / Trip @	$ 0.545	=	$	-
B.	Travel, By Air:							
	0	Trips @	0	Persons @	$ -	=	$	-
C.	Per Diem							
	0	Days @	0	Persons @	$ 144.00	=	$	-
D.	Tolls:					=	$	-
E.	Parking:					=	$	-
F.	Miscellaneous:					=	$	-
				Total Estimate of Direct Expenses:			$	-

Const. Docs. (95%)

A.	Travel, By Auto:							
	0	Trips @	25	Miles / Trip @	$ 0.545	=	$	-
B.	Travel, By Air:							
	0	Trips @	0	Persons @	$ -	=	$	-
C.	Per Diem							
	0	Days @	0	Persons @	$ 144.00	=	$	-
D.	Tolls:					=	$	-
E.	Parking:					=	$	-
F.	Miscellaneous:					=	$	-
				Total Estimate of Direct Expenses:			$	-

Bidding & Award

A.	Travel, By Auto:							
	0	Trips @	25	Miles / Trip @	$ 0.545	=	$	-
B.	Travel, By Air:							
	0	Trips @	0	Persons @	$ -	=	$	-
C.	Per Diem							
	0	Days @	0	Persons @	$ 144.00	=	$	-
D.	Tolls:					=	$	-
E.	Parking:					=	$	-
F.	Miscellaneous:					=	$	-
				Total Estimate of Direct Expenses:			$	-

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

Const. Admin.

A.	Travel, By Auto:							
	0	Trips @	25	Miles / Trip @	$ 0.545	=	$	-
B.	Travel, By Air:							
	0	Trips @	0	Persons @	$ -	=	$	-
C.	Per Diem							
	0	Days @	0	Persons @	$ 144.00	=	$	-
D.	Tolls:					=	$	-
E.	Parking:					=	$	-
F.	Miscellaneous:					=	$	-
				Total Estimate of Direct Expenses:			$	-

Record Documents

A.	Travel, By Auto:							
	0	Trips @	25	Miles / Trip @	$ 0.545	=	$	-
B.	Travel, By Air:							
	0	Trips @	0	Persons @	$ -	=	$	-
C.	Per Diem							
	0	Days @	0	Persons @	$ 144.00	=	$	-
D.	Tolls:					=	$	-
E.	Parking:					=	$	-
F.	Miscellaneous:					=	$	-
				Total Estimate of Direct Expenses:			$	-

Subconsultant No. 5 - Scoping

A.	OFFSITE DISPOSAL							
	0	Loads @	1000	/ Trip		=	$	-
B.	Trailer Jetter w/ Operator							
	0	Hours @	250	$/Hour		=	$	-
C.	Pickup Truck w/ Helper							
	0	Hours @	180	$/Hour		=	$	-
D.	Camera w/ Operator							

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

0	Hours @	300	$/Hour	=	$	-
			Total Estimate of Direct Expenses:		$	-

Subconsultant No. 1 -
Subconsultant No. 2 -
Subconsultant No. 3 -
Subconsultant No. 4 -
Subconsultant No. 5 -

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

TABLE C-7a DBE PARTICIPATION SCHEDULE

NAME OF SUBCONSULTANT	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
Subconsultant No. 1 -			$0	0%
Subconsultant No. 2 -			$0	0%
Subconsultant No. 3 -			$0	0%
Subconsultant No. 4 -			$0	0%
Subconsultant No. 5 -			$0	0%
TOTAL PROPOSED PARTICIPATION			**$0.00**	0%

TABLE C-7b MWBE PARTICIPATION SCHEDULE

NAME OF SUBCONSULTANT	ADDRESS	MWBE CLASSIFICATION	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
Not Applicable.					
TOTAL PROPOSED PARTICIPATION				**$0.00**	**0**

TABLE C-7c LDB PARTICIPATION SCHEDULE

NAME OF FIRM	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
Not Applicable.				
TOTAL PROPOSED PARTICIPATION			**$0.00**	**0**

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-8
LIST OF ANTICIPATED DRAWINGS SHEETS

DRAWING DESCRIPTION	NO. OF SHEETS	CONSULTANT
Structural	5	C&S
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
XXXXX		
TOTAL:	5	

EXHIBIT A - 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
C&S Engineers, Inc.		
C&S	Senior Project Manager	$217.00
Prime	Principal Engineer	$213.00
	Principal Architect	$201.00
	Senior Project Engineer	$142.00
	Project Engineer	$134.00
	Engineer	$113.00
	Senior Designer	$96.00

CCM HANDOUT
12/19/2023
Item IV-F
Revised Entire Item

GREATER ORLANDO AVIATIO
Orlando Inter
One Jeff F
Orlando, Florida, 32827-4392
(407) 825-2001

Memorandum

To: **Members of the Construction Committee**

From: **Max E. Marble, Senior Vice President, Capital Programs**
(Prepared by Ross Spence, OAR)

Date: **December 19, 2023**

Re: **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. to provide support services for W-S00211 Terminal C, Phase 2, Program Definition Document Development at the Orlando International Airport**

Consultant's proposal, dated November 28, 2023, is to provide support services for the Program Definition Document for Terminal C Phase 2 gate expansion. This includes but is not limited to, meetings with GOAA Departments, investigative efforts, and research documentation.

If approved, these services would be effective the date of construction committee approval.

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

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

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

Funding is from previously-approved Capital Expenditure Funds. Funding source verified by Melvin Martinez of Construction Finance on 12 / 18 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	$67,320.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	$0.00
TOTAL	**$67,320.00**
AAC – Compliance Review Date	SJ 12/18/23
AAC – Funding Eligibility Review Date	12/18/23

AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, FL 33607. Phone: 813-636-2425 Fax: 813-287-8591

AECOM

November 28, 2023

Mr. Max Marble
Senior Vice President, Capital Programs
GREATER ORLANDO AVIATION AUTHORITY
5850 Cargo Road
Orlando, Florida 32827-4399

Subject: W-S00211 Terminal C Phase 2
Orlando International Airport

Dear Mr. Marble:

AECOM is pleased to submit this proposal to provide OAR services for the project defined by the Senior Vice President of Capital Programs at the Orlando International Airport. This proposal has been prepared based on our understanding of the following scope of work: Program Management services to support the Terminal C Phase 2 Program Definition Document Development efforts.

AECOM Technical Services, Inc. hours are proposed for charges incurred for Project Management Services that will include but not be limited to meetings with GOAA Departments, investigative efforts, and research documentation

This Task will be an Addendum to AECOM's Continuing Program and Project Management Services, dated July 12, 2022. This work will be billed as a Not-to-Exceed amount of $67,320.00 and will commence on December 19, 2023.

The services for this project will be performed in accordance with the provisions of GOAA's standard agreement for professional services and as indicated in the attached project schedule showing the proposed staffing levels for the duration of the project.

We appreciate the opportunity to present this proposal and we look forward to working with GOAA on these important construction staff services. Should you have any questions or if we may be of further assistance, do not hesitate to contact the undersigned.

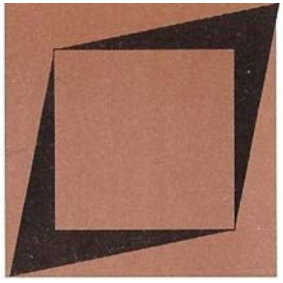
Sincerely,

Ross Spence
Vice President
AECOM Technical Services, Inc.

GOAA

W-S00211 Terminal C Phase 2 Support

COMPANY	Hourly Rate	Hours	DESCRIPTION AND PERSON'S NAME	FORECASTED LABOR
AECOM	$ 286.00	60	Sr. Program Director	$ 17,160.00
KMERCK	$ 285.00	176	Principal	$ 50,160.00
			Subtotal	**$ 67,320.00**



K MERCK
& ASSOCIATES
DESIGN AND CONSTRUCTION
ADVISORS

October 23, 2023

sent via e-mail October 23, 2023

Mr. Ross Spence
AECOM Technical Services, Inc.
150 N. Orlando Avenue, Suite 200
Orlando, FL 32801

RE: Terminal C Phase 2 Program Definition Document (PDD)
Changing Regulatory Liaison Services Proposal
Orlando International Airport

Dear Mr. Spence,

Please see the attached Proposal for GOAA Terminal C Phase 2 Program Definition Document (PDD) Changing Regulatory Requirements Liaison Services.

Thank you for this opportunity.

If you have any questions or comments regarding the proposal, please call me at 407.340.3904.

Best regards,

Ksenia J. Merck, AIA, NCARB
President

K MERCK
& ASSOCIATES
DESIGN AND CONSTRUCTION
ADVISORS

October 23, 2023

Sent via email

PROJECT: Terminal C Phase 2 Program Definition Document (PDD)
Changing Regulatory Liaison Services Proposal

SCOPE: GOAA Changing Regulatory Requirements Liaison

1. Changing Regulatory Liaison Services for the CBP, TSA and OPD to include Lessons Learned from Phase 1 and Agency Coordination
2. Attend Program Definition Meetings as required per GOAA and follow up as needed with any information requests

FEES:

Effective date: Services begin after Construction Committee approval November 7, 2023
Fees: hourly rate $285.00 (Ksenia J. Merck) Principal negotiated 10.10.23
Employee: Ksenia J. Merck; Position: ~~Sr. Program Director~~ Principal

Estimated hours	Not to Exceed Fee
176	$ 50,160

K MERCK & ASSOCIATES IS CERTIFIED AS A WBE BY THE CITY OF ORLANDO AND THE CITY OF TAMPA

Greater Orlando Aviation Authority
AECOM Technical Services, Inc.
Continuing Program and Project Management Services
Projected Hours by Task for FY2024 (October 1, 2023 - September 30, 2024)

Legend:
Proposal submitted for review
Previously approved
Future proposal

Name	Position	Sponsor	Task Description	TOTAL
TBD/Lisa Stoeckert	Project Accountant	Grant	Tenant/Concessions - Project Management Oversight	480
			TOTAL	**480**
Nadege Cadet	Project Coordinator	McKeown	Project Coordinator for Project Controls/PEC Dept.	0
			TOTAL	**0**
Chayla German	Project Coordinator	Dennis	Project Coordinator for Project Controls/CF Dept.	2080
			TOTAL	**2080**
Fransheska Brown	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.	2080
			TOTAL	**2080**
Lisa Stoeckert	Project Accountant	McKeown	Project Accountant for Project Controls/PC Dept.	192
			TOTAL	**192**
Lisa Stoeckert	Project Accountant	Dennis	Project Accountant for Construction Finance/CF Dept.	96
			TOTAL	**96**
Lisa Stoeckert	Project Accountant	Shedek	Project Accountant for E-S00015	16
			TOTAL	**16**
Pankaj Gupta	Sr. Project Manager	Shedek	Sr. Project Manager for E-S0015	80
			TOTAL	**80**
Lisa Stoeckert	Project Coordinator II	Shedek	Project Coordinator for H-S00029 Airfield Civil Restart Project	100
			TOTAL	**100**
Lisa Stoeckert	Project Management Assista	Taylor	Specialty Systems Staffing	75
			TOTAL	**75**
Ross Spence	Sr. Program Director	Shedek	Terminal C Day 2 Closeout	390
			TOTAL	**390**
Ross Spence	Sr. Program Director	Shedek	W-S00151 Terminal C Enhancements	208
			TOTAL	**208**
Steve Fuller	Sr. Construction Manager	Shedek	W-S00151 Terminal C Enhancements	208
			TOTAL	**208**
Ross Spence	Sr. Program Director	Furr	W-00497 North Terminal Refresh	240
			TOTAL	**240**
Steve Fuller	Sr. Construction Manager	Furr	W-00497 North Terminal Refresh	120
			TOTAL	**120**
Lisa Stoeckert	Project Coordinator III	Furr	W-00497 North Terminal Refresh	120
			TOTAL	**120**
Ross Spence	Sr. Program Director	Marble	W-S00211 Terminal C Phase 2 Support	60
			TOTAL	**60**

Greater Orlando Aviation Authority

AECOM Technical Services, Inc.

Projected Hours by Task for FY2024 (October 1, 2023 - September 30, 2024)

Name	Position	Sponsor	Task Description	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	TOTAL
TBD/Lisa Stoeckert	Project Accountant	Grant	Tenant/Concessions - Project Management Oversight	40	40	40	40	40	40	40	40	40	40	40	40	480
			Total	40	40	40	40	40	40	40	40	40	40	40	40	480
Nadege Cadet	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.													0
			Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Chayla German	Project Coordinator	Dennis	Project Coordinator for Project Controls/CF Dept.	176	176	176	176	168	176	176	176	160	176	176	168	2080
			Total	176	176	176	176	168	176	176	176	160	176	176	168	2080
Fransheska Brown	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.	176	176	176	176	168	176	176	176	160	176	176	168	2080
			Total	176	176	176	176	168	176	176	176	160	176	176	168	2080
Lisa Stoeckert	Project Accountant	McKeown	Project Accountant for Project Controls/PC Dept.	16	16	16	16	16	16	16	16	16	16	16	16	192
			Total	16	16	16	16	16	16	16	16	16	16	16	16	192
Lisa Stoeckert	Project Accountant	Dennis	Project Accountant for Construction Finance/CF Dept.	8	8	8	8	8	8	8	8	8	8	8	8	96
			Total	8	8	8	8	8	8	8	8	8	8	8	8	96
Lisa Stoeckert	Project Accountant	Shedek	Project Accountant for E-S00015	2	2	2	2	1	1	1	1	1	1	1	1	16
			Total	2	2	2	2	1	1	1	1	1	1	1	1	16
Pankaj Gupta	Sr. Project Manager	Shedek	Sr. Project Manager for E-S0015	80												80
			Total	80	0	0	0	0	0	0	0	0	0	0	0	80
Lisa Stoeckert	Project Coordinator II	Shedek	Project Coordinator for H-S00029 Airfield Civil Restart Project	40	40	20										100
				40	40	20	0	0	0	0	0	0	0	0	0	100
Lisa Stoeckert	Project Management Assistant	Taylor	Specialty Systems Staffing	6	6	6	6	6	6	6	6	6	6	6	9	75
				6	6	6	6	6	6	6	6	6	6	6	9	75
Ross Spence	Sr. Program Director	Shedek	Terminal C Day 2 Closeout	130	130	130										390
				130	130	130	0	0	0	0	0	0	0	0	0	390
Ross Spence	Sr. Program Director	Shedek	W-S00151 Terminal C Enhancements			36	92	80								208
				0	0	36	92	80	0	0	0	0	0	0	0	208
Steve Fuller	Sr. Construction Manager	Shedek	W-S00151 Terminal C Enhancements			36	92	80								208
				0	0	36	92	80	0	0	0	0	0	0	0	208
Ross Spence	Sr. Program Director	Furr	W-00497 North Terminal Refresh			0	80	64	96							240
				0	0	0	80	64	96	0	0	0	0	0	0	240
Steve Fuller	Sr. Construction Manager	Furr	W-00497 North Terminal Refresh			16	40	32	32							120
				0	0	16	40	32	32	0	0	0	0	0	0	120
Lisa Stoeckert	Project Coordinator III	Furr	W-00497 North Terminal Refresh			16	40	32	32							120
				0	0	16	40	32	32	0	0	0	0	0	0	120
Ross Spence	Sr. Program Director	Marble	W-S00211 Terminal C Phase 2 Support			0	12	12	12	12	12					60
				0	0	0	12	12	12	12	12	0	0	0	0	60

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Aviation Authority, whichever is later.

Consultant: AECOM Technical Services Inc.

By:_____

Print Name: Ross Spence

Date: November 28, 2023

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: **Max E. Marble, Senior Vice President, Capital Programs**
(Prepared by Ross Spence, OAR)

Date: **December 19, 2023**

Re: **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for W-S00211 Terminal C, Phase 2, Program Definition Document Development at the Orlando International Airport**

Consultant's proposal, dated November 28, 2023, is to provide support services for the Program Definition Document for Terminal C Phase 2 gate expansion. This includes but is not limited to, meetings with GOAA Departments, investigative efforts, and research documentation.

If approved, these services would be effective the date of construction committee approval.

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

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

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

Funding is from previously-approved Capital Expenditure Funds. Funding source verified by _____ of Construction Finance on ___/___/___ as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	$67,980.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	$0.00
TOTAL	**$67,980.00**
AAC – Compliance Review Date	
AAC – Funding Eligibility Review Date	

CC
ITEM IV-F
12/19/2023

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: December 19, 2023

RE: Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for W-S00211 Terminal C, Phase 2, Program Definition Document Development at the Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that AECOM Technical Services, Inc. proposes 74% MWBE participation on this addendum.

Our analysis indicates that AECOM Technical Services, Inc. is eligible for award of the subject addendum.

MWBE UTILIZATION FORM FOR NON-FEDERALLY FUNDED PROJECTS
PLEASE COMPLETE THIS FORM

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

Name of Airport: **Orlando International Airport** Telephone No: **(407) 825-7179**

Address: **One Jeff Fuqua Boulevard, Orlando, FL 32827**

Project Name & Number: **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for W-S00211 Terminal C, Phase 2, Program Definition Document Development at the Orlando International Airport**

1. Construction Information:

Addendum Amount:

2. MWBE Goal by Group Representation:

Asian Pacific American		Actual Result	
Asian Subcontinent American		Actual Result	
Black American		Actual Result	
Caucasian Female American		Actual Result	
Hispanic American		Actual Result	
Native American		Actual Result	
Other		Actual Result	
Total MWBE Participation	-	**Actual Result**	

3.a. Prime Contractor Information:

Name:
Address:
City, State, Zip:
Telephone:

3.b. Name and Address of MWBE Subcontractor

Name:
Address:
City, State, Zip:
Telephone:

3.c. *Identity:
Work Item(s):
Amount of Subcontract
Percent of Prime Contract (%):

4. Engineering/Professional Services Information:

Addendum Amount: **$67,980.00**

5. MWBE Goal by Group Representation:

Asian Pacific American	-	Actual Result	0%
Asian Subcontinent American	-	Actual Result	0%
Black American	-	Actual Result	0%
Caucasian Female American	50,160.00	Actual Result	74%
Hispanic American	-	Actual Result	0%
Native American	-	Actual Result	0%
Other		Actual Result	0%
Total MWBE Participation	**50,160.00**	**Actual Result**	**74%**

6.b. Engineering / Professional Service Firm Information:

Name: **AECOM Technical Services, Inc.**
Address: **7650 West Courtney Campbell Causeway**
City, State, Zip: **Tampa, FL 33607**
Telephone: **813-636-2425**

6.b. Name and Address of MWBE Subconsultant

Name: **K Merck & Associates Inc.**
Address: 4614 N. Landmark Drive
City, State, Zip: Orlando, FL 32817
Telephone: 407-681-9200

6.c. *Identity: Caucasian Female American
Work Item(s): Principal
Amount of Subcontract $50,160.00
Percent of Prime Contract (%): 74%

*** In Items 3.c. and 6.c. above specify the identity of MWBE Subcontractors and E/PS Firms (e.g. Black American, Hispanic American, Asian Subcontinent American, Asian Pacific American, Caucasian Female American, Native American & Other)**

AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, FL 33607. Phone: 813-636-2425 Fax: 813-287-8591

AECOM

November 28, 2023

Mr. Max Marble
Senior Vice President, Capital Programs
GREATER ORLANDO AVIATION AUTHORITY
5850 Cargo Road
Orlando, Florida 32827-4399

Subject: W-S00211 Terminal C Phase 2
Orlando International Airport

Dear Mr. Marble:

AECOM is pleased to submit this proposal to provide OAR services for the project defined by the Senior Vice President of Capital Programs at the Orlando International Airport. This proposal has been prepared based on our understanding of the following scope of work: Program Management services to support the Terminal C Phase 2 Program Definition Document Development efforts.

AECOM Technical Services, Inc. hours are proposed for charges incurred for Project Management Services that will include but not be limited to meetings with GOAA Departments, investigative efforts, and research documentation

This Task will be an Addendum to AECOM's Continuing Program and Project Management Services, dated July 12, 2022. This work will be billed as a Not-to-Exceed amount of $67,980.00 and will commence on December 19, 2023.

The services for this project will be performed in accordance with the provisions of GOAA's standard agreement for professional services and as indicated in the attached project schedule showing the proposed staffing levels for the duration of the project.

We appreciate the opportunity to present this proposal and we look forward to working with GOAA on these important construction staff services. Should you have any questions or if we may be of further assistance, do not hesitate to contact the undersigned.

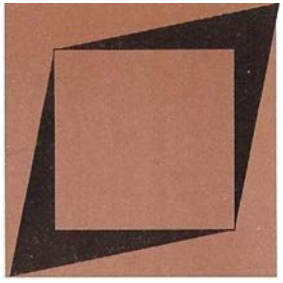
Sincerely,

Ross Spence
Vice President
AECOM Technical Services, Inc.

GOAA

W-S00211 Terminal C Phase 2 Support

COMPANY	Hourly Rate	Hours	DESCRIPTION AND PERSON'S NAME	FORECASTED LABOR
AECOM	$ 297.00	60	Sr. Program Director	$ 17,820.00
KMERCK	$ 285.00	176	Principal	$ 50,160.00
			Subtotal	**$ 67,980.00**



K MERCK
& ASSOCIATES
DESIGN AND CONSTRUCTION
ADVISORS

October 23, 2023

sent via e-mail October 23, 2023

Mr. Ross Spence
AECOM Technical Services, Inc.
150 N. Orlando Avenue, Suite 200
Orlando, FL 32801

RE: Terminal C Phase 2 Program Definition Document (PDD)
Changing Regulatory Liaison Services Proposal
Orlando International Airport

Dear Mr. Spence,

Please see the attached Proposal for GOAA Terminal C Phase 2 Program Definition Document (PDD) Changing Regulatory Requirements Liaison Services.

Thank you for this opportunity.

If you have any questions or comments regarding the proposal, please call me at 407.340.3904.

Best regards,

Ksenia J. Merck, AIA, NCARB
President

K MERCK
& ASSOCIATES
DESIGN AND CONSTRUCTION
ADVISORS

October 23, 2023

Sent via email

PROJECT: Terminal C Phase 2 Program Definition Document (PDD)
Changing Regulatory Liaison Services Proposal

SCOPE: GOAA Changing Regulatory Requirements Liaison

1. Changing Regulatory Liaison Services for the CBP, TSA and OPD to include Lessons Learned from Phase 1 and Agency Coordination
2. Attend Program Definition Meetings as required per GOAA and follow up as needed with any information requests

FEES:

Effective date: Services begin after Construction Committee approval November 7, 2023
Fees: hourly rate $285.00 (Ksenia J. Merck) Principal negotiated 10.10.23
Employee: Ksenia J. Merck; Position: ~~Sr. Program Director~~ Principal

Estimated hours	Not to Exceed Fee
176	$ 50,160

K MERCK & ASSOCIATES IS CERTIFIED AS A WBE BY THE CITY OF ORLANDO AND THE CITY OF TAMPA

Greater Orlando Aviation Authority
AECOM Technical Services, Inc.
Continuing Program and Project Management Services
Projected Hours by Task for FY2024 (October 1, 2023 - September 30, 2024)

Legend:
Proposal submitted for review
Previously approved
Future proposal

Name	Position	Sponsor	Task Description	TOTAL
TBD/Lisa Stoeckert	Project Accountant	Grant	Tenant/Concessions - Project Management Oversight	480
			TOTAL	**480**
Nadege Cadet	Project Coordinator	McKeown	Project Coordinator for Project Controls/PEC Dept.	0
			TOTAL	**0**
Chayla German	Project Coordinator	Dennis	Project Coordinator for Project Controls/CF Dept.	2080
			TOTAL	**2080**
Fransheska Brown	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.	2080
			TOTAL	**2080**
Lisa Stoeckert	Project Accountant	McKeown	Project Accountant for Project Controls/PC Dept.	192
			TOTAL	**192**
Lisa Stoeckert	Project Accountant	Dennis	Project Accountant for Construction Finance/CF Dept.	96
			TOTAL	**96**
Lisa Stoeckert	Project Accountant	Shedek	Project Accountant for E-S00015	16
			TOTAL	**16**
Pankaj Gupta	Sr. Project Manager	Shedek	Sr. Project Manager for E-S0015	80
			TOTAL	**80**
Lisa Stoeckert	Project Coordinator II	Shedek	Project Coordinator for H-S00029 Airfield Civil Restart Project	100
			TOTAL	**100**
Lisa Stoeckert	Project Management Assista	Taylor	Specialty Systems Staffing	75
			TOTAL	**75**
Ross Spence	Sr. Program Director	Shedek	Terminal C Day 2 Closeout	390
			TOTAL	**390**
Ross Spence	Sr. Program Director	Shedek	W-S00151 Terminal C Enhancements	208
			TOTAL	**208**
Steve Fuller	Sr. Construction Manager	Shedek	W-S00151 Terminal C Enhancements	208
			TOTAL	**208**
Ross Spence	Sr. Program Director	Furr	W-00497 North Terminal Refresh	208
			TOTAL	**208**
Steve Fuller	Sr. Construction Manager	Furr	W-00497 North Terminal Refresh	120
			TOTAL	**120**
Lisa Stoeckert	Project Coordinator II	Furr	W-00497 North Terminal Refresh	120
			TOTAL	**120**
Ross Spence	Sr. Program Director	Marble	W-S00211 Terminal C Phase 2 Support	60
			TOTAL	**60**

Greater Orlando Aviation Authority

AECOM Technical Services, Inc.

Projected Hours by Task for FY2024 (October 1, 2023 - September 30, 2024)

Name	Position	Sponsor	Task Description	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	TOTAL
TBD/Lisa Stoeckert	Project Accountant	Grant	Tenant/Concessions - Project Management Oversight	40	40	40	40	40	40	40	40	40	40	40	40	480
			Total	40	40	40	40	40	40	40	40	40	40	40	40	480
Nadege Cadet	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.													0
			Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Chayla German	Project Coordinator	Dennis	Project Coordinator for Project Controls/CF Dept.	176	176	176	176	168	176	176	176	160	176	176	168	2080
			Total	176	176	176	176	168	176	176	176	160	176	176	168	2080
Fransheska Brown	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.	176	176	176	176	168	176	176	176	160	176	176	168	2080
			Total	176	176	176	176	168	176	176	176	160	176	176	168	2080
Lisa Stoeckert	Project Accountant	McKeown	Project Accountant for Project Controls/PC Dept.	16	16	16	16	16	16	16	16	16	16	16	16	192
			Total	16	16	16	16	16	16	16	16	16	16	16	16	192
Lisa Stoeckert	Project Accountant	Dennis	Project Accountant for Construction Finance/CF Dept.	8	8	8	8	8	8	8	8	8	8	8	8	96
			Total	8	8	8	8	8	8	8	8	8	8	8	8	96
Lisa Stoeckert	Project Accountant	Shedek	Project Accountant for E-S00015	2	2	2	2	1	1	1	1	1	1	1	1	16
			Total	2	2	2	2	1	1	1	1	1	1	1	1	16
Pankaj Gupta	Sr. Project Manager	Shedek	Sr. Project Manager for E-S0015	80												80
			Total	80	0	0	0	0	0	0	0	0	0	0	0	80
Lisa Stoeckert	Project Coordinator II	Shedek	Project Coordinator for H-S00029 Airfield Civil Restart Project	40	40	20										100
				40	40	20	0	0	0	0	0	0	0	0	0	100
Lisa Stoeckert	Project Management Assistant	Taylor	Specialty Systems Staffing	6	6	6	6	6	6	6	6	6	6	6	9	75
				6	6	6	6	6	6	6	6	6	6	6	9	75
Ross Spence	Sr. Program Director	Shedek	Terminal C Day 2 Closeout	130	130	130										390
				130	130	130	0	0	0	0	0	0	0	0	0	390
Ross Spence	Sr. Program Director	Shedek	W-S00151 Terminal C Enhancements			36	92	80								208
				0	0	36	92	80	0	0	0	0	0	0	0	208
Steve Fuller	Sr. Construction Manager	Shedek	W-S00151 Terminal C Enhancements			36	92	80								208
				0	0	36	92	80	0	0	0	0	0	0	0	208
Ross Spence	Sr. Program Director	Furr	W-00497 North Terminal Refresh			0	80	64	64							208
				0	0	0	80	64	64	0	0	0	0	0	0	208
Steve Fuller	Sr. Construction Manager	Furr	W-00497 North Terminal Refresh			16	40	32	32							120
				0	0	16	40	32	32	0	0	0	0	0	0	120
Lisa Stoeckert	Project Coordinator II	Furr	W-00497 North Terminal Refresh			16	40	32	32							120
				0	0	16	40	32	32	0	0	0	0	0	0	120
Ross Spence	Sr. Program Director	Marble	W-S00211 Terminal C Phase 2 Support			0	12	12	12	12	12					60
				0	0	0	12	12	12	12	12	0	0	0	0	60

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Aviation Authority, whichever is later.

Consultant: AECOM Technical Services Inc.

By:_____

Print Name: Ross Spence

Date: November 28, 2023

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, Assistant Vice President Engineering**
(Prepared by Brittany A. Davis Project Manager)

Date: **December 19, 2023**

Re: **Request for Approval of an Amendment to Addendum 7 to the Continuing Program and Project Management Services Agreement with The Roderick Group, Inc. dba Ardmore Roderick for a No Cost Reallocation, Adjustment of Labor Rates and Decrease in OAR Staffing Hours Estimate for the BP-00049 Taxiway A, B, and E4 Rehabilitation project at Orlando Executive Airport**

On June 6, 2023, the Construction Committee recommended approval of Amendment 7 in the amount of $299,966.00 for the Construction Phase OAR Services to the above referenced agreement, subject to a future Federal Aviation Administration (FAA) grant. This amount was included in the grant application and was submitted to the FAA shortly after. The Greater Orlando Aviation Authority (GOAA) has recently received the FAA grant offer dated September 12, 2023, which the Aviation Authority Board approved on October 18, 2023. Since that time, it has been discovered that updated labor rates have been approved for The Loyal Wingman, effective September 26, 2023 and October 23, 2023. In addition CMI personnel role changed from Safety Manager to Safety Director that included a rate increase. Also, the labor rates changing the Asphalt plant inspection/on-site materials sampling is removed from the NTE expense and reallocated to the NTE Fees. The project rate adjustment has a no cost increase to the project and has a decrease in hours for the Prime and Subcontractors, which will not affect the duration of the project. Therefore, it is respectfully requested that funds be reallocated from Not-to-Exceed Expenses to Not-to-Exceed Fees as detailed below:

	Addendum 7	Proposed Reallocation	Revised Total
NTE Fees	$269,200.00	$13,266.00	$282,466.00
LS Fees	$0.00	$0.00	$0.00
NTE Expenses	$30,766.00	($13,266.00)	$17,500.00
TOTAL	**$299,966.00**	**$0.00**	**$299,966.00**

GREATER ORLANDO AVIATION AUTHORITY

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

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

Funding is from Federal Aviation Authority & Florida Department of Transportation grants to the extend eligible and previously approved ORL Revenue Fund. Funding source verified by Melvin Martinez of Construction Finance on 12 / 14 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve the No-Cost Amendment to Addendum 7 to the Continuing Program and Project Management Services Agreement with The Roderick Group, Inc. dba Ardmore Roderick for Adjustment of Labor Rates, decrease in OAR Staffing Hours Estimate, and reallocation of funds from NTE Expense to NTE Fees as contained herein and amount as shown below:

Not to Exceed Fees	$13,266.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	($13,266.00)
TOTAL	**$0.00**
AAC – Compliance Review Date	EW 12/14/23
AAC – Funding Eligibility Review Date	12/14/23

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: December 19, 2023

RE: Request for Approval of an Amendment to Addendum 7 to the Continuing Program and Project Management Services Agreement with The Roderick Group, Inc. dba Ardmore Roderick for a No Cost Reallocation, Adjustment of Labor Rates and Decrease in OAR Staffing Hours Estimate for the BP-049 Taxiway A, B and E4 Rehabilitation project at Orlando Executive Airport

The proposed no-cost amendment to Addendum 7 impacts DBE participation, reducing it from 45% to 42%, as illustrated in the table below. Our analysis indicates that The Roderick Group, Inc. dba Ardmore Roderick is eligible for award of the subject amendment.

DBE Subcontractors	Addendum 7	No-Cost Amendment to Addendum 7
Elipsis Engineering & Consulting, LLC	38,848.00	44,254.00
Geotech Consultants International, Inc., DBA GCI Inc.	88,119.00	73,920.00
On Point Surveying, Inc.	7,500.00	7,500.00
DBE Total	**134,467.00**	**125,674.00**
Total	**299,966.00**	**299,966.00**
DBE %	**45%**	**42%**

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

Ardmore Roderick

December 19, 2023

Tuan Nguyen, PE.
Assistant VP, Engineering
GREATER ORLANDO AVIATION AUTHORITY
11314 Terminal C Service Road
Orlando, FL 32824

Subject: **BP-049_Taxiway A&B and E4 Rehabilitation**
Orlando Executive Airport

Dear Mr. Nguyen

Ardmore Roderick is resubmitting the Addendum 7 package due to the labor rates being updated for Loyal Wingman, effective September 26th, 2023 and October 23, 2023. In addition, CMI personnel role changed from Safety Manager to Safety Director that included at rate increase. Also moving the Elipsis plant inspector from direct cost to Staff. The project rate adjustment has a no cost increase to the project and has a decrease in hours for the Prime and Subcontractors, which will not affect the job being completed. If approved, these labor rates would be effective for OAR services performed under Addendum 7, beginning December 19, 2023.

Sincerely,

Ardmore Roderick

Brittany A. Davis
Brittany A. Davis
Project Manager, Aviation

P: 321.430.6710
F: 773.289.0567
www.ArdmoreRoderick.com

3361 Rouse Road
Suite 140
Orlando, Florida 32817

Ardmore Roderick

Greater Orlando Aviation Authority
Orlando International Airport

BP-049 Taxiways A,B,&E4 Rehabilitation

OAR Staffing Estimate

Role	Individual	Firm	2023		2024							Total
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Senior Project Manager	Ben Brown	Loyal Wingman			16	22	39	34	38	13	3	165
Project Manager	Brittany A. Davis	Ardmore Roderick			30	52	64	42	51	37	6	282
Assistant Project Manager (Field)	Britt Rittman	Ardmore Roderick				90	125	106	110	43	7.936	481.936
Senior Inspector	Rich Dobbyn	GCI				24	168	168	176	24		560
Inspector Aide	Sam Chizek	Loyal Wingman				14	86	86	90	38.9807		314.9807
Compliance Specialist	Sandra Perez	Elipsis				29	46	42	44	31	6	198
Safety Director	Bill White	CMI				16	38	38	38	20	6	156
Sr. Engineering Tech		Elipsis				16	30	30	26	16	16	134
Total Staff Hours					**46**	**263**	**596**	**546**	**573**	**222.981**	**44.936**	**2291.9167**

P: 321.430.6710
F: 773.289.0567
www.ArdmoreRoderick.com

3361 Rouse Road
Suite 140
Orlando, Florida 32817

Ardmore Roderick

Greater Orlando Aviation Authority
Orlando International Airport

BP-049 Taxiways A,B,&E4 Rehabilitation

OAR Staffing Estimate

Role	Individual	Firm	Hourly Rate	Total Hours	Total Fee
Staffing:					
Senior Project Manager	Ben Brown	Loyal Wingman	$ 197.00	165	$ 32,505.00
Project Manager	Brittany A. Davis	Ardmore Roderick	$ 147.00	282	$ 41,454.00
Asst Project Manager (Field)	Britt Rittman	Ardmore Roderick	$ 125.00	481.936	$ 60,242.00
Senior Inspector	Rich Dobbyn	GCI	$ 132.00	560	$ 73,920.00
Inspector Aide	Sam Chizek	Loyal Wingman	$ 52.00	314.9807	$ 16,379.00
Compliance Specialist	Sandra Perez	Elipsis	$ 106.00	198	$ 20,988.00
Safety Director	Bill White	CMI	$ 152.00	156	$ 23,712.00
Sr. Engineering Tech		Elipsis	$ 99.00	134	$ 13,266.00
Subtotal				**2291.9167**	**$ 282,466.00**
Reimbursable Expenses:					
Survey Crew		On Point Surveying			$ 7,500.00
Materials Testing		Elipsis			$ 10,000.00
Subtotal					**$ 17,500.00**
Total:					**$ 299,966.00**

DBE / MWBE / LDB Participation

Firm	DBE	MWBE	LDB	Fee	% Participation
GCI	x			$ 73,920.00	25%
Elipsis	x			$ 44,254.00	15%
On Point Surveying	x			$ 7,500.00	3%
Total:					**42%**

P: 321.430.6710
F: 773.289.0567
www.ArdmoreRoderick.com

3361 Rouse Road
Suite 140
Orlando, Florida 32817

Name	Position	CCM	Project Status	Project #	Description	2023		2024																					2025		Total
						Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
22-034 OAR																															
Colin Paterson	PM		approved	V-00986	AS4 Delta Club Window Replacement-Design	36.3																									36.27
	PM		approved	H-00328	FY23 AS 3 Ramp Slab Rehabilitation			13	20	16	8	14	16																		87
	PM		approved	V-00988	Beachline Warehouse Roof Replacement				57	72	40	82	76																		327
	PM		approved	R-00102	IT Building Roof Replace			12	29	29																					70
	PM		approved	R-00103	West ARFF Roof Replace			11	48	29																					88
	PM		approved	EP-00373	A Side Commercial Curb Canopy Hurricane membrane repair						16	46	42																		104
	PM		approved	V-00997	MCO A-Side Canopy Structural Steel Repair Steel Repair			12	22	30	24	14	26																		128
	PM		approved	R-00104	17L35R Vault Roof Replace									35	38	27	21														121
	PM	10/3	approved	V-01009	Remodel Purchasing Building									59	32	18															109
	PM	10/3	approved	V-00992	Rehabilitation of Structural Steel Commercial Lanes Canopies									74	90	84	89	59	42	44	46	40	46	44	42						700
	SR PM	11/21	approved	V-00992	PTFE evaluation - Amendment 01 to Addendum 11										8																8
	SR PM	10/24	approved	V-01012	Airside1 Wing 4 Ramp Level Restroom Refurbishments										51	35															86
	SR PM	12/5	approved	V-01015	AS3 Wing 3 Bathroom refurbish - OAR Const											17	36	12													65
	SR PM	12/5	approved	V-01013	AS1&3 W2-5 Ramp Level Corr & Stair Refurbish - OAR design											38	4														42
	SR PM	1/9	future	V-01013	AS1&3 W2-5 Ramp Level Corr & Stair Refurbish - OAR Const																										
	SR PM	12/5	approved	V-01014	AS1 Wing 5 Bathroom refurbish - OAR design											38	4														42
	SR PM	1/9	future	V-01014	AS1 Wing 5 Bathroom refurbish - OAR Const																										
	SR PM	12/19	future	H-XXX	QTA Fence Relocation Terminals A & B - OAR Const												44	35	2												81
	SR PM		future	V-XXX	Skylight East Checkpoint Refurbishment - OAR design																										
	SR PM		future	V-XXX	AS3 Wing 2 Bathroom refurbish - OAR design																										
	SR PM		future	V-XXX	AS3 Wing 2 Bathroom refurbish - OAR Const																										
	SR PM		future	V-00986	AS4 Delta Club Window Replacement - OAR design																										
	SR PM		future	V-00986	AS4 Delta Club Window Replacement - OAR Const																										
	SR PM		future	V-XXX	B-side Lvl 3 curbside check-in leaks - OAR design																										
	SR PM		future	V-XXX	B-side Lvl 3 curbside check-in leaks - OAR design																										
					Total:	36.3		48	176	176	88	156	160	168	219	257	198	106	44	44	46	40	46	44	42						2094.27
Tony Odendahl	Sr Insp		approved	H-00328	FY23 AS 3 Ramp Slab Rehabilitation			30	138	132	126	42																			468
	APM		approved	V-00988	Beachline Warehouse Roof Replacement				38	44	34	142	160	10																	428
	APM		approved	R-00102	IT Building Roof Replace			6																							6
	APM		approved	R-00103	West ARFF Roof Replace			6																							6
	APM		approved	V-00997	MCO A-Side Canopy Structural Steel Repair Steel Repair			6																							6
	Sr Insp		approved	H-00359	Pond Dredging Program FY23				32	88	84	92	24																		320
	APM		approved	R-00104	17L35R Vault Roof Replace									10	10	16	16														52
	APM		approved	V-01009	Remodel Purchasing Building									30	26	14															70
	APM		approved	V-00992	Rehabilitation of Structural Steel Commercial Lanes Canopies									20	58	63	69	59	42	44	46	40	46	44	42						573
	APM		approved	V-01012	Airside1 Wing 4 Ramp Level Restroom Refurbishments										8	4															12
	APM		future	V-XXX	AS3 Wing 3 Bathroom refurbish																										
	SR PM	12/19	future	H-XXX	QTA Fence Relocation Terminals A & B - OAR Const														10												10
	APM		future	V-XXX	AS1 Wing 5 Bathroom refurbish																										
	APM		future	V-XXX	AS3 Wing 2 Bathroom refurbish																										
					Total:			48	208	264	244	276	184	70	102	97	85	59	52	44	46	40	46	44	42						1951
Brittany Davis	APM		approved	H-00328	FY23 AS 3 Ramp Slab Rehabilitation						8	16																			24
	APM		approved	V-00988	Beachline Warehouse Roof Replacement						56	14																			70
	APM		approved	V-00997	MCO A-Side Canopy Structural Steel Repair Steel Repair						8	16																			24
	PM		approved	BP-00497	MCO Taxiways G&H-Phase 1										144	129	146	146	158	154	141	147	184	176	168	150	13				1856
	PM		approved	BP-049	Taxiways ABE4 Rehab											30	52	64	42	51	37	6									282
					Total:						72	46			144	159	198	210	200	205	178	153	184	176	168	150	13				2256
Britt Rittman	APM		approved	BP-049	Taxiways ABE4 Rehab												90	125	106	110	43	7.9									481.936
	APM		approved	BP-00497	MCO Taxiways G&H-Phase 1											112	113	87	69	66	129	143	184	176	168	100	13				1360
					Total:											112	203	212	175	176	172	151	184	176	168	100	13				1841.94
George Rugi	APM		approved	BP-00497	MCO Taxiways G&H-Phase 1												13	160	168	170	178	160	177	176	168	145	9				1524
					Total:												13	160	168	170	178	160	177	176	168	145	9				1524
Total OAR Staff Hours						**36.3**		**96**	**384**	**440**	**404**	**478**	**344**	**238**	**465**	**625**	**697**	**747**	**639**	**639**	**620**	**544**	**637**	**616**	**588**	**395**	**35**				**9667.21**

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Greater Orlando Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within one (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Greater Orlando Aviation Authority, whichever is later.

Consultant: Ardmore Roderick

By: 

Print Name: Jeffery A. Jackowski

Date: August 10, 2023

ON POINT SURVEYING, INC.

P.O. Box 770931
Winter Garden, FL 34777
Phone: 407-989-8102
marketing@on-pointsurveying.com
on-pointsurveying.com

May 22, 2023

Ardmore Roderick
ATTN: Colin Paterson
3361 Rouse Road, Suite 140
Orlando, FL 32817

Surveying Services for BP-049 ORL Taxiways A, B, & E4 Rehabilitation
Orlando Executive Airport, OAR Scope

On-Point Surveying, Inc. is proud to bring you our proposal for Professional Land Surveying Services for this project. Our firm is a full-service land surveying company with a combined Professional Surveying and Mapping experience of 32 years, and overall land surveying experience of 60 years.

We pride ourselves on being team players and building positive, lasting relationships with our partners. Our team is comprised of highly motivated and hard-working personnel who have made it our standard to exceed client expectations. We are equipped with the latest technology including robotic instruments and cloud-based systems, which allows us to provide easy and efficient support to our partners and crews on the go and complete submittal documents swiftly.

We truly appreciate the opportunity to provide you this proposal. We hope that you find our proposal both the most cost-effective option and the best fit for your team.

PROPOSED SCOPE OF SERVICES

Option 1: Base Bid **$7,500.00**
On Point Surveying, Inc. (OPS) shall provide surveying services at our hourly rates on an “as needed” basis for the OAR Scope dated April 11, 2023 not-to-exceed $7,500.00 for the base bid only.

Hourly Rates

Project Manager	$130
Project Surveyor	$115
Field Survey Crew	$125
Senior Survey Technician	$95
Junior Survey Technician	$70
Project Administrator	$60

Thank you for your consideration in adding us to your project team! If you have any questions, we are always available by phone or email.

Thank you,
Janna M. Rasberry
Vice President
Phone: 407-989-8103
operations@on-pointsurveying.com
Estimating: marketing@on-pointsurveying.com

Anna Lauren Brown
lauren@theloyalwingman.com
2118 Hoffner Avenue
Belle Isle, FL 32809

November 20, 2023

Jeff Jackowski
Vice President, Infrastructure
Ardmore Roderick
(321) 802-7867
jjackowski@ardmoreroderick.com

Dear Mr. Jackowski,

RE: OAR Services for BP-49, ORL Taxiways A, B, & E4 Rehabilitation

Loyal Wingman, LLC, is pleased to submit this proposal to provide support to your team for the program and project management of project BP-49, Taxiways A, B, & E4 Rehabilitation, at the Orlando Executive Airport. The BP-049 project provides for the removal of Taxiway E5 (approximately 235 feet long x 75 feet wide) and Taxiway E4 (approximately 205 feet long x 60 feet wide) to comply with the current FAA geometric standards required for runway incursion mitigation as identified in the FAA approved ALP. The project includes rehabilitation of existing Taxiway A between Runway 13-31 and Taxiway E (approximately 135 feet long x 50 feet wide) and between Taxiway E and Taxiway A5 (approximately 1,175 feet long x 50 feet long) as identified in the 2019 FDOT Airfield Pavement Management Program report. In addition, rehabilitation of existing Taxiway B between Taxiway E5 and Taxiway A5 (approximately 1,100 feet long x 50 feet long) as identified in the 2019 FDOT Airfield Pavement Management Program report will be included. Rehabilitation of Taxiway B1 is also required for the project.



BP-49 Project Limits

At your invitation, I have completed a review of the available documents including the bid plans and the Engineer's Report. Based on our review of the plans we would propose including both our Senior Project Manager as well as our Inspector Aide to support your project team. Based on the various additive alternatives, the hours required will be adjusted accordingly based on what is awarded.

Our proposed fees for the services are:

		Hours	Hourly Rate	Fee
Senior Project Manager	**Ben Brown**	165	$197	$32,505.00
Senior Inspector	**Paul Zimmerman**	0	$93	$0.00
Inspector Aide	**Sam Chizek**	314.9807	$52	$16,379.00
Total				**$48,884.00**

Loyal Wingman is founded on three core principles: Loyalty, Integrity, and Wisdom. A fighter pilot's wingman flies just outside and behind the lead in formation to provide protective support. This is how we view our role. Your plans and goals become our mission. We lead in the background, helping pull together the resources and collaborating across teams. We have demonstrated the ability to work well with other firms, trouble shoot unforeseen problems, deliver plans that meet your needs, and build safe and lasting projects.

Thanks for the opportunity to collaborate on this project. We look forward to building back the airfield team with you.

For the mission,

A. Lauren Brown

President/ Operations Manager
LOYAL WINGMAN, LLC.

Owner's Representative

Estimating / Scheduling

Value Engineering

Life Cycle Costing

LEED Consulting

Constructability Review

Cashflow Projections

Change Orders

Claims Analysis

Contract Administration

Commissioning

Construction Auditing

Information Technology

Database Development

Facilities Condition Assessment

158 Terra Mango Loop
Suite B
Orlando, FL 32835
Tel: 407.293.4168
Fax: 407.293.0944
Website: www.cminc.biz
Email: cmi@cminc.biz

20 November 2023

Ms. Brittany A. Davis
Project Manager
Ardmore Roderick
3361 Rouse Road, Suite 140
Orlando, Florida 32817

CMI No. P-5324	
Project: Orlando International Airport BP-049 Taxiway A, B and E4 Rehabilitation Construction Safety Oversight	
Total NTE Fee	$ 23,712.00
Twenty-Three Thousand, Seven Hundred and Twelve Dollars.	

Dear Ms. Davis

We hereby submit our fee proposal to provide OAR Consulting Services. Our understanding is that we will be providing construction phase safety oversight services.

SERVICES

Our scope will be to support Ardmore Roderick OAR team with safety observation, compliance and reporting services for the construction of BP-049 Taxiway A, B and E4 Rehabilitation Project at Orlando International Airport.

FEE SCHEDULE

Our anticipated staffing plan equates to an NTE Fee. Below is our OAR Staffing Manhours

Staff	Role	Total Hours	Rate	Total NTE Fe
Bill White	Safety Director	156	$ 152.00	$ 23,712.00

MWBE / LDB PARTICIPATION

CMI is certified by the Authority as a MBE firm for providing these professional services.

EXCLUSIONS

This proposal excludes: scheduling, cost estimating, office space rental, utilities, computers, printers and copiers.

PAYMENT

We will invoice in accordance with the terms of your Contract with the Aviation Authority.

Sincerely,
CMI

William W. White

William W. White
Safety Director

Date: 11/17/2023
To: Ardmore Roderick

Proposal Cost Estimate for Inspection and Laboratory Services
BP-049 Taxiways A, B, &E4 Rehabilitation
EEC PRO 193

Description	Estimated Quantity	Unit	Unit Rate	Estimated Cost
Complaince Specialist/Contract Support Specialist	198	Hour	$106.00	$ 20,988.00
Sr. Engineering Technician (asphalt plant inspection & on-site materials sampling)	134	Hour	$99.00	$ 13,266.00
			Manhour Budgeted Total:	$ 34,254.00
Atterberg Limits	unit rate	Each	$150.00	
Sieve Analysis	unit rate	Each	$75.00	
Percent Fines (Wash 200)	unit rate	Each	$50.00	
Hydrometer Analysis	unit rate	Each	$95.00	
Organic Content Determination	unit rate	Test	$60.00	
Moisutre Content	unit rate	Test	$50.00	
FM 5-550 Soils pH Soil or Water	unit rate	Test	$60.00	
FM 5-551 Soils Resistivity Soil or Water	unit rate	Test	$65.00	
FM 5-552 Soils Chloride Soil or Water	unit rate	Test	$75.00	
FM 5-553 Soils Sulfate Soil or Water	unit rate	Test	$65.00	
FM 5-515 Limerock Bearing Ratio	unit rate	Each	$400.00	
T99 Standard Proctor or T180 Modified Proctor	unit rate	Each	$130.00	
ASTM C109 Concrete Compressive Strength & Breaking	unit rate	Each Break	$40.00	
ASTM C78 Flexural Beam Strength & Breaking	unit rate	Each Break	$75.00	
Soil Cement Pills	unit rate	Each	$40.00	
Asphalt Extraction & Gradation	unit rate	Each	$350.00	
Asphalt/Concrete Core	unit rate	Each	$175.00	
Mobilzation Asphalt/Concrete Coring Equipment	unit rate	Each	$400.00	
Project Engineer (report review, sign and seal, responsible charge)	unit rate	Hour	$169.00	
Project Manager (scheduling, coordination, specialized services oversite)	unit rate	Hour	$150.00	
			Laboratory Testing Budgeted Total:	$ 10,000.00
			Total Proposal Amount:	$ 44,254.00

GCI INC.

November 20, 2023

Ms. Brittany Davis
Project Manager
Ardmore Roderick
11308 Terminal C Service Road
Orlando, FL 32824

Subject: **BP-00049 Taxiway A, B and E4 Rehabilitation**
Orlando International Airport

Dear Ms. Davis:

GCI Inc. is pleased to submit this proposal to provide OAR Inspection services for the above-referenced project at the Orlando International Airport. This proposal has been prepared based on our understanding of the requested scope of work.

The scope of our services for the proposed project will consist of providing assistance to Ardmore Roderick staff for construction inspection and coordination services for day shift construction activities.

Our estimated man-hour requirements and applicable unit rates for completion of the project are attached to this proposal. The total contract value is estimated at **$73,920.00**. This amount consists of **$73,920.00** for Not to Exceed Fees and **$0.00** for Not to Exceed Expenses.

The services for this project will be performed in accordance with the provisions of GOAA's standard agreement for professional services and as indicated in the attached project schedule showing the proposed staffing levels for the duration of the project.

We appreciate the opportunity to present this proposal and we look forward to working with Ardmore Roderick on this most important project. Should you have any questions or if we may be of further assistance, do not hesitate to contact the undersigned.

Sincerely,

GCI Inc.

for Owusu Amaning
Managing Principal

Orlando International Airport

BP-00049 Taxiway A, B and E4 Rehabilitation **20-Nov-23**

Construction Phase OAR Staffing Estimate

Role	Individual	Firm	2024					Total
			Jan	Feb	Mar	Apr	May	
Sr. Inspector	R. Dobbyn	GCI	110	110	120	120	100	**560**
TOTAL STAFF HOURS			**110**	**110**	**120**	**120**	**100**	**560**

Orlando International Airport

BP-00049 Taxiway A, B and E4 Rehabilitation

Construction Phase OAR Staffing Estimate

Role	Firm	Hourly Rate	Total Hours	Total Fee
Sr. Inspector	GCI	$132.00	560	$73,920.00
SUBTOTAL			**560**	**$73,920.00**
REIMBURSABLE EXPENSES:				$0.00
SUBTOTAL				**$0.00**
TOTAL:				**$73,920.00**
MWBE/LDB PARTICIPATION:			**% Participation**	
		$0.00	0.00%	$0.00
SUBTOTAL				**$0.00**

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Greater Orlando Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within one (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Greater Orlando Aviation Authority, whichever is later.

Consultant: GCI, Inc.

By: 

Print Name: Jamie McGonagill

Date: 11/20/23

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: **Scott Shedek, P.E, Vice President of Construction**
(As Prepared by Brian Gainous, Senior Project Manager - CMI)

Date: **December 19, 2023**

Re: **Request for the Approval of an Addendum to the Continuing Program and Project Management Services with Cost Management Inc. dba CMI to provide Construction Phase Owner's Approved Representative (OAR) Services for H-00361 JFB (Loop Road) Terminal B Entrance Reconfiguration at Orlando International Airport.**

Consultant's proposal, dated December 01, 2023, is to provide Owners Approved Representative (OAR) Consulting Services in support of H-00361 JFB (Loop Road) Terminal B Entrance Reconfiguration at Orlando International Airport.

If approved, these services would be effective date of Construction Committee approval.

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

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

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

Funding is from previously approved General Airport Revenue Bonds (GARB) and Line of Credit to be reimbursed by GARBs. Funding source verified by Melvin Martinez Construction Finance on 12/14/23 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services with Cost Management Inc. dba CMI for the services contained herein and the amount as shown below:

Not to Exceed Fees	$249,843.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	$0.00
TOTAL	**$249,843.00**
AAC – Compliance Review Date	SJ 12/12/23
AAC – Funding Eligibility Review Date	12/12/23

CC
ITEM IV-H
12/19/2023

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: December 19, 2023

RE: Request for the Approval of an Addendum to the Continuing Program and Project Management Services with Cost Management Inc. dba CMI to provide Construction Phase Owner's Approved Representative (OAR) Services for H-00361 JFB (Loop Road) Terminal B Entrance Reconfiguration at Orlando International Airport.

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that Cost Management, Inc. dba CMI proposes 44% MWBE and 7% LDB participation on this addendum.

Our analysis indicates that Cost Management, Inc. dba CMI is eligible for award of the subject addendum.

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

MWBE UTILIZATION FORM FOR NON-FEDERALLY FUNDED PROJECTS
PLEASE COMPLETE THIS FORM

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

Name of Airport: **Orlando International Airport** Telephone No: **(407) 825-7179**

Address: **One Jeff Fuqua Boulevard, Orlando, FL 32827**

Project Name & Number: **Request for the Approval of an Addendum to the Continuing Program and Project Management Services with Cost Management Inc. dba CMI to provide Construction Phase Owner's Approved Representative (OAR) Services for H-00361 JFB (Loop Road) Terminal B Entrance Reconfiguration at Orlando International Airport.**

1. Construction Information:

Addendum Amount:

2. MWBE Goal by Group Representation:

Asian Pacific American		Actual Result	
Asian Subcontinent American		Actual Result	
Black American		Actual Result	
Caucasian Female American		Actual Result	
Hispanic American		Actual Result	
Native American		Actual Result	
Other		Actual Result	
Total MWBE Participation	**-**	**Actual Result**	

3.a. Prime Contractor Information:

Name:
Address:
City, State, Zip:
Telephone:

3.b. Name and Address of MWBE Subcontractor

Name:
Address:
City, State, Zip:
Telephone:

3.c. *Identity:
Work Item(s):
Amount of Subcontract
Percent of Prime Contract (%):

4. Engineering/Professional Services Information:

Addendum Amount: **$249,843.00**

5. MWBE Goal by Group Representation:

Asian Pacific American	-	Actual Result	0%
Asian Subcontinent American	-	Actual Result	0%
Black American	110,928.00	Actual Result	44%
Caucasian Female American	-	Actual Result	0%
Hispanic American	-	Actual Result	0%
Native American	-	Actual Result	0%
Other		Actual Result	0%
Total MWBE Participation	**110,928.00**	**Actual Result**	**44%**

6.b. Engineering / Professional Service Firm Information:

Name: **Cost Management, Inc. dba CMI**
Address: **158 Terra Mango Loop, Suite B**
City, State, Zip: **Orlando, FL 32835**
Telephone: **(407) 293-4168**

6.b. Name and Address of MWBE Subconsultant

Name: **Geotech Consultants International, Inc.**
Address: 2290 North Ronald Reagan Blvd. Suite 100
City, State, Zip: Longwood, FL 32750
Telephone: 407-331-6332

6.c. *Identity: Black American
Work Item(s): Inspection / project coordination
Amount of Subcontract $110,928.00
Percent of Prime Contract (%): 44%

*** In Items 3.c. and 6.c. above specify the identity of MWBE Subcontractors and E/PS Firms (e.g. Black American, Hispanic American, Asian Subcontinent American, Asian Pacific American, Caucasian Female American, Native American & Other)**

LDB/VBE UTILIZATION FORM FOR NON-FEDERALLY FUNDED PROJECTS
PLEASE COMPLETE THIS FORM

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

Name of Airport: **Orlando International Airport** Telephone No: **(407) 825-7179**

Address: **One Jeff Fuqua Boulevard, Orlando, FL 32827**

Project Name & Number: **Request for the Approval of an Addendum to the Continuing Program and Project Management Services with Cost Management Inc. dba CMI to provide Construction Phase Owner's Approved Representative (OAR) Services for H-00361 JFB (Loop Road) Terminal B Entrance Reconfiguration at Orlando International Airport**

1. Construction Information:

Addendum Amount:

2.a. Name and Address of Prime Contractor

Name:
Address:
City, State, Zip:
Telephone:

2.b. Name and Address of LDB/VBE Subcontractor

Name:
Address:
City, State, Zip:
Telephone:

2.c. LDB or VBE?
***Identity:**
Work Item(s):
Amount of Subcontract:
Percent of Prime Contract (%)

3. Engineering/Professional Services Information:

Addendum Amount: **$249,843.00**

4.a. Engineering / Professional Service Firm Information:

Name: **Cost Management, Inc.**
Address: **158 Terra Mango Loop, Suite B**
City, State, Zip: **Orlando, FL 32835**
Telephone: **(407) 293-4168**

4.b. Name and Address of LDB/VBE Subconsultant

Name: **Artistic Identity, LLC**
Address: 923 1st Street
City, State, Zip: Altamonte Springs, Florida 32701
Telephone: 321-231-0566

4.c. LDB or VBE? LDB
***Identity:** Caucasian Male
Work Item(s) CA Services
Amount of Subcontract $16,380.00
Percent of Prime Contract (%) 7%

*** In Items 2.c. and 4.c. above specify the identity of LDB/VBE Subcontractors and E/PS Firms (e.g. Black American, Hispanic American, Asian Subcontinent American, Asian Pacific American, Caucasian Female American, Native American & Other)**

December 12, 2023

Mr. Scott Shedek, P.E.
Vice President of Construction
Greater Orlando Aviation Authority
11314 Terminal C Service Road
Orlando, Florida 32824

	CMI No. P-5310
Project: OAR Services for H-00361 JFB (Loop Road) Terminal B Entrance Reconfiguration	
CMI	$249,843.00
Total Not to Exceed Fees	$249,843.00
Two Hundred Forty Nine Thousand, Eight Hundred and Forty-Three Dollars	

Dear Mr. Shedek,

We hereby submit our fee proposal for Construction Project Management Services. Our understanding is that the scope of this project consists of the design and construct a reconfiguration of the roadway system that enters Terminal B, and to include the entrances to the Arrivals Curb, the Departures Curb, the Ground Transportation Curb, the Terminal B Parking Garage, and the Rental Car Return. This project also includes any related roadway, building improvement, and related services.

SERVICES

Our scope of services for this project will consist of providing support to the GOAA staff with safety and project management (OAR), and reporting services as the process may require.

FEE SCHEDULE

Based on the attached OAR Staffing Manhours sheet, our anticipated staffing plan equates to a NTE Fee, effective date of Construction Committee approval.

MWBE / LDB PARTICIPATION

GCI, a certified MBE / LDB firm, will be providing inspection / project coordination services and their participation is 44%. Artistic Identity LLC, a certified LDB firm, will be providing CA services and their participation is 7%.

EXCLUSIONS

This proposal excludes: office space rental; utilities; cost estimating & scheduling and travel outside of the Central Florida area.

PAYMENT

We will invoice in accordance with the terms of our Contract with the Authority.

Sincerely,

CMI

Brian Gainous

Brian Gainous
Senior Project Manager

Owner's Representative
Estimating / Scheduling
Value Engineering
Life Cycle Costing
LEED Consulting
Constructability Review
Cashflow Projections
Change Orders
Claims Analysis
Contract Administration
Commissioning
Construction Auditing
Facilities Condition Assessment
Information Technology
Database Development
Program Management Software Modules

158 Terra Mango Loop
Suite B
Orlando, FL 32835
Tel: 407.293.4168
Fax: 407.293.0944
Website: www.cminc.biz
Email: cmi@cminc.biz

GCI INC.

December 11, 2023

Mr. Brian Gainous
Project Manager
Cost Management Inc., d/b/a CMI
113086 Terminal C Service Road
Orlando, FL 32824

Subject: **H-00361 JFB (Loop Road) Terminal Entrance Reconfiguration D/B**
Orlando International Airport

Dear Mr. Gainous:

GCI Inc. is pleased to submit this proposal to provide OAR Inspection services for the above-referenced project at the Orlando International Airport. This proposal has been prepared based on our understanding of the requested scope of work.

The scope of our services for the proposed project will consist of providing assistance to CMI staff in the areas of construction inspection and coordination services and project control for day shift construction activities.

Our estimated man-hour requirements and applicable unit rates for completion of the project are attached to this proposal. The total contract value is estimated at **$110,928.00**. This amount consists of **$110,928.00** for Not to Exceed Fees and **$0.00** for Not to Exceed Expenses.

The services for this project will be performed in accordance with the provisions of GOAA's standard agreement for professional services and as indicated in the attached project schedule showing the proposed staffing levels for the duration of the project.

We appreciate the opportunity to present this proposal and we look forward to working with CMI on this most important project. Should you have any questions or if we may be of further assistance, do not hesitate to contact the undersigned.

Sincerely,

GCI Inc.

for James McSmagid
Owusu Amaning
Managing Principal

Orlando International Airport

H-00361 JFB (Loop Road) Terminal Entrance Reconfiguration D/B **11-Dec-23**

Construction Phase OAR Staffing Estimate

Role	Individual	Firm	2024							Total
			Jan	Feb	Mar	Apr	May	Jun	Jul	
Sr. Inspector	M. Danner	GCI	120	160	120	160	160	44	0	**764**
Sr. Project Coordinator	N. Supaswud	GCI	15	15	15	15	15	15	15	**105**
TOTAL STAFF HOURS			**135**	**175**	**135**	**175**	**175**	**59**	**15**	**869**

Orlando International Airport

H-00361 JFB (Loop Road) Terminal Entrance Reconfiguration D/B **11-Dec-23**

Construction Phase OAR Staffing Estimate

Role	Firm	Hourly Rate	Total Hours	Total Fee
Sr. Inspector	GCI	$132.00	764	$100,848.00
Sr. Project Coordinator	GCI	$96.00	105	$10,080.00
SUBTOTAL			**869**	**$110,928.00**
REIMBURSABLE EXPENSES:				$0.00
SUBTOTAL				**$0.00**
TOTAL:				**$110,928.00**
MWBE/LDB PARTICIPATION:			**% Participation**	
		$0.00	0.00%	$0.00
SUBTOTAL				**$0.00**

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Greater Orlando Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within one (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Greater Orlando Aviation Authority, whichever is later.

Consultant: GCI, Inc.

By: 

Print Name: Jamie McGonagill

Date: 11/21/23

Greater Orlando Aviation Authority

GCI Staff Extension Forcast for FY24

Legend:

Proposal submitted for review
Previously approved
Funds needed to finish
Future proposal

Updated: 11/21/23

				168	176	176	160	176	168	168	176	176	160	176	176	168	184	160	
Name	**Position**	**Project**	**Task Description**	23-Sep	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Total Hours
A. Parker	Project Coordinator II																		
C. Hernandez	Sr. Project Coordinator	BP-S00199	Train Station Passenger Drop-Off Lobby Parking Lot D/B Phase 2		30	60	60	30											180
		V-01002	Terminal A and B Center Core CCTV Installation		5	5	5												15
		V-1003	Annex Campus Security Infrastucture (ACS Installation - IT /Motor Pool /Maintenance Shop)			10	10	10	10										40
		BP-S00191	STC Buildout of Tenant Space Program Soft Cost																0
		BP-S00193	South Employee Parking Lot		25	25	19												69
		W-00453	A/S 2 & 4 APM Replacement Program Mgmt. & Oversight		84	84	84	84	84	84	168	168	160	168	168	168			1504
		V980	CCTV R &R Phase 1 - Landside Terminal A&B (D/B) (DCP)		20	20	20												60
		V980	CCTV R &R Phase 1 - Landside Terminal A&B (D/B) (Construction)					20	20	20									60
		V-S00043	STC Egress Stair Vision Screen		3	3	3	2											11
		V-S00044	Completion of Unfinished Scope from Project BP-S00187			4	5	7	7	5	0								28
		E-281	Airside 4 PA System Upgrade				8	88	84	84	78	30	27	15					414
		Total			**167**	**211**	**214**	**241**	**205**	**193**	**246**	**198**	**187**	**183**	**168**	**168**			**2381**
N. Supaswud	Sr. Project Coordinator	FY24	Small Projects Staff Extension		132	126	120	132	126	126	132	132	120	132	132	120			1530
		XXX	MCO Level 1 Office Space Design Proposal																
		V980	CCTV R &R Phase 1 - Landside Terminal A&B (D/B) (Construction)																
		V-1006	Airside 3, Wing 1 Ramp Level Upgrades, OIA		20														20
		H-00361	JFB (Loop Road) Terminal Entrance Reconfiguration D/B					15	15	15	15	15	15	15					105
		Total			**152**	**126**	**120**	**147**	**141**	**141**	**147**	**147**	**135**	**132**	**132**	**120**			**1640**
L. Antoine	Ast. Project Manager (Office)	BP-S00199	Train Station Passenger Drop-Off Lobby Parking Lot D/B Phase 2		60	60	60	30											210
		H-S00029	Airfield Civil Restart Enabling Work																0
		H-S00027	Temporary Quick-Turn-Around Facility - Nov. 30th		20														20
		V-01010	MCO Terminal A East Level 1 Office Creation		10	13	13	13	13	13	13	13	13						114
		BP-496	Rehabiliation of Taxiway L,N, & Taxiway Connector N1 Through N6 - WSP to let us know the hrs																0
		Total			**90**	**73**	**73**	**43**	**13**	**13**	**13**	**13**	**13**						**344**
M. Murnane	Sr. Contract Admin.																		
		Total																	
J. McGonagill	Sr. Project Manager	BP-S00199	Train Station Passenger Drop-Off Lobby Parking Lot D/B Phase 2		80	80	60	30											250
		V-01002	Terminal A and B Center Core CCTV Installation		10	10	5												25
		BP-S00191	STC Buildout of Tenant Space Program Soft Cost		30	40	40												110
		BP-S00193	South Employee Parking Lot		30	30	30												90
		XXX	MCO Level 1 Office Space Design Proposal																0
		E-281	AS 4 PA Upgrades - On hold until Jan.																0
		V980	CCTV R &R Phase 1 - Landside Terminal A&B (D/B) (DCP)		20	30	30												80
		V980	CCTV R &R Phase 1 - Landside Terminal A&B (D/B) (Construction)					88	84	84	88	88	80	88	88	84			772
		V-981	Hyatt 4th Floor Water Heater Piping Repairs (D/B)																0
		V-1003	Annex Campus Security Infrastucture (ACS Installation - IT /Motor Pool /Maintenance Shop)				20	24	20										64
		XXXX	LS Level 1, 2, 3 PA Upgrades - On Hold																0
		XXXX	West Checkpoint Ceiling - On Hold																0
		V-S00044	STC Egress Stair Vision Screen		5	5	5	5											20
		V-01010	MCO Terminal A East Level 1 Office Creation		8	8	8	8	8	8	8	8	8						72
		E-S0019	Terminal C Exit Signage in Landside and Airside		1	5	5	5											16
		V-S00044	Completion of Unfinished Scope from Project BP-S00187			8	12	11	10	10	3								54
		E-281	Airside 4 PA System Upgrade				10	88	84	84	60	50	23	20					419
		Total			**184**	**216**	**225**	**259**	**206**	**186**	**159**	**146**	**111**	**108**	**88**	**84**			**1972**
J. Pancoast	Project Manager		Small Projects Staff Extension FY24		0	66	120	132	126	126	132	132	120	132	132	120			1338
		E-00275	Common Use and Biometric Expansion A/S 2																0
		E-00276	Common Use and Biometric Expansion A/S 3																0
		E-XXX	East Security Checkpoint Temperature Issue																0
		H-344	Colonial Prom. East Parking Lot & Gear Lake Ave Rehab																0
		H-345	Colonial Promenade Landscape Upgrades																0
		H-357	MCO Fiber Optic Cabinet Additional Protection																0
		H-XXX	Storm Gates at East Airfield Bypass Canal																0
		V-976	Smart Bathroom Pilot Project																0
		V-XXX	A & B Garages Entrance Canopies Rehabilitation																0
		V-XXX	A & B Garages Exit Canopies Rehabilitation																0
		V-XXX	A & B Side Tunnel Floor Support Replacements																0
		V-XXX	Skylight Frame Painting West Great Hall																0
		V-XXX	Vertical Circulation Core Ceiling Repair A & B Sides																0
		V-XXX	Garage A & B Elevator Window Sealant Rehab																0
		V-XXX	North Terminal Main Computer Room Electrical and HVAC Upgrades (CIR00921)																0
		V-XXX	ORL Colonial Promenade Retail Area 4676 Upgrade																0
		V-XXX	ORL Colonial Promenade Retail Area 4676 Add Alt.																0
		V-XXX	AS 2 Hub Skylight Cable Tentioning																0
		Total			**0**	**66**	**120**	**132**	**126**	**126**	**132**	**132**	**120**	**132**	**132**	**120**			**1338**
T. Burke	Project Manager		Operational Readiness Staff Extension FY24		158	151	144	158	151	151	158	158	144	158	158	144			1833
		Total			**158**	**151**	**144**	**158**	**151**	**151**	**158**	**158**	**144**	**158**	**158**	**144**			**1833**

V. Martinez	Project Manager																				
		Total																			
W. Beltran	Project Manager		Operational Readiness Staff Extension FY24	176	168	160	176	168	168	176	176	160	176	176	160			2040
		Total		**176**	**168**	**160**	**176**	**168**	**168**	**176**	**176**	**160**	**176**	**176**	**160**			**2040**
J. Panzella	Safety Project Manager III		PMO South Terminal Projects **ENDS 2/26**	176	168	160	176	168	168	176	176	160	176	176	160			2040
		Total		**176**	**168**	**160**	**176**	**168**	**168**	**176**	**176**	**160**	**176**	**176**	**160**			**2040**
D. Batdorf	Sr. Inspector	BP-496	Rehabiliation of Taxiway L,N, & Taxiway Connector N1 Through N6 - WSP to let us know the hrs	14	176	74												264
		BP - 497	MCO Taxiways G & H BASE			84	176	168	168	176	176	160	176	176	84			1544
		Total		**14**	**176**	**158**	**176**	**168**	**168**	**176**	**176**	**160**	**176**	**176**	**84**	**0**	**0**	**1808**
N. Aladham	Sr. Inspector I	E-281	AS 4 PA Upgrades															
		BP-S00191	STC Buildout of Tenant Space Program Soft Cost	50	50	40												140
		V-S00982	MCO Campus Key & Lock Replacement Construction Phase	80	80	80	176	168	168	176	176	80						1184
		V-S000TBD	STC Egress Stair Vision Screen	10	10	10	5											35
		E-S0019	Terminal C Exit Signage in Landside and Airside	1	6	5		5										17
		V-S00044	Completion of Unfinished Scope from Project BP-S00187		8	12	15	13	12	3								63
		Total		**141**	**154**	**147**	**196**	**186**	**180**	**179**	**176**	**80**	**0**	**0**	**0**			**1439**
R. Dobbyn	Sr. Inspector I - Civil	H-S00029	Airfield Civil Restart Enabling Work	60	60	79												199
	Sr. Inspector/APM	BP-049	Taxiways A,B, & E4 - Rehabilitation				110	110	120	120	100							560
		Total		**60**	**60**	**79**	**110**	**110**	**120**	**120**	**100**	**0**	**0**	**0**	**0**			**759**
J. McCuddy	Sr. Inspector I - Electrical		PMO South Terminal Projects **ENDS 12/25**: Working with Brian Powers	96	88	10												194
		V980	CCTV R &R Phase 1 - Landside Terminal A&B (D/B) (DCP)															0
		V980	CCTV R &R Phase 1 - Landside Terminal A&B (D/B) (Construction)															0
		E-S00014	Terminal C Replacement of Departures Bridge & Ground Transportation LED Strip Lights	5														5
		V-S0033	Terminal C, CBP and TSA Regulatory Changes (D/B)	0	0	6	16	16	40	40	38							156
		W-00490	MCO CR Program Oversight Services	120	160	160	160	160										760
		Total		**221**	**248**	**176**	**176**	**176**	**40**	**40**	**38**	**0**	**0**	**0**	**0**	**0**	**0**	**1115**
M. Penoyar	Sr. Elect/Mech Insp.		PMO South Terminal Projects ENDS **12/25**	176	168	160	176	168	168	176	176	160	176	176	160	0	0	2040
		Total		**176**	**168**	**160**	**176**	**168**	**168**	**176**	**176**	**160**	**176**	**176**	**160**	**0**	**0**	**2040**
John (Mike) Danner	Sr. Inspector I - Mechanical	BP-S00199	Train Station Passenger Drop-Off Lobby Parking Lot D/B	160	160	80	20											420
			PMO South Terminal Projects - **END 12/25**						168	176	176	160	176	176	160			1192
		H-00361	JFB (Loop Road) Terminal Entrance Reconfiguration D/B				120	160	120	160	160	44						764
		Total		**160**	**160**	**80**	**140**	**160**	**288**	**336**	**336**	**204**	**176**	**176**	**160**	0	0	**2376**
Brain Powers	Sr. Inspector	**V980**	**CCTV R &R Phase 1 - Landside Terminal A&B (D/B)**															
			PMO South Terminal Projects **ENDS 12/25**/ Working with Jimmy McCuddy	80	88	150	176	168	168	176	176	160	176	176	160			1854
		Total		**80**	**88**	**150**	**176**	**168**	**168**	**176**	**176**	**160**	**176**	**176**	**160**			**1854**
Bunker Hill	Estimator		PMO South Terminal Projects ENDS **3/26**	176	168	160	176	168	168	176	176	160	176	176	160	0	0	2040
		Total		**176**	**168**	**160**	**176**	**168**	**168**	**176**	**176**	**160**	**176**	**176**	**160**	**0**	**0**	**2040**

ESTIMATE

Artistic Identity, LLC
923 1st Street
Altamonte Springs, Florida 32701
United States

3212310566
www.artidentity.us

BILL TO
CMI Inc.
Brian Gainous

407-883-5464
brian.gainous@goaa.org

Estimate Number:	38
Estimate Date:	December 4, 2023
Valid Until:	January 3, 2024
Estimate Total (USD):	**$16,380.00**

Services	Hours	Rate	Amount
CA Services Construction Administration Services for the H-0361 Project This estimate is based of the projected project schedule of 6 months at 17.5 hours per month starting in January 2024	105	$156.00	$16,380.00

Subtotal:	$16,380.00
Total:	$16,380.00
Estimate Total (USD):	**$16,380.00**

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Aviation Authority, whichever is later.

Consultant Cost Management Inc. dba CMI

By: 

Print Name: Ganesh Jiawon

Date: 12/11/2023

PRIME CONSULTANT - CMI

H-00361 JFB (Loop Road) B Terminal Entrance Reconfiguration

			2023			2024											
Role	**Staff**	**Firm**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Total Hours**	**Rate**	**Total NTE Fee**
Misc & Tenant Projects O&M																	
Safety Director	Bill White	CMI	-	-	0	10	10	10	10	10	0				50	$ 152.00	$ 7,600.00
Sr. Project Manager	Brian Gainous	CMI	-	-	40	85	130	80	130	130	40				635	$ 181.00	$ 114,935.00
Sr. Inspector	Mike Danner	GCI	-	-	0	120	160	120	160	160	44				764	$ 132.00	$ 100,848.00
Sr. Project Manager	Rob Jarvis	Artistic Identity LLC	-	-	5	20	20	10	20	20	10				105	$ 156.00	$ 16,380.00
Tech Support																	
Technical Support	Priya Basant	CMI	-	-	-	-	-	-	-	-	-	-			0	$ 84.00	$ -
Project Coordinator	Noy Supaswud	GCI	-	-	-	15	15	15	15	15	15	15			105	$ 96.00	$ 10,080.00
TOTAL			**0**	**0**	**45**	**250**	**335**	**235**	**335**	**335**	**109**	**15**	**0**	**0**	**1659**		**$ 249,843.00**

H-00361 JFB (Loop Road) B Terminal Entrance Reconfiguration

Role	Firm	Hourly Rate	Total Hours	Total Fee ($)
Safety Director	CMI	$ 152.00	50	$ 7,600.00
Sr. Project Manager	CMI	$ 181.00	635	$ 114,935.00
Sr. Inspector	GCI	$ 132.00	764	$ 100,848.00
Project Coordinator	GCI	$ 96.00	105	$ 10,080.00
Sr. Project Manager	Artistic Identity LLC	$ 156.00	105	$ 16,380.00
TOTAL FEE			**1659**	**$ 249,843.00**

MWBE/ LDB Participation			
Firm	**Designation (MWBE/LDB)**	**Fee Amount**	**Percentage Participation**
GCI	MBE	$ 110,928.00	44%
Artistic Identity LLC	LDB	$ 16,380.00	7%
TOTAL PARTICIPATION MWBE/ LDB		**$ 127,308.00**	**51%**

Greater Orlando Aviation Authority
CMI Cumulative Project Staffing
Projected Hours by Task for FY2024
OAR STAFFING MANHOURS
01 October 2023 thru' 30 September 2024

Legend:
Proposal submitted for review
Previously approved
Future proposal

Name	Position	Sponsor	Task Description	Total
Bill White	Safety Director	S. Shedek	V-01006, Airside 3 Wing 1 Ramp Level Upgrades	20
Bill White	Safety Director	WSP	W-453, Airside 2 & 4, Safety Oversight	360
Bill White	Safety Director	PSA	E-280, West Airfield Electrical Upgrades	135
Bill White	Safety Director	Lea & Elliot	Specialty APM & Passenger Rail Systems	48
Bill White	Safety Director	S. Shedek	Airport Safety Compliance	644
Bill White	Safety Director	Ardmore	BP-497 Taxiways G and H Rehabilitation, Phase 1	623
Bill White	Safety Director	Ardmore	OEA BP-049 Taxiways A, B and E4 Rehabilitation	96
Bill White	Safety Director	S. Shedek	H-00361 JFB (Loop Road) B Terminal Entrance Reconfiguration	50
Bill White	Safety Director	S. Shedek	Purchasing Building Rehabilitation Project	-
			n/a	-
			n/a	0
			TOTAL	**1976**
Brian Gainous	Sr. Project Manager	S. Shedek	V-01006, Airside 3 Wing 1 Ramp Level Upgrades	135
Brian Gainous	Sr. Project Manager	S. Shedek	Miscellaneous Small Projects	496
Brian Gainous	Sr. Project Manager	S. Shedek	V-995 Replacement of Elevator P58 at Airside 4 (D/B)	40
Brian Gainous	Sr. Project Manager	S. Shedek	EP-00427 Water Intrusion - NTLS-Level 1 B East	10
Brian Gainous	Sr. Project Manager	S. Shedek	V-00976 Smart Restroom Pilot Project	50
Brian Gainous	Sr. Project Manager	S. Shedek	H-00361 JFB (Loop Road) B Terminal Entrance Reconfiguration	635
Brian Gainous	Sr. Project Manager	S. Shedek	Airside 1&3 Restroom and Common Area Upgrades	-
Brian Gainous	Sr. Project Manager	S. Shedek	Purchasing Building Rehabilitation Project	-
			TOTAL	**1366**
Priya Basant	Tech Support	S. Shedek	Airport Safety Compliance	40
Priya Basant	Tech Support	S. Shedek	EP-00427 Water Intrusion - NTLS-Level 1 B East	5
				0
				0
			n/a	0
			TOTAL	**45**

CCM HANDOUT
12/19/2023
Item IV-I
Revised Memo

GREATER ORLANDO AVIAT
Orlando In
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

Memorandum

To: **Members of the Construction Committee**

From: **Scott Shedek, Vice President of Construction**
(Prepared by Colin Paterson)

Date: **December 19, 2023**

Re: **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with The Roderick Group, Inc., dba Ardmore Roderick for Construction Phase Owner's Authorized Representative Services for H-00367 QTA Fence Relocation Terminals A & B, Orlando International Airport**

Consultant's proposal, dated December 1, 2023, is to provide Construction Phase Owner's Authorized Representative (OAR) services for the construction phase of the above referenced project. The scope of our services for the proposed project will consist of providing assistance to the GOAA staff in the areas of construction project management, project control, and contract administration.

If approved, these services would be effective the date of Construction Committee Approval.

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

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

Funding is from CFC (Customer Facility Charges) subject to Construction Finance Oversight Committee approval. Funding source verified by Melvin Martinez of Construction Finance on 12 / 14 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services with The Roderick Group, Inc., dba Ardmore Roderick for the services contained herein and the amount as shown below:

Not to Exceed Fees	$14,291.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	$0.00
TOTAL	**$14,291.00**
AAC – Compliance Review Date	12/13/2023 ZTG
AAC – Funding Eligibility Review Date	12/13/2023

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: **Scott Shedek, Vice President of Construction**
(Prepared by Colin Paterson)

Date: **December 19, 2023**

Re: **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with The Roderick Group, Inc., dba Ardmore Roderick for Construction Phase Owner's Authorized Representative Services for H-00367 QTA Fence Relocation Terminals A & B, Orlando International Airport**

Consultant's proposal, dated December 1, 2023, is to provide Construction Phase Owner's Authorized Representative (OAR) services for the construction phase of the above referenced project. The scope of our services for the proposed project will consist of providing assistance to the GOAA staff in the areas of construction project management, project control, and contract administration.

If approved, these services would be effective the date of Construction Committee Approval.

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

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

Funding is from CFC (Customer Facility Charges) subject to Construction Finance Oversight Committee approval. Funding source verified by _____ of Construction Finance on ___/___/___ as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services with The Roderick Group, Inc., dba Ardmore Roderick for the services contained herein and the amount as shown below:

Not to Exceed Fees	$14,291.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	$0.00
TOTAL	**$14,291.00**
AAC – Compliance Review Date	12/13/2023 ZTG
AAC – Funding Eligibility Review Date	12/13/2023

CC
ITEM IV-I
12/19/2023

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: December 19, 2023

RE: Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with The Roderick Group, Inc., dba Ardmore Roderick for Construction Phase Owner's Authorized Representative Services for H-00367 QTA Fence RelocationTerminals A & B, Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that The Roderick Group, Inc. dba Ardmore Roderick does not propose small business participation on this addendum as the services being provided are for staffing support.

Our analysis indicates that The Roderick Group, Inc. dba Ardmore Roderick is eligible for award of the subject addendum.

Ardmore Roderick

December 1, 2023

Mr. Scott Shedek
Vice President of Construction
GREATER ORLANDO AVIATION AUTHORITY
11314 Terminal C Service Road
Orlando, FL 32824

Subject: **H-367 QTA Fence RelocationTerminals A & B**
Orlando International Airport (MCO)

Dear Mr. Shedek,

Ardmore Roderick is pleased to submit this proposal to provide Construction Phase OAR Project Management services for the above referenced project at the Orlando International Airport. This proposal has been prepared based on our understanding of the requested scope of work attached.

The scope of our services for the proposed project will consist of providing assistance to the GOAA staff in the areas of construction project management, project control, and contract administration.

Our estimated man-hour requirements and applicable unit rates for completion of the project are attached to this proposal. The total contract value is estimated at **$14,291.00**. This amount consists of $14,291.00 for Not to Exceed Fees and $0.00 for Not to Exceed Expenses.

The services for this project will be performed in accordance with the provisions of GOAA's standard agreement for professional services and as indicated in the attached project schedule showing the proposed staffing levels for the duration of the project.

We appreciate the opportunity to present this proposal and we look forward to working with GOAA on this most important project. Should you have any questions or if we may be of further assistance, do not hesitate to contact the undersigned.

Sincerely,

Ardmore Roderick

Colin Paterson, CCM
Sr. Project Manager, Aviation

P: 321.430.6710
F: 773.289.0567
www.ArdmoreRoderick.com

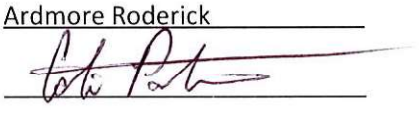
3361 Rouse Road
Suite 140
Orlando, Florida 32817

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Greater Orlando Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within one (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Greater Orlando Aviation Authority, whichever is later.

Consultant: Ardmore Roderick

By: 

Print Name: Colin Paterson, CCM

Date: 12/1/23

Greater Orlando Aviation Authority
Orlando International Airport

QTA Fence Relocation Terminals A & B 12/1/2023
H-00367
OAR Staffing Estimate

Role	Individual	Firm	2023	2024											Total
			Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
Senior Project Manager	Colin Paterson			44	35	2									81
Asst Project Manager	Tony Odendahl					10									10
Total Staff Hours				**44**	**35**	**12**									**91**

Greater Orlando Aviation Authority
Orlando International Airport

QTA Fence Relocation Terminals A & B 12/1/2023
H-00367
OAR Staffing Estimate

Role	Individual	Firm	Hourly Rate	Total Hours	Total Fee
Staffing:					
Senior Project Manager	Colin Paterson		$ 161.00	81	$ 13,041.00
Asst Project Manager	Tony Odendahl		$ 125.00	10	$ 1,250.00
Subtotal				**91**	**$ 14,291.00**
Reimbursable Expenses:					
Subtotal					**$ -**
Total:					**$ 14,291.00**

DBE / MWBE / LDB Participation

Firm	DBE	MWBE	LDB	Fee	% Participation
					0%
					0%
					0%
					0%
					0%
Total:					**0%**

Name	Position	CCM	Project Status	Project #	Description	2023		2024																						2025		Total
						Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
22-034 OAR																																
Colin Paterson	PM		approved	V-00986	AS4 Delta Club Window Replacement-Design	36.3																										36.27
	PM		approved	H-00328	FY23 AS 3 Ramp Slab Rehabilitation			13	20	16	8	14	16																			87
	PM		approved	V-00988	Beachline Warehouse Roof Replacement				57	72	40	82	76																			327
	PM		approved	R-00102	IT Building Roof Replace			12	29	29																						70
	PM		approved	R-00103	West ARFF Roof Replace			11	48	29																						88
	PM		approved	EP-00373	A Side Commercial Curb Canopy Hurricane membrane repair						16	46	42																			104
	PM		approved	V-00997	MCO A-Side Canopy Structural Steel Repair Steel Repair			12	22	30	24	14	26																			128
	PM		approved	R-00104	17L35R Vault Roof Replace									35	38	27	21															121
	PM	10/3	approved	V-01009	Remodel Purchasing Building									59	32	18																109
	PM	10/3	approved	V-00992	Rehabilitation of Structural Steel Commercial Lanes Canopies									74	90	84	89	59	42	44	46	40	46	44	42							700
	SR PM	11/21	approved	V-00992	PTFE evaluation - Amendment 01 to Addendum 11										8																8
	SR PM	10/24	approved	V-01012	Airside1 Wing 4 Ramp Level Restroom Refurbishments										51	35																86
	SR PM	12/5	pending	V-01015	AS3 Wing 3 Bathroom refurbish - OAR Const											17	36	12														65
	SR PM	12/5	pending	V-01013	AS1&3 W2-5 Ramp Level Corr & Stair Refurbish - OAR design											38	4															42
	SR PM	1/9	future	V-01013	AS1&3 W2-5 Ramp Level Corr & Stair Refurbish - OAR Const																											
	SR PM	12/5	pending	V-01014	AS1 Wing 5 Bathroom refurbish - OAR design											38	4															42
	SR PM	1/9	future	V-01014	AS1 Wing 5 Bathroom refurbish - OAR Const																											
	SR PM	12/19	future	H-00367	QTA Fence Relocation Terminals A & B - OAR Const												44	35	2													81
					Total:	36.3		48	176	176	88	156	160	168	219	257	198	106	44	44	46	40	46	44	42							2094.27
Tony Odendahl	Sr Insp		approved	H-00328	FY23 AS 3 Ramp Slab Rehabilitation			30	138	132	126	42																				468
	APM		approved	V-00988	Beachline Warehouse Roof Replacement				38	44	34	142	160	10																		428
	APM		approved	R-00102	IT Building Roof Replace			6																								6
	APM		approved	R-00103	West ARFF Roof Replace			6																								6
	APM		approved	V-00997	MCO A-Side Canopy Structural Steel Repair Steel Repair			6																								6
	Sr Insp		approved	H-00359	Pond Dredging Program FY23				32	88	84	92	24																			320
	APM		approved	R-00104	17L35R Vault Roof Replace									10	10	16	16															52
	APM		approved	V-01009	Remodel Purchasing Building									30	26	14																70
	APM		approved	V-00992	Rehabilitation of Structural Steel Commercial Lanes Canopies									20	58	63	69	59	42	44	46	40	46	44	42							573
	APM		approved	V-01012	Airside1 Wing 4 Ramp Level Restroom Refurbishments										8	4																12
	APM		future	V-XXX	AS3 Wing 3 Bathroom refurbish																											
	SR PM	12/19	future	H-XXX	QTA Fence Relocation Terminals A & B - OAR Const														10													10
	APM		future	V-XXX	AS1 Wing 5 Bathroom refurbish																											
	APM		future	V-XXX	AS3 Wing 2 Bathroom refurbish																											
					Total:			48	208	264	244	276	184	70	102	97	85	59	52	44	46	40	46	44	42							1951
Brittany Davis	APM		approved	H-00328	FY23 AS 3 Ramp Slab Rehabilitation						8	16																				24
	APM		approved	V-00988	Beachline Warehouse Roof Replacement						56	14																				70
	APM		approved	V-00997	MCO A-Side Canopy Structural Steel Repair Steel Repair						8	16																				24
	PM		approved	BP-00497	MCO Taxiways G&H-Phase 1										144	129	146	146	158	154	141	147	184	176	168	150	13					1856
	PM		approved	BP-049	Taxiways ABE4 Rehab											30	52	64	42	51	37	6										282
					Total:						72	46			144	159	198	210	200	205	178	153	184	176	168	150	13					2256
Britt Rittman	APM		approved	BP-049	Taxiways ABE4 Rehab												90	125	106	110	43	8										482
	APM		approved	BP-00497	MCO Taxiways G&H-Phase 1											112	113	87	69	66	129	143	184	176	168	100	13					1360
					Total:											112	203	212	175	176	172	151	184	176	168	100	13					1842
George Rugi	APM		approved	BP-00497	MCO Taxiways G&H-Phase 1												13	160	168	170	178	160	177	176	168	145	9					1524
					Total:												13	160	168	170	178	160	177	176	168	145	9					1524
Total OAR Staff Hours						**36.3**		**96**	**384**	**440**	**404**	**478**	**344**	**238**	**465**	**625**	**697**	**747**	**639**	**639**	**620**	**544**	**637**	**616**	**588**	**395**	**35**					**9667.27**

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: **Scott Shedek, P.E, Vice President of Construction**
(As Prepared by Brian Gainous, Senior Project Manager - CMI)

Date: **December 19, 2023**

Re: **Request for the Approval of an Addendum to the Continuing Program and Project Management Services with Cost Management Inc. dba CMI to provide Construction Phase OAR Services for V-00976 Smart Restroom Pilot Project at Orlando International Airport.**

Consultant's proposal, dated December 05, 2023, is to provide Owners Approved Representative (OAR) Consulting Services. The scope of services will consist of providing construction project management, project control, contract administration and construction coordination in support of V-00976 Smart Restroom Pilot Project at Orlando International Airport.

If approved, these services would be effective date of Construction Committee approval.

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

☒ Experience ☒ Available Personnel ☒ Current Workload

☒ Expertise ☐ Equitable Distribution ☐ Other:_____

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

Funding is from previously Approved Operations & Maintenance funds

301.631.210.5340007.000.000000 . Funding source verified by _____

_____Construction Finance on ___/___/___ as correct and

available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services with Cost Management Inc. dba CMI for the services contained herein and the amount as shown below:

Not to Exceed Fees	$9,050.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	$0.00
TOTAL	**$9,050.00**
AAC – Compliance Review Date	12/12/2023 ZTG
AAC – Funding Eligibility Review Date	12/12/2023

CC
ITEM IV-J
12/19/2023

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: December 19, 2023

RE: Request for the Approval of an Addendum to the Continuing Program and Project Management Services with Cost Management Inc. dba CMI to provide Construction Phase OAR Services for V-00976 Smart Restroom Pilot Project at Orlando International Airport.

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that Cost Management, Inc. dba CMI does not propose small business participation on this addendum as the services being provided are for staffing support.

Our analysis indicates that Cost Management, Inc. dba CMI is eligible for award of the subject addendum.

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

Owner's Representative

Estimating / Scheduling

Value Engineering

Life Cycle Costing

LEED Consulting

Constructability Review

Cashflow Projections

Change Orders

Claims Analysis

Contract Administration

Commissioning

Construction Auditing

Facilities Condition Assessment

Information Technology

Database Development

Program Management Software Modules

158 Terra Mango Loop

Suite B

Orlando, FL 32835

Tel: 407.293.4168

Fax: 407.293.0944

Website: www.cminc.biz

Email: cmi@cminc.biz

December 05, 2023

Mr. Scott Shedek, P.E.
Vice President of Construction
Greater Orlando Aviation Authority
11314 Terminal C Service Road
Orlando, Florida 32824

	CMI No. P-5323
Project: OAR Support for V-00976 Smart Restroom Pilot Project	
CMI Staffing Fee	$9,050.00
Total NTE Fees	$9,050.00
Nine Thousand and Fifty Dollars.	

Dear Mr. Shedek

We hereby submit our fee proposal for Continuing Program and Owner's Approved Representative Services (OAR) on the above-referenced project at Orlando International Airport. Our understanding is that the scope of this project is to provide all labor, equipment, materials to evaluate and implement the use of a system of sensors to monitor certain metrics in terminal restrooms. The sensors will collect data which can be utilized to schedule maintenance and cleaning of the restrooms to improve passenger experience.

SERVICES

Our scope of services for this project will consist of providing support to the GOAA staff with Owner's Approved Representatives (OAR) reporting services as the process may require.

FEE SCHEDULE

Based on the attached OAR Staffing Manhours sheet, our anticipated staffing plan equates to a NTE Fee effective date of Construction Committee approval.

MWBE / LDB PARTICIPATION

CMI actively seeks opportunities to include MWBE and LDB firms in our professional services team. However, our services in support of this project V-00976 Smart Restroom Pilot Project do not allow any opportunities for any small business subconsultant participation. We will continue to look for teaming opportunities with MWBE and LDB firms on other services we offer the Authority.

EXCLUSIONS

This proposal excludes: office space rental; utilities; cost estimating & scheduling and travel outside of the Central Florida area.

PAYMENT

We will invoice in accordance with the terms of your Contract with the Authority.

Sincerely,
CMI

Brian Gainous

Brian Gainous
Senior Project Manager

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Aviation Authority, whichever is later.

Consultant Cost Management Inc. dba CMI

By: _____

Print Name: Ganesh Jiawon

Date: 11/17/2023

PRIME CONSULTANT - CMI

V-00976 Smart Restroom Pilot Project

			2023			2024											
Role	**Staff**	**Firm**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Total Hours**	**Rate**	**Total NTE Fee**
Misc & Tenant Projects O&M																	
Safety Director	Bill White	CMI	0	0	0	0	0	0	0	0	0	0			0	$ 152.00	$ -
Sr. Project Manager	Brian Gainous	CMI	0	0	5	10	10	10	10	5	0	0			50	$ 181.00	$ 9,050.00
Tech Support	Priya Basant	CMI	-	-	-	-	-	-	-	-	-	-			0	$ 84.00	$ -
TOTAL			**0**	**0**	**5**	**10**	**10**	**10**	**10**	**5**	**0**	**0**	**0**	**0**	**50**		**$ 9,050.00**

V-00976 Smart Restroom Pilot Project

Role	Firm	Hourly Rate	Total Hours	Total Fee ($)
Safety Director	CMI	$ 152.00	0	$ -
Brian Gainous	CMI	$ 181.00	50	$ 9,050.00
Technical Support	CMI	$ 84.00	0	$ -
TOTAL FEE			**50**	**$ 9,050.00**

MWBE/ LDB Participation				
Firm		**Designation (MWBE/LDB/DBE)**	**Fee Amount**	**Percentage Participation**
		N/A	$ -	0%

Greater Orlando Aviation Authority
CMI Cumulative Project Staffing
Projected Hours by Task for FY2024
OAR STAFFING MANHOURS
01 October 2023 thru' 30 September 2024

Legend:

Proposal submitted for review
Previously approved
Future proposal

Name	Position	Sponsor	Task Description	Total
Bill White	Safety Director	S. Shedek	V-01006, Airside 3 Wing 1 Ramp Level Upgrades	20
Bill White	Safety Director	WSP	W-453, Airside 2 & 4, Safety Oversight	360
Bill White	Safety Director	PSA	E-280, West Airfield Electrical Upgrades	135
Bill White	Safety Director	Lea & Elliot	Specialty APM & Passenger Rail Systems	48
Bill White	Safety Director	S. Shedek	Airport Safety Compliance	644
Bill White	Safety Director			
Bill White	Safety Director	Ardmore	OEA BP-049 Taxiways A, B and E4 Rehabilitation	96
Bill White	Safety Director	Ardmore	BP-497 Taxiways G and H Rehabilitation, Phase 1	280
Bill White	Safety Director	S. Shedek	H-00361 JFB (Loop Road) B Terminal Entrance Reconfiguration	-
Bill White	Safety Director	S. Shedek	Purchasing Building Rehabilitation Project	-
			n/a	-
			TOTAL	**1583**
Brian Gainous	Sr. Project Manager	S. Shedek	V-01006, Airside 3 Wing 1 Ramp Level Upgrades	135
Brian Gainous	Sr. Project Manager	S. Shedek	Miscellaneous Small Projects	496
Brian Gainous	Sr. Project Manager	S. Shedek	V-995 Replacement of Elevator P58 at Airside 4 (D/B)	40
Brian Gainous	Sr. Project Manager			
Brian Gainous	Sr. Project Manager	S. Shedek	EP-00427 Water Intrusion - NTLS-Level 1 B East	10
		S. Shedek	V-00976 Smart Restroom Pilot Project	50
Brian Gainous	Sr. Project Manager	S. Shedek	H-00361 JFB (Loop Road) B Term Entrance Reconfiguration	680
Brian Gainous	Sr. Project Manager	S. Shedek	Airside 1&3 Restroom and Common Area Upgrades	-
Brian Gainous	Sr. Project Manager	S. Shedek	Purchasing Building Rehabilitation Project	-
			TOTAL	**1411**
Priya Basant	Tech Support	S. Shedek	Airport Safety Compliance	40
Priya Basant	Tech Support			
		S. Shedek	EP-00427 Water Intrusion - NTLS-Level 1 B East	5
			n/a	
			TOTAL	**45**

CCM HANDOUT
12/19/2023
Item IV-K
Revised Entire Item

GREATER ORLANDO AVIATIO

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

Memorandum

To: **Members of the Construction Committee**

From: **Scott Shedek, Vice President of Construction**
(Prepared by Ross Spence, OAR)

Date: **December 19, 2023**

Re: **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. to provide OAR Services for W-S00151 Terminal C Design and Project Oversight Services at the Orlando International Airport**

Consultant's proposal, dated November 28, 2023, is to provide Program Management support services feasibility studies for the Terminal C Enhancements program. This includes but is not limited to, coordination with GOAA Departments, reviews, investigative efforts, meeting coordination, documentation, and reporting on program progress.

If approved, these services would be effective the date of construction committee approval.

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

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

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

Funding is from Line of Credit to be reimbursed by General Aviation Revenue Bonds (GARBs). Funding source verified by Melvin Martinez of Construction Finance on 12 / 18 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	$218,426.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	$0.00
TOTAL	**$218,426.00**
AAC – Compliance Review Date	SJ 12/18/23
AAC – Funding Eligibility Review Date	12/18/23

AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, FL 33607. Phone: 813-636-2425 Fax: 813-287-8591

AECOM

November 28, 2023

Mr. Scott Shedek
Vice President of Construction
GREATER ORLANDO AVIATION AUTHORITY
5850 Cargo Road
Orlando, Florida 32827-4399

Subject: W-S00151 Terminal C Design and Project Oversight
Orlando International Airport

Dear Mr. Shedek:

AECOM is pleased to submit this proposal to provide OAR services for the project defined by the Vice President of Construction at the Orlando International Airport. This proposal has been prepared based on our understanding of the following scope of work: Program Management services to support the Terminal C Enhancements program.

AECOM Technical Services, Inc. hours are proposed for charges incurred for Project Management Services that will include but not be limited to initial feasibility efforts related to coordination with GOAA Departments, GOAA reviews, investigative efforts, meeting coordination, documentation, and reporting on program progress. The efforts are to support the proposed Enhancement projects below:

- Bag claim stainless wraps
- Landside lighting improvements
- LST entrance canopy rain guards
- Elevators/escalators at boarding piers
- BHS hurricane protection
- LST architectural enclosure items

This Task will be an Addendum to AECOM's Continuing Program and Project Management Services, dated July 12, 2022. This work will be billed as a Not-to-Exceed amount of $218,426.00 and will commence on December 19, 2023.

The services for this project will be performed in accordance with the provisions of GOAA's standard agreement for professional services and as indicated in the attached project schedule showing the proposed staffing levels for the duration of the project.

We appreciate the opportunity to present this proposal and we look forward to working with GOAA on these important construction staff services. Should you have any questions or if we may be of further assistance, do not hesitate to contact the undersigned.

Sincerely,

Ross Spence
Vice President
AECOM Technical Services, Inc.

GOAA

Terminal C Enhancements W-S00151

COMPANY	Hourly Rate	Hours	DESCRIPTION AND PERSON'S NAME	START DATE	COMPL. DATE	FORECASTED LABOR
AECOM	$ 286.00	208	Sr. Program Director	12/19/2023	2/28/2024	$ 59,488.00
AECOM	$ 163.00	208	Sr. Construction Manager - Structure	12/19/2023	2/28/2024	$ 33,904.00
JSG	$ 155.00	208	Project Manager - Document control/compliance	12/19/2023	2/28/2024	$ 32,240.00
BCSI	$ 222.00	208	Sr. Construction Manager - Arch/Envelope	12/19/2023	2/28/2024	$ 46,176.00
BCSI	$ 176.00	208	Sr. Electrical Manager	12/19/2023	2/28/2024	$ 36,608.00
C&S	$ 281.00	22	Sr. Principal Planner	12/19/2023	2/28/2024	$ 6,182.00
C&S	$ 174.00	22	Managing Engineer	12/19/2023	2/28/2024	$ 3,828.00
					Subtotal	**$ 218,426.00**

BREEN CONSTRUCTION SERVICES INC.
Quality Building Solutions

PO Box 521987
Longwood, FL 32752
P. (407) 802-6320 F. (407) 712-6799

December 11, 2023

Mr. Ross Spence
Vice President, Program Management Director
AECOM
150 N Orange Avenue, Suite 200
Orlando, FL 32801

RE: **W-S00151 Terminal C Enhancement**
OAR Support Service Proposal

Dear Ross,

Thank you in advance for considering BCSI's Proposal for OAR services associated with Terminal C Enhancement.

We are happy to provide support to the above referenced project starting December 19, 2023 through February 28, 2024

The scope of work will be performed by Thomas Reeder at an approved billing rate of $176 per hour and Matthew Breen at an approved billing rate of $222 for a combine value of $82,784.

Thank you again for considering Breen Construction Services for this assignment. Please call with any questions.

Sincerely,
BREEN CONSTRUCTION SERVICES

Matthew Breen
President

JOINT SERVICES GROUP LLC

2765 Eldred Court
Apopka, FL 32712

407-308-2081
laura.joslyn@jointservicesgroup.com

December 11, 2023

Mr. Ross Spence
Vice President
AECOM TECHNICAL SERVICES, INC.
150 North Orange Avenue, Suite 200
Orlando, FL 32824

RE: W-S00151 Terminal C Enhancement

Dear Mr. Spence:

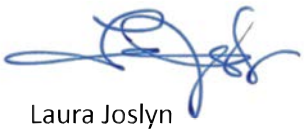
Joint Services Group LLC is pleased to submit this proposal to provide Program Management services for the above referenced project at the Orlando International Airport. This proposal has been prepared based on our understanding of the requested scope of work.

The scope of services will include but are not limited to coordination with GOAA departments, meeting coordination, investigative efforts, documentation, and program reporting. These services will be provided beginning 12/19/2023 through 02/28/2024 by Laura Joslyn, Project Manager at a rate of $155.00 per hour at an estimated 208 hours for a total not to exceed $32,240.00.

We appreciate the opportunity to present this proposal and we look forward to working with AECOM on this important GOAA project. If you should have any questions or require additional assistance, please feel free to contact us.

Sincerely,

JOINT SERVICES GROUP LLC



Laura Joslyn
Owner

December 5, 2023

Mr. Ross Spence
AECOM
11338 Terminal C Service Rd.
Orlando, Florida 32824

Re: STC Passenger Boarding Bridge
Elevator Investigation

File: O71.MKT.PRO

Dear Mr. Spence:

C&S Engineers, Inc. ("Engineer") is pleased to submit this proposal to render engineering services in connection with the STC Passenger Boarding Bridge Elevator Investigation (hereinafter called the "Project").

SCOPE OF WORK:

We understand GOAA requested AECOM to review options for proposed elevator locations in the passenger boarding bridges (PBB) gates 243, 238 & 234. AECOM has requested a proposal from C&S Engineers, Inc. for structural assistance in evaluation of possible elevator locations. The scope of this work would include the following:

1. Review of existing drawings, reports and rigging package.
2. Provide structural assistance and guidance in selecting up to three elevator locations.
3. Attend five virtual meetings.
4. Provide structural description of the existing and proposed structure if required.

Our Not-to exceed fee for the above Scope of Work is **$~~10,000~~** 10,010. We anticipate the following rates and hours:

~~Sr. Principal~~ $281/hr x 22 hrs Sr. Principal Planner
Managing Engineer $174/hr x 22 hrs

The terms and conditions for this proposal are given in Attachment Exhibit "A" Terms and Conditions.

If this proposal is acceptable, please sign and return to our office. This proposal along with the Terms and Conditions will constitute an agreement between us. Your signature shall serve as notice to proceed. We look forward to working with you.

If you have any questions regarding this proposal or require additional information, please do not hesitate to contact me.

Sincerely,

C&S ENGINEERS, INC.



John W. Obleman, P.E.
Sr. Principal Engineer

Accepted this _____ day of
_____, 20___.
By: _____
(Authorized Representative)

Greater Orlando Aviation Authority
AECOM Technical Services, Inc.
Continuing Program and Project Management Services
Projected Hours by Task for FY2024 (October 1, 2023 - September 30, 2024)

Legend:
Proposal submitted for review
Previously approved
Future proposal

Name	Position	Sponsor	Task Description	TOTAL
TBD/Lisa Stoeckert	Project Accountant	Grant	Tenant/Concessions - Project Management Oversight	480
			TOTAL	**480**
Nadege Cadet	Project Coordinator	McKeown	Project Coordinator for Project Controls/PEC Dept.	0
			TOTAL	**0**
Chayla German	Project Coordinator	Dennis	Project Coordinator for Project Controls/CF Dept.	2080
			TOTAL	**2080**
Fransheska Brown	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.	2080
			TOTAL	**2080**
Lisa Stoeckert	Project Accountant	McKeown	Project Accountant for Project Controls/PC Dept.	192
			TOTAL	**192**
Lisa Stoeckert	Project Accountant	Dennis	Project Accountant for Construction Finance/CF Dept.	96
			TOTAL	**96**
Lisa Stoeckert	Project Accountant	Shedek	Project Accountant for E-S00015	16
			TOTAL	**16**
Pankaj Gupta	Sr. Project Manager	Shedek	Sr. Project Manager for E-S0015	80
			TOTAL	**80**
Lisa Stoeckert	Project Coordinator II	Shedek	Project Coordinator for H-S00029 Airfield Civil Restart Project	100
			TOTAL	**100**
Lisa Stoeckert	Project Management Assista	Taylor	Specialty Systems Staffing	75
			TOTAL	**75**
Ross Spence	Sr. Program Director	Shedek	Terminal C Day 2 Closeout	390
			TOTAL	**390**
Ross Spence	Sr. Program Director	Shedek	W-S00151 Terminal C Enhancements	208
			TOTAL	**208**
Steve Fuller	Sr. Construction Manager	Shedek	W-S00151 Terminal C Enhancements	208
			TOTAL	**208**
Ross Spence	Sr. Program Director	Furr	W-00497 North Terminal Refresh	240
			TOTAL	**240**
Steve Fuller	Sr. Construction Manager	Furr	W-00497 North Terminal Refresh	120
			TOTAL	**120**
Lisa Stoeckert	Project Coordinator III	Furr	W-00497 North Terminal Refresh	120
			TOTAL	**120**
Ross Spence	Sr. Program Director	Marble	W-S00211 Terminal C Phase 2 Support	60
			TOTAL	**60**

Greater Orlando Aviation Authority

AECOM Technical Services, Inc.

Projected Hours by Task for FY2024 (October 1, 2023 - September 30, 2024)

Name	Position	Sponsor	Task Description	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	TOTAL
TBD/Lisa Stoeckert	Project Accountant	Grant	Tenant/Concessions - Project Management Oversight	40	40	40	40	40	40	40	40	40	40	40	40	480
			Total	40	40	40	40	40	40	40	40	40	40	40	40	480
Nadege Cadet	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.													0
			Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Chayla German	Project Coordinator	Dennis	Project Coordinator for Project Controls/CF Dept.	176	176	176	176	168	176	176	176	160	176	176	168	2080
			Total	176	176	176	176	168	176	176	176	160	176	176	168	2080
Fransheska Brown	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.	176	176	176	176	168	176	176	176	160	176	176	168	2080
			Total	176	176	176	176	168	176	176	176	160	176	176	168	2080
Lisa Stoeckert	Project Accountant	McKeown	Project Accountant for Project Controls/PC Dept.	16	16	16	16	16	16	16	16	16	16	16	16	192
			Total	16	16	16	16	16	16	16	16	16	16	16	16	192
Lisa Stoeckert	Project Accountant	Dennis	Project Accountant for Construction Finance/CF Dept.	8	8	8	8	8	8	8	8	8	8	8	8	96
			Total	8	8	8	8	8	8	8	8	8	8	8	8	96
Lisa Stoeckert	Project Accountant	Shedek	Project Accountant for E-S00015	2	2	2	2	1	1	1	1	1	1	1	1	16
			Total	2	2	2	2	1	1	1	1	1	1	1	1	16
Pankaj Gupta	Sr. Project Manager	Shedek	Sr. Project Manager for E-S0015	80												80
			Total	80	0	0	0	0	0	0	0	0	0	0	0	80
Lisa Stoeckert	Project Coordinator II	Shedek	Project Coordinator for H-S00029 Airfield Civil Restart Project	40	40	20										100
				40	40	20	0	0	0	0	0	0	0	0	0	100
Lisa Stoeckert	Project Management Assistant	Taylor	Specialty Systems Staffing	6	6	6	6	6	6	6	6	6	6	6	9	75
				6	6	6	6	6	6	6	6	6	6	6	9	75
Ross Spence	Sr. Program Director	Shedek	Terminal C Day 2 Closeout	130	130	130										390
				130	130	130	0	0	0	0	0	0	0	0	0	390
Ross Spence	Sr. Program Director	Shedek	W-S00151 Terminal C Enhancements			36	92	80								208
				0	0	36	92	80	0	0	0	0	0	0	0	208
Steve Fuller	Sr. Construction Manager	Shedek	W-S00151 Terminal C Enhancements			36	92	80								208
				0	0	36	92	80	0	0	0	0	0	0	0	208
Ross Spence	Sr. Program Director	Furr	W-00497 North Terminal Refresh			0	80	64	96							240
				0	0	0	80	64	96	0	0	0	0	0	0	240
Steve Fuller	Sr. Construction Manager	Furr	W-00497 North Terminal Refresh			16	40	32	32							120
				0	0	16	40	32	32	0	0	0	0	0	0	120
Lisa Stoeckert	Project Coordinator III	Furr	W-00497 North Terminal Refresh			16	40	32	32							120
				0	0	16	40	32	32	0	0	0	0	0	0	120
Ross Spence	Sr. Program Director	Marble	W-S00211 Terminal C Phase 2 Support			0	12	12	12	12	12					60
				0	0	0	12	12	12	12	12	0	0	0	0	60

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Aviation Authority, whichever is later.

Consultant: AECOM Technical Services Inc.

By:_____

Print Name: Ross Spence

Date: November 28, 2023

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: **Scott Shedek, Vice President of Construction**
(Prepared by Ross Spence, OAR)

Date: **December 19, 2023**

Re: **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. to provide additional OAR Services for W-S00151 Terminal C Design and Project Oversight Services at the Orlando International Airport**

Consultant's proposal, dated November 28, 2023, is to provide Program Management support services feasibility studies for the Terminal C Enhancements program. This includes but is not limited to, coordination with GOAA Departments, reviews, investigative efforts, meeting coordination, documentation, and reporting on program progress.

If approved, these services would be effective the date of construction committee approval.

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

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

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

Funding is from Line of Credit to be reimbursed by General Aviation Revenue Bonds (GARBs). Funding source verified by _____ of Construction Finance on ___/___/___ as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	$220,714.00
Lump Sum Fees	$0.00
Not to Exceed Expenses	$0.00
TOTAL	**$220,714.00**
AAC – Compliance Review Date	
AAC – Funding Eligibility Review Date	

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: December 19, 2023

RE: Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. to provide additional OAR Services for W-S00151 Terminal C Design and Project Oversight Services at the Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that AECOM Technical Services, Inc. proposes 15% MWBE participation on this addendum.

Our analysis indicates that AECOM Technical Services, Inc. is eligible for award of the subject addendum.

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

MWBE UTILIZATION FORM FOR NON-FEDERALLY FUNDED PROJECTS
PLEASE COMPLETE THIS FORM

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

Name of Airport: **Orlando International Airport** Telephone No: **(407) 825-7179**

Address: **One Jeff Fuqua Boulevard, Orlando, FL 32827**

Project Name & Number: **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. to provide additional OAR Services for W-S00151 Terminal C Design and Project Oversight Services at the Orlando International Airport**

1. Construction Information:

Addendum Amount:

2. MWBE Goal by Group Representation:

Asian Pacific American		Actual Result	
Asian Subcontinent American		Actual Result	
Black American		Actual Result	
Caucasian Female American		Actual Result	
Hispanic American		Actual Result	
Native American		Actual Result	
Other		Actual Result	
Total MWBE Participation	-	**Actual Result**	

3.a. Prime Contractor Information:

Name:
Address:
City, State, Zip:
Telephone:

3.b. Name and Address of MWBE Subcontractor

Name:
Address:
City, State, Zip:
Telephone:

3.c. *Identity:
Work Item(s):
Amount of Subcontract
Percent of Prime Contract (%):

4. Engineering/Professional Services Information:

Addendum Amount: **$220,714.00**

5. MWBE Goal by Group Representation:

Asian Pacific American	-	Actual Result	0%
Asian Subcontinent American	-	Actual Result	0%
Black American	-	Actual Result	0%
Caucasian Female American	32,240.00	Actual Result	15%
Hispanic American	-	Actual Result	0%
Native American	-	Actual Result	0%
Other		Actual Result	0%
Total MWBE Participation	**32,240.00**	**Actual Result**	**15%**

6.b. Engineering / Professional Service Firm Information:

Name: **AECOM Technical Services, Inc.**
Address: **7650 West Courtney Campbell Causeway**
City, State, Zip: **Tampa, FL 33607**
Telephone: **813-636-2425**

6.b. Name and Address of MWBE Subconsultant

Name: **Joint Services Group, LLC**
Address: 2765 Eldred Ct
City, State, Zip: Apopka, FL 32712
Telephone: 407-308-2081

6.c. *Identity: Caucasian Female American
Work Item(s): Document control/compliance
Amount of Subcontract $32,240.00
Percent of Prime Contract (%): 15%

*** In Items 3.c. and 6.c. above specify the identity of MWBE Subcontractors and E/PS Firms (e.g. Black American, Hispanic American, Asian Subcontinent American, Asian Pacific American, Caucasian Female American, Native American & Other)**

AECOM Technical Services, Inc.
7650 West Courtney Campbell Causeway
Tampa, FL 33607. Phone: 813-636-2425 Fax: 813-287-8591

AECOM

November 28, 2023

Mr. Scott Shedek
Vice President of Construction
GREATER ORLANDO AVIATION AUTHORITY
5850 Cargo Road
Orlando, Florida 32827-4399

Subject: W-S00151 Terminal C Design and Project Oversight
Orlando International Airport

Dear Mr. Shedek:

AECOM is pleased to submit this proposal to provide OAR services for the project defined by the Vice President of Construction at the Orlando International Airport. This proposal has been prepared based on our understanding of the following scope of work: Program Management services to support the Terminal C Enhancements program.

AECOM Technical Services, Inc. hours are proposed for charges incurred for Project Management Services that will include but not be limited to initial feasibility efforts related to coordination with GOAA Departments, GOAA reviews, investigative efforts, meeting coordination, documentation, and reporting on program progress. The efforts are to support the proposed Enhancement projects below:

- Bag claim stainless wraps
- Landside lighting improvements
- LST entrance canopy rain guards
- Elevators/escalators at boarding piers
- BHS hurricane protection
- LST architectural enclosure items

This Task will be an Addendum to AECOM's Continuing Program and Project Management Services, dated July 12, 2022. This work will be billed as a Not-to-Exceed amount of $220,714.00 and will commence on December 19, 2023.

The services for this project will be performed in accordance with the provisions of GOAA's standard agreement for professional services and as indicated in the attached project schedule showing the proposed staffing levels for the duration of the project.

We appreciate the opportunity to present this proposal and we look forward to working with GOAA on these important construction staff services. Should you have any questions or if we may be of further assistance, do not hesitate to contact the undersigned.

Sincerely,

Ross Spence
Vice President
AECOM Technical Services, Inc.

GOAA

Terminal C Enhancements W-S00151

COMPANY	Hourly Rate	Hours	DESCRIPTION AND PERSON'S NAME	START DATE	COMPL. DATE	FORECASTED LABOR
AECOM	$ 297.00	208	Sr. Program Director	12/19/2023	2/28/2024	$ 61,776.00
AECOM	$ 163.00	208	Sr. Construction Manager - Structure	12/19/2023	2/28/2024	$ 33,904.00
JSG	$ 155.00	208	Project Manager - Document control/compliance	12/19/2023	2/28/2024	$ 32,240.00
BCSI	$ 222.00	208	Sr. Construction Manager - Arch/Envelope	12/19/2023	2/28/2024	$ 46,176.00
BCSI	$ 176.00	208	Sr. Electrical Manager	12/19/2023	2/28/2024	$ 36,608.00
C&S	$ 281.00	22	Sr. Principal Planner	12/19/2023	2/28/2024	$ 6,182.00
C&S	$ 174.00	22	Managing Engineer	12/19/2023	2/28/2024	$ 3,828.00
					Subtotal	**$ 220,714.00**

BREEN CONSTRUCTION SERVICES INC.
Quality Building Solutions

PO Box 521987
Longwood, FL 32752
P. (407) 802-6320 F. (407) 712-6799

December 11, 2023

Mr. Ross Spence
Vice President, Program Management Director
AECOM
150 N Orange Avenue, Suite 200
Orlando, FL 32801

RE: **W-S00151 Terminal C Enhancement**
OAR Support Service Proposal

Dear Ross,

Thank you in advance for considering BCSI's Proposal for OAR services associated with Terminal C Enhancement.

We are happy to provide support to the above referenced project starting December 19, 2023 through February 28, 2024

The scope of work will be performed by Thomas Reeder at an approved billing rate of $176 per hour and Matthew Breen at an approved billing rate of $222 for a combine value of $82,784.

Thank you again for considering Breen Construction Services for this assignment. Please call with any questions.

Sincerely,
BREEN CONSTRUCTION SERVICES

Matthew Breen
President

JOINT SERVICES GROUP LLC

2765 Eldred Court
Apopka, FL 32712

407-308-2081
laura.joslyn@jointservicesgroup.com

December 11, 2023

Mr. Ross Spence
Vice President
AECOM TECHNICAL SERVICES, INC.
150 North Orange Avenue, Suite 200
Orlando, FL 32824

RE: W-S00151 Terminal C Enhancement

Dear Mr. Spence:

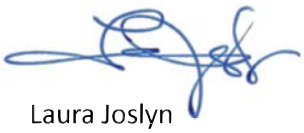
Joint Services Group LLC is pleased to submit this proposal to provide Program Management services for the above referenced project at the Orlando International Airport. This proposal has been prepared based on our understanding of the requested scope of work.

The scope of services will include but are not limited to coordination with GOAA departments, meeting coordination, investigative efforts, documentation, and program reporting. These services will be provided beginning 12/19/2023 through 02/28/2024 by Laura Joslyn, Project Manager at a rate of $155.00 per hour at an estimated 208 hours for a total not to exceed $32,240.00.

We appreciate the opportunity to present this proposal and we look forward to working with AECOM on this important GOAA project. If you should have any questions or require additional assistance, please feel free to contact us.

Sincerely,

JOINT SERVICES GROUP LLC



Laura Joslyn
Owner

December 5, 2023

Mr. Ross Spence
AECOM
11338 Terminal C Service Rd.
Orlando, Florida 32824

Re: STC Passenger Boarding Bridge
Elevator Investigation

File: O71.MKT.PRO

Dear Mr. Spence:

C&S Engineers, Inc. ("Engineer") is pleased to submit this proposal to render engineering services in connection with the STC Passenger Boarding Bridge Elevator Investigation (hereinafter called the "Project").

SCOPE OF WORK:

We understand GOAA requested AECOM to review options for proposed elevator locations in the passenger boarding bridges (PBB) gates 243, 238 & 234. AECOM has requested a proposal from C&S Engineers, Inc. for structural assistance in evaluation of possible elevator locations. The scope of this work would include the following:

1. Review of existing drawings, reports and rigging package.
2. Provide structural assistance and guidance in selecting up to three elevator locations.
3. Attend five virtual meetings.
4. Provide structural description of the existing and proposed structure if required.

Our Not-to exceed fee for the above Scope of Work is **$~~10,000~~** 10,010. We anticipate the following rates and hours:

~~Sr. Principal~~ $281/hr x 22 hrs Sr. Principal Planner
Managing Engineer $174/hr x 22 hrs

The terms and conditions for this proposal are given in Attachment Exhibit "A" Terms and Conditions.

If this proposal is acceptable, please sign and return to our office. This proposal along with the Terms and Conditions will constitute an agreement between us. Your signature shall serve as notice to proceed. We look forward to working with you.

If you have any questions regarding this proposal or require additional information, please do not hesitate to contact me.

Sincerely,

C&S ENGINEERS, INC.



John W. Obleman, P.E.
Sr. Principal Engineer

Accepted this _____ day of
_____, 20___.
By: _____
(Authorized Representative)

Greater Orlando Aviation Authority
AECOM Technical Services, Inc.
Continuing Program and Project Management Services
Projected Hours by Task for FY2024 (October 1, 2023 - September 30, 2024)

Legend:
Proposal submitted for review
Previously approved
Future proposal

Name	Position	Sponsor	Task Description	TOTAL
TBD/Lisa Stoeckert	Project Accountant	Grant	Tenant/Concessions - Project Management Oversight	480
			TOTAL	**480**
Nadege Cadet	Project Coordinator	McKeown	Project Coordinator for Project Controls/PEC Dept.	0
			TOTAL	**0**
Chayla German	Project Coordinator	Dennis	Project Coordinator for Project Controls/CF Dept.	2080
			TOTAL	**2080**
Fransheska Brown	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.	2080
			TOTAL	**2080**
Lisa Stoeckert	Project Accountant	McKeown	Project Accountant for Project Controls/PC Dept.	192
			TOTAL	**192**
Lisa Stoeckert	Project Accountant	Dennis	Project Accountant for Construction Finance/CF Dept.	96
			TOTAL	**96**
Lisa Stoeckert	Project Accountant	Shedek	Project Accountant for E-S00015	16
			TOTAL	**16**
Pankaj Gupta	Sr. Project Manager	Shedek	Sr. Project Manager for E-S0015	80
			TOTAL	**80**
Lisa Stoeckert	Project Coordinator II	Shedek	Project Coordinator for H-S00029 Airfield Civil Restart Project	100
			TOTAL	**100**
Lisa Stoeckert	Project Management Assista	Taylor	Specialty Systems Staffing	75
			TOTAL	**75**
Ross Spence	Sr. Program Director	Shedek	Terminal C Day 2 Closeout	390
			TOTAL	**390**
Ross Spence	Sr. Program Director	Shedek	W-S00151 Terminal C Enhancements	208
			TOTAL	**208**
Steve Fuller	Sr. Construction Manager	Shedek	W-S00151 Terminal C Enhancements	208
			TOTAL	**208**
Ross Spence	Sr. Program Director	Furr	W-00497 North Terminal Refresh	240
			TOTAL	**240**
Steve Fuller	Sr. Construction Manager	Furr	W-00497 North Terminal Refresh	120
			TOTAL	**120**
Lisa Stoeckert	Project Coordinator II	Furr	W-00497 North Terminal Refresh	120
			TOTAL	**120**
Ross Spence	Sr. Program Director	Marble	W-S00211 Terminal C Phase 2 Support	60
			TOTAL	**60**

Greater Orlando Aviation Authority

AECOM Technical Services, Inc.

Projected Hours by Task for FY2024 (October 1, 2023 - September 30, 2024)

Name	Position	Sponsor	Task Description	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	TOTAL
TBD/Lisa Stoeckert	Project Accountant	Grant	Tenant/Concessions - Project Management Oversight	40	40	40	40	40	40	40	40	40	40	40	40	480
			Total	40	40	40	40	40	40	40	40	40	40	40	40	480
Nadege Cadet	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.													0
			Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Chayla German	Project Coordinator	Dennis	Project Coordinator for Project Controls/CF Dept.	176	176	176	176	168	176	176	176	160	176	176	168	2080
			Total	176	176	176	176	168	176	176	176	160	176	176	168	2080
Fransheska Brown	Project Coordinator	McKeown	Project Coordinator for Project Controls/PC Dept.	176	176	176	176	168	176	176	176	160	176	176	168	2080
			Total	176	176	176	176	168	176	176	176	160	176	176	168	2080
Lisa Stoeckert	Project Accountant	McKeown	Project Accountant for Project Controls/PC Dept.	16	16	16	16	16	16	16	16	16	16	16	16	192
			Total	16	16	16	16	16	16	16	16	16	16	16	16	192
Lisa Stoeckert	Project Accountant	Dennis	Project Accountant for Construction Finance/CF Dept.	8	8	8	8	8	8	8	8	8	8	8	8	96
			Total	8	8	8	8	8	8	8	8	8	8	8	8	96
Lisa Stoeckert	Project Accountant	Shedek	Project Accountant for E-S00015	2	2	2	2	1	1	1	1	1	1	1	1	16
			Total	2	2	2	2	1	1	1	1	1	1	1	1	16
Pankaj Gupta	Sr. Project Manager	Shedek	Sr. Project Manager for E-S0015	80												80
			Total	80	0	0	0	0	0	0	0	0	0	0	0	80
Lisa Stoeckert	Project Coordinator II	Shedek	Project Coordinator for H-S00029 Airfield Civil Restart Project	40	40	20										100
				40	40	20	0	0	0	0	0	0	0	0	0	100
Lisa Stoeckert	Project Management Assistant	Taylor	Specialty Systems Staffing	6	6	6	6	6	6	6	6	6	6	6	9	75
				6	6	6	6	6	6	6	6	6	6	6	9	75
Ross Spence	Sr. Program Director	Shedek	Terminal C Day 2 Closeout	130	130	130										390
				130	130	130	0	0	0	0	0	0	0	0	0	390
Ross Spence	Sr. Program Director	Shedek	W-S00151 Terminal C Enhancements			36	92	80								208
				0	0	36	92	80	0	0	0	0	0	0	0	208
Steve Fuller	Sr. Construction Manager	Shedek	W-S00151 Terminal C Enhancements			36	92	80								208
				0	0	36	92	80	0	0	0	0	0	0	0	208
Ross Spence	Sr. Program Director	Furr	W-00497 North Terminal Refresh			0	80	64	96							240
				0	0	0	80	64	96	0	0	0	0	0	0	240
Steve Fuller	Sr. Construction Manager	Furr	W-00497 North Terminal Refresh			16	40	32	32							120
				0	0	16	40	32	32	0	0	0	0	0	0	120
Lisa Stoeckert	Project Coordinator II	Furr	W-00497 North Terminal Refresh			16	40	32	32							120
				0	0	16	40	32	32	0	0	0	0	0	0	120
Ross Spence	Sr. Program Director	Marble	W-S00211 Terminal C Phase 2 Support			0	12	12	12	12	12					60
				0	0	0	12	12	12	12	12	0	0	0	0	60

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Aviation Authority, whichever is later.

Consultant: AECOM Technical Services Inc.

By:_____

Print Name: Ross Spence

Date: November 28, 2023

GREATER ORLANDO AVIATION AUTHORITY
Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399
(407) 825-2001

MEMORANDUM

TO: **Members of the Construction Committee**

FROM: **Scott Shedek**
Vice President of Construction

DATE: **December 19, 2023**

RE: **CONTRACTOR FINAL PAYMENT AUTHORIZATION**
BP-S00188 S Term C, Ph 1 – PBB and Affiliated Equipment Installation

CONTRACTOR: JSM & Associates, LLC

The **Construction Contract** for referenced project has been completed and all issues involving the Contractor have been addressed and resolved. Attached is a copy of the current overall project status.

It is respectfully requested that the Construction Committee authorize final payment to **JSM & Associates, Inc.** for **BP-S00188, S Term C, Ph 1 – PBB and Affiliated Equipment Installation.**

SS:kc

Attachment

CC
ITEM IV-L
12/19/2023

1. SCOPE: Installed twenty-two (22) PBBs and affiliated equipment for use at the South Terminal C Phase 1 that was under construction at the Orlando International Airport. "Affiliated equipment" included, at a minimum, Air Handler Units, Ground Power Units, Potable Water Cabinets and PBB Belt Loaders.

2. SCHEDULE:

Notice to Proceed		04/14/21
Original Contract Completion	220 Days	11/19/21
Time Extensions Approved	0 Days	
Time Suspensions Approved	0 Days	
Revised Contract Completion	220 Days	**11/19/21**
Contract Required Milestone ▪ No milestones established for this project		N/A
Partial Occupancy / Use Agreement ▪ None issued		N/A
Certificate of Occupancy / Agency Sign Off ▪ No permits issued		N/A
Actual Substantial Completion *		**04/29/22**
Contractually Required Final Completion	60 Days	06/28/22
Actual Final Completion *		07/19/23
Final Inspection w/FAA/FDOT (If Required)		N/A

***Comments:** Substantial Completion was achieved 161 calendar days late primarily due to ongoing base building and airfield paving completion activities on the overall South Terminal C program. The Aviation Authority did not incur any added costs because of this late completion. A Late Completion Analysis/Recommendation was signed off and recommended that the Liquidated Damages be waived. The Contract Documents define Liquidated Damages for late Substantial Completion as $2,200.00/Day.

Final Completion was achieved 386 calendar days late. The processing of the final change orders and the late submission of the closeout documents delayed closeout of the project. The Aviation Authority had beneficial occupancy and full use of the project facilities at Substantial Completion with no resulting impacts on operations. The Aviation Authority did not incur any added costs because of this late completion. A Late Completion Analysis/Recommendation was signed off and recommended that the Liquidated Damages be waived. The Contract Documents define Liquidated Damages for late Final Completion as $500.00/Day.

3. TEAM:

A. DESIGNER: N/A

B. CONTRACTOR: JSM & Associates, LLC
Performance - Construction Phase = Good
Performance - Close-Out Phase = Good
(Project Manager: Marty Wells)

Subcontractor	Minority (Y/N)	Minority Type	Minority % of Work	Contractor's Performance Evaluation
Elite Terminal Services, LLC	N			Good
Fern Insulators	N			Good
JRS Industrial, LLC	Y	LDB / VBE	2.6%	Good
Kiewit Infrastructure South Co.	N			Good
Power Engineering Group, Inc.	Y	MWBE	17.7%	Good
Sims Crane & Equipment	N			Good
United Rentals	N			Good

(Performance Ratings: Good, Fair, Poor)

Work Performed by LDB Minority Subcontractors:	2.6%
Work Performed by MWBE Minority Subcontractors: **	17.7%
Work Performed by SDVOBE Minority Subcontractors:	0.0%
Work Performed by DBE Minority Subcontractors:	0.0%
Total Work Performed by Minority Subcontractors:	**20.3%**
Work Performed by Minority Prime Contractor:	**0.0%**
Proposed LDB Participation at Award	*2.4%*
Proposed MWBE Participation at Award	*20.9%*
Proposed SDVOBE Participation at Award	*0.0%*
Proposed DBE Participation at Award	*0.0%*
Total Proposed Minority Subcontractors:	***23.3%***

****Comments:** The above 2.6% LDB and 17.7% MWBE for **work performed** are based on the final total contract price of $2,505,269.53, which includes $560,500.53 in Change Orders. When based on the original contract price of $1,944,769.00, the percentages for work performed are 3.4% LDB and 22.8% MWBE, which exceed proposed.

C. **OWNER'S AUTHORIZED REPRESENTATIVE:** Geotech Consultants International, Inc. (GCI) (Representative: John Scala, Program Manager) and AECOM Technical Services, Inc. (Representative: Ross Spence, Program Manager)

Performance - Construction Phase = Good (GCI)
Performance - Close-Out Phase = Fair (AECOM)

D. **TESTING LABORATORY:** N/A

E. **GOAA ENGINEERING SENIOR PROJECT MANAGER:** Scott Shedek

F. **GOAA CONSTRUCTION SENIOR PROJECT MANAGER:** N/A

G. **GOAA SPONSOR:** Engineering & Construction

H. **DISPUTE REVIEW BOARD (DRB) MEMBERS:** N/A

4. CONSTRUCTION COST SUMMARY: (Oracle PO No. 1006729)

Funding Source(s): General Account Revenue Bonds (GARBS)
Passenger Facility Charges (PFC's)

Original Construction Contract	$	1,944,769.00		
Change Orders (4 issued)	$	560,500.53	28.82%	Increase
Final Construction Contract	$	2,505,269.53		

Breakdown of Change Orders

Owner-Requested (additional scope)	$	560,500.53	28.82%	Increase
Unforeseen Conditions	$	0.00		
A/E Errors & Omissions	$	0.00		
Other	$	0.00		
Total Amount of Change Orders	$	560,500.53	28.82%	Increase
*Total DBE/MWBE/LDB **Subcontractor** Participation **	*$*	*509,576.51*	*20.3% / 22.8%*	
*Total DBE/MWBE/LDB **Contractor** Participation*	*$*	*0.00*		
***Total** DBE/MWBE/LDB Participation*	*$*	*509,576.51*	*20.3% / 22.8%*	

***Comments:** The above 20.3% combined MBE / LDB for work performed is based on the final total contract price of $2,505,269.53, which includes $560,500.53 in Change Orders. When based on the original contract price of $1,944,769.00, the combined total is 26.2%.

5. OWNER FURNISHED MATERIAL SUMMARY: N/A

6. CONSTRUCTION CLAIMS: N/A

7. PROBLEM AREAS TO BE CONSIDERED ON FUTURE PROJECTS: N/A

8. LEED CERTIFICATIONS: N/A

9. ATTIC STOCK RECEIVED: Per the specifications, there is no attic stock required for this project.

10. CLOSEOUT DOCUMENTS:

    1) Late Completion Analysis / Recommendation Letter [Form 013C] (If Required)
    2) Change Order/GMP Amendment Summary
    3) ~~Subcontractor Modification Summary (GMP's only)~~
    4) Summary of Disbursements
    5) Project and DBE/MWBE Payment Summary Reports
    6) ~~Construction Department Receipt/Acceptance of Record Drawings [Form 011]~~
    7) ~~Construction Department Receipt/Acceptance of Asbuilt Drawings [Form 011A]~~
    8) ~~Copy of Transmittal to Maintenance Department for O&M Manuals~~
    9) ~~Parking Permit Office Release [Form 001]~~
    10) ~~Badge & I.D. Office Release [Form 002]~~
    11) ~~Key Shop Release [Form 003]~~
    12) ~~Environmental Group Letter of Concurrence for Closeout (If Required)~~
    13) Certificate(s) of Substantial Completion (w/Substantial Completion Acceptance Form)
    14) ~~GMP Milestone Completion or Partial Occupancy/Use Agreements (If Required)~~
    15) ~~Certificate(s) of Occupancy / Agency Sign Off~~
    16) Current Certificate of Insurance
    17) Consent of Surety to Final Payment [w/Power of Attorney] (Standard AIA Form)
    18) Final Release Form from General Contractor (as Provided in the Contract Documents)
    19) Final Release Forms from Subcontractors/Suppliers (as required)
    20) Warranties

~~21) Commissioning Check-Out Form (if applicable)~~
~~22) Proof of Training Sessions / Start-up (if applicable)~~
~~23) LEED Sign-Off (if applicable)~~
~~24) Attic Stock Receipt Forms (if applicable)~~
25) Project Contact List
26) Final Payment Application

Ross Spence, Program Manager
AECOM Technical Services, Inc.
(OAR)

Scott Shedek
Vice President of Construction

SS:kc

Attachments

Information Items

INFORMATION ITEM
SUPPLEMENTAL INFORMATION

Project Controls
Field Change Order (FCO) Tracking Log

Project	FCO No.	Amount	FCO Date	CCM Date FCO Converted to
BP-S00193	18	$ 35,836.26	19-May-23	Open
BP-S00195	04	$ 50,000.00	5-Jun-23	Open
BP-S00195	06	$ 2,500.00	11-Jul-23	Open
BP-S00195	07	$ 37,800.00	14-Jul-23	Open
BP-S00195	08	$ 10,000.00	17-Aug-23	Open
BP-S00195	10	$ 35,000.00	5-Sep-23	Open
BP-S00195	11	$ 20,000.00	5-Sep-23	Open
BP-S00195	12	$ 49,000.00	4-Dec-23	Open
BP-S00199	04	$ 37,434.00	19-Oct-23	Open
BP-S00199	05	$ 49,628.24	20-Nov-23	Open

CC
ITEM V-A
12/19/2023

INFORMATION ITEM
Original CCM
10/31/2023
Item No. IV-A
Revised Memo

GREATER ORLANDO AVIATION

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

Memorandum

To: **Members of the Construction Committee**

From: **Robert Furr, VP of Engineering and Architecture**

Date: **October 31, 2023**

Re: **Request for Approval of an Addendum to the Continuing Architectural Services Agreement with MLM-Martin Architects, Inc. to provide a Feasibility Study for possible upgrades to the Board Room, Board Room Lobby and Earhart Conference Room located in the North Landside Terminal for W-00495 Board Room Lobby and Related Work at Orlando International Airport**

Consultant's proposal, dated 10/3/2023, is to provide services to formulate a Feasibility Study for possible upgrades to the Board Room, Board Room Lobby, Earhart Conference Room, and other related work located in the North Landside Terminal. MLM-Martin will establish means to update finishes and public experiences within the facilities, bringing them to a level of service acceptable to the authority.

If approved, these services would be effective October 31, 2023.

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

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

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

Funding is from Line of Credit to be Reimbursed by Future General Airport Revenue Bonds. Funding source verified by Melvin Martinez of Construction Finance on 12 / 14 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Architectural Services Agreement with MLM-Martin Architects, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	$123,890.00
Lump Sum Fees	0.00
Not to Exceed Expenses	$0.00
TOTAL	**$123,890.00**
AAC – Compliance Review Date	EW 10/20/2023
AAC – Funding Eligibility Review Date	10/20/2023

CC
ITEM V-B
12/19/2023