

**ADDENDUM NO. 1
TO THE AGREEMENT DATED FEBRUARY 9, 2022
BETWEEN GREATER ORLANDO AVIATION AUTHORITY
AND MEAD & HUNT, INC.**

**Project: Design Phase Services for BP-047 ORL East Ramp
Rehabilitation Phase 1B, Orlando Executive Airport**

THIS ADDENDUM is effective this 19th day of June, 2023,
by and between the **GREATER ORLANDO AVIATION AUTHORITY** ("Authority"), and
MEAD & HUNT, INC. ("Consultant").

WITNESSETH:

WHEREAS, by Agreement dated February 9, 2022, Authority and Consultant entered into an agreement for Consultant to provide Design Services for ORL East Ramp Rehabilitation - Phases 1, 2, and 3 and Taxiways A, B, and E4 Rehabilitation consulting services; and

WHEREAS, under the Agreement, Consultant agreed to perform such additional services for the Authority as are contained in any additional scope of work established by the Authority in any addendum to the Agreement and accepted in writing by the Consultant; and

WHEREAS, the Authority and the Consultant desire to enter into this Addendum to the Agreement to provide for additional services to be rendered by the Consultant under the terms of said Agreement.

NOW, THEREFORE, in consideration of the premises and the mutual covenants herein contained, the Authority and the Consultant do hereby agree as follows:

1. Consultant shall perform additional services in accordance with the terms of the Agreement and the attached Exhibit "A." Consultant shall be paid for such additional services according to the payment terms set forth in the Agreement.

2. Consultant shall be compensated for such additional services in the **LUMP SUM AND NOT TO EXCEED** amount of **ONE HUNDRED THIRTY-THREE THOUSAND SIX HUNDRED FIFTY-EIGHT AND 50/100 DOLLARS (\$133,658.50)**, broken down as follows:

Professional Fees:	NTE:	\$9,770.50
Professional Fees:	LS:	\$118,272.00
Reimbursable Expenses:	NTE:	<u>\$5,616.00</u>
Total:		\$133,658.50

3. A. Consultant hereby certifies that it is not on the Scrutinized Companies that Boycott Israel List and is not engaged in a boycott of Israel, as defined in Florida Statutes § 287.135, as amended;

AND

B. (applicable to agreements that may be \$1,000,000 or more) - Consultant hereby certifies that it is: (1) not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as defined in Florida Statutes § 287.135; and (2) not engaged in business operations in Cuba or Syria, as defined in Florida Statutes § 287.135, as amended.

4. Authority may terminate the Agreement for cause and without the opportunity to cure if the Consultant is found to have submitted a false certification or has been placed on the Scrutinized Companies that Boycott Israel List or is engaged in a boycott of Israel.

In the event the Agreement is for One Million Dollars (\$1,000,000.00) or more, Authority may terminate this Agreement for cause and without the opportunity to cure if the Consultant is found to have submitted a false certification or has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or is engaged in business operations in Cuba or Syria.

5. Except as expressly modified in this Addendum, the Agreement dated February 9, 2022 and all prior addenda will remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto by their duly authorized representatives, have executed this Addendum this date June 19, 2023.

GREATER ORLANDO AVIATION AUTHORITY

By:  Kevin Thibault
Chief Executive Officer
Jun 19 2023 4:35 PM
DocuSign

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

Approved as to Form and Legality
(for the benefit of GOAA only)
this date _____

Karen Ryan
Digitally signed by: Karen Ryan
DN: CN = Karen Ryan
Date: 2023.06.16 12:33:47 -
04'00'

By: _____
**NELSON MULLINS BROAD AND
CASSEL, Legal Counsel
Greater Orlando Aviation Authority**

MEAD & HUNT, INC.

By:  _____
Signature (Duly Authorized Rep.)

Mark Breukink

Printed Name

Vice President

Title



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

Memorandum

To: Members of the Construction Committee

From: Tuan Nguyen, P.E.
Manager of Engineering

Date: January 24, 2023

Re: Request for Recommendation of Approval of an Addendum to the Professional Services Agreement with Mead & Hunt, Inc. for Design Phase Services for BP-00047, ORL East Ramp Rehabilitation – Phase 1B
Orlando Executive Airport

Consultant's proposal, dated January 9, 2023, is to provide Design Phase Services. The Design Services and Deliverables generally include, but are not limited to the following: project surveys, geotechnical investigations, pavement condition evaluation, design and preparation of bid documents (60%, 90% & 100%), permitting documents, engineer's report, construction safety and phasing plan, project schedule and construction cost estimates. See Consultant's proposal for a detailed Scope of Work and Design Services description.

Contingent upon receiving a grant from the FAA, and subsequently, approval from the Aviation Authority Board and the City of Orlando, these services would be effective.

Consultant shall, with each monthly invoice, certify that the assigned work and services are on schedule to be completed within the contracted lump sum price, or provide at time of certification a written notice to the Aviation Authority of any deviations.

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

Funding will be from future Federal Aviation Administration and Florida Department of Transportation grants to the extent eligible and previously approved ORL Revenue Funds. Funding source verified by Melvin Martinez of Construction Finance on 01 / 19 / 23 as correct and available.

It is respectfully requested that the Construction Committee recommend to the Aviation Authority Board approval of an Addendum to the Professional Services Agreement with Mead & Hunt, Inc., for the services contained herein and amount as shown below:

Not to Exceed Fees	\$9,770.50
Lump Sum Fees	\$118,272.00
Not to Exceed Expenses	\$5,616.00
TOTAL	\$133,658.50
AAC – Compliance Review Date	<u>JSS</u> 1/11/23
AAC – Funding Eligibility Review Date	1/18/23



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

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AAC – Funding Eligibility Review Date	1/18/23



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
5850-B Cargo Road
Orlando, Florida 32827-4399

MEMORANDUM

To: Members of the Construction Committee

From: Edelis Molina, Sr. Small Business Administrator

Date: January 24, 2023

Re: Request for Recommendation of Approval of an Addendum to the Professional Services Agreement with Mead & Hunt, Inc. for Design Phase Services for BP-00047, ORL East Ramp Rehabilitation – Phase 1B, Orlando Executive Airport

We have reviewed the qualifications of the subject contract's DBE specifications and determined that, Mead & Hunt, Inc. proposes 43.5% DBE participation on this Addendum.

Our analysis indicates that Mead & Hunt, Inc. is eligible for award of the subject Addendum.

DBE UTILIZATION FORM FOR 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
Address: One Jeff Fuqua Boulevard, Orlando, FL 32827

Telephone No: (407) 825-7130

Project Name & Number: Request for Recommendation of Approval of an Addendum to the Professional Services Agreement with Mead & Hunt, Inc. for Design Phase Services for BP-00047, ORL East Ramp Rehabilitation – Phase 1B, Orlando Executive Airport

1. Construction Information:

Addendum Amount:

Addendum Amount: **133,658.50**

2. DBE 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 DBE Participation	-

5. DBE Goal by Group Representation:

Asian Pacific American	-	Actual Result
Asian Subcontinent American	-	Actual Result
Black American	54,105.50	Actual Result
Caucasian Female American	4,035.00	Actual Result
Hispanic American	-	Actual Result
Native American	-	Actual Result
Other	-	Actual Result
Total DBE Participation	58,140.50	Actual Result

3.a. Prime Contractor Information:

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

6.b. Engineering / Professional Services Firm Information:

Name: Mead & Hunt, Inc.
Address: 2203 North Lois Avenue, Suite 225
City, State, Zip: Tampa, FL 33607
Telephone: 813-210-8740

3.b. Name and Address of DBE Subcontractor

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

6.b. Name and Address of DBE Subconsultant

Name: Please see attached
Address: _____
City, State, Zip: _____
Telephone: _____

3.c.

*Identity: _____
Work Item(s): _____
Amount of Subcontract: _____
Percent of Prime Contract: _____

6.c.

*Identity: _____
Work Item(s): _____
Percent of Prime Contract: _____

I certify that the information included on this form and its attachment is correct

Signature: Edelis Molina

Date: 01/24/23

for George I. Morning, Director of Small Business Development Department

* In Items 3.c. and 6.c. above specify the identity of DBE Subcontractors and E/PS Firms (e.g. Black American, Hispanic American, Asian Subcontinent American, Asian Pacific American, Caucasian Female American, Native American & Other)

DBE Subcontractor/Subconsultant Certification		
Project Name & Number:	Request for Recommendation of Approval of an Addendum to the Professional Services Agreement with Mead & Hunt, Inc. for Design Phase Services for BP-00047, ORL East Ramp Rehabilitation – Phase 1B, Orlando Executive Airport	
Prime Firm:	Mead & Hunt, Inc.	
Addendum Amount:	\$133,658.50	
Company Name	Corporate Environmental Risk Management (CERM)	The Ohmega Group Inc.
Address	1990 Lakeside Parkway, Suite 300	25 North Market St, Suite 300A
City, State, Zip	Tucker, GA 30084	Jacksonville, FL 32202
Phone	678-999-0173	904-807-6512
Identity	Black American	Black American
Work Item	Ramp Striping and Construction Phasing	Ramp Lighting
Amount of Subcontract	16,540.00	26,214.00
Percentage	12.4%	19.6%
Company Name	John B. Webb & Associates, Inc.	Nadic Engineering Services, Inc.
Address	925 S Denning Drive, Suite 3	601 N. Hart Blvd.
City, State, Zip	Winter Park, FL 32789	Orlando, FL 32818
Phone	407-622-9322	407-521-4771
Identity	Caucasian Female American	Black American
Work Item	Topographic Survey	Geotechnical Testing
Amount of Subcontract	4,035.00	11,351.50
Percentage	3.0%	8.5%
Company Name		
Address		
City, State, Zip		
Phone		
Identity		
Work Item		
Amount of Subcontract		
Percentage		
Company Name		
Address		
City, State, Zip		
Phone		
Identity		
Work Item		
Amount of Subcontract		
Percentage		
	\$58,140.50	43.5%
	133,658.50	



January 9, 2023

Mr. Tuan Nguyen, P.E.
Manager of Engineering
Greater Orlando Aviation Authority
11314 Terminal C Service Road
Orlando, FL 32824

Subject: Design Services for BP-047 ORL East Ramp Rehabilitation- Phase 1B

Dear Mr. Nguyen:

As requested, Mead & Hunt, Inc. is pleased to submit this proposal to provide design professional services for Phase 1B of the East Ramp Rehabilitation project at the Orlando Executive Airport. Under the terms of this proposal, Mead & Hunt will provide professional services to complete engineering design of rehabilitating the East Ramp per the services described in Attachment A. Services shall include Contract Administration, Preliminary Design (survey, geotechnical testing, pavement design), and Project Design (60%, 90%, 100%).

We appreciate the opportunity to submit this proposal to the Greater Orlando Aviation Authority. Please reach out to me should you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "Dave Schmidgall".

Dave Schmidgall, PE
Project/Client Manager, Aviation Services
MEAD & HUNT, Inc.

A handwritten signature in blue ink, appearing to read "Mark Breukink".

Mark Breukink, PE
Vice President, Aviation Services

Attachment A	Engineering Scope of Work
Attachment B	Edc10a Deliverables Matrix
Attachment C	Edc16 Exhibit A
Attachment D	Survey and Geotechnical Testing Exhibits

Attachment A
Greater Orlando Aviation Authority
BP-047 ORL East Ramp Rehabilitation- Phase 1B
Aviation Services Design Engineering Work Scope
Orlando Executive Airport- Orlando Florida
January 9, 2023

PROJECT DESCRIPTION

The scope of work is in response to a request from Greater Orlando Aviation Authority (GOAA) to prepare construction documents (plans and specifications) for rehabilitating the pavement on the East Ramp at Orlando Executive Airport. The primary purpose of the project is to improve the condition of the existing pavement by performing a resurfacing of the pavement. The project will also include restriping of the ramp within the project limits as well as evaluating the ramp lighting and relocating the existing high mast light pole from the center to the apron to north of the apron. The rehabilitation of entire east ramp is a multiphased program and the work included in the provided scope of services includes rehabilitation of pavement within the Phase 1B area (approximately 90,000 SF) as shown below. The project will include:

- Preliminary design services including survey, geotechnical testing, and pavement rehabilitation analysis and design
- Completion of design documents (including 60%, 90%, and 100%)
- Completion of the Construction Safety and Phasing Plan, Engineer's Design Report, as well as coordination and submittals to the FAA and FDOT.



Figure 1- Project Limits

SCOPE OF WORK

Mead & Hunt, Inc. shall furnish the following services as noted below in the Design Services Checklist provided by GOAA:

I. DESIGN PHASE

A. GENERAL

- | | | |
|-------------------------------------|-----|--|
| ☒ | 1. | Attend design kick-off meeting with Owner. |
| ☒ | 2. | Prepare agenda for each meeting to be distributed 48 hours in advance. |
| ☒ | 3. | Take minutes at each meeting and distribute to each attendee within 48 hours of the meeting. |
| ☒ | 4. | Attend <u> 3 </u> (Kickoff w/ field inspection, 60% Review, 90% Review) Progress Meetings. (Meetings/Site visits shown and included below) |
| ☒ | 5. | Provide a project directory list for the Prime and Sub-consultants indicating the following: <ul style="list-style-type: none">• Contact. person• Company.• Telephone/Fax.• Address.• E-mail address |
| ☒ | 6. | Monthly Status Report: (Assumes 3 months) <ul style="list-style-type: none">• All minutes.• Progress status.• Look ahead schedule. |
| ☒ | 7. | Respond to all review comments in writing within 14 days. |
| ☒ | 8. | Make list of items required in order to proceed to next phase: <ul style="list-style-type: none">• Cost reconciliation within budget.• Design progress confirmed by OAR. |
| ☐ | 9. | Obtain badges/keys/parking permits. |
| ☒ | 10. | Establish & coordinate Design Team procedures. |
| ☒ | 11. | Develop preliminary design schedule - expansion of design period, submissions deadlines. |
| ☒ | 12. | All work shall be according to GOAA Design Guidelines. |

B. DATA COLLECTION / PRELIMINARY DESIGN STANDARDS

- | | | |
|-------------------------------------|----|--|
| ☒ | 1. | Verification of scope. |
| ☒ | 2. | Review/gather record documents. |
| ☒ | 3. | Field verifications – (Part of 1 st meeting) |
| ☒ | 4. | Review Master Plan & ALP, if applicable. |
| ☒ | 5. | Review previous studies. (Owner to provide current Pavement Management Plan) |

N/A	6.	Address asbestos or environmentally sensitive materials present. Perform survey if required.
X	7.	Identify applicable permit and code requirements and enforcing Govt. agencies—submit report.
N/A	8.	Review lease documents. (if required)
X	9.	Identify adjacent projects.
X	10.	Pre-design conference (non-FAA). (Part of 1 st meeting)
X	11.	Meeting No. <u>1</u> . (GOAA, tenants, FAA, etc.)
X	12.	Establish design criteria.
X	13.	Verification of budget.
X	14.	Preliminary Engineering report.
N/A	15.	Alternate approaches/concepts/include schedule and cost impacts for each.

C. SCHEMATIC DESIGN (30%) (**No Schematic Design Phase is proposed for this project**)

X	1.	Preliminary evaluation of construction schedule.
X	2.	Schedule of required permits identified and submitted for review.
X	3.	Initial Environmental Permit submittal.
X	4.	Identify special study needs.
X	5.	Preliminary plans — full sets.
X	6.	Preliminary estimate of construction costs & reconciliation (See EDC 06).
X	7.	Utility Plan.
X	8.	Maintenance of Traffic.
X	9.	Technical Review Team Meeting.
X	10.	Present Concept to DRC for approval.
X	11.	Pre-design conference (FAA).
X	12.	Meetings No. _____.
X	13.	Submit ALP Change Request — airspace.
X	14.	Environmental studies submittal.

D. DESIGN DEVELOPMENT (60%)

X	1.	Preliminary plans.
X	2.	Typical details.
X	3.	Outline specifications
X	4.	Request modification of standards FAA/GOAA.
X	5.	Coordinate design elements.
N/A	6.	Utility Plan
X	7.	Maintenance of Traffic
X	8.	Technical Review Team Meeting
X	9.	Cost estimate & reconciliation.
N/A	10.	Present to DRC.
X	11.	Meeting (include. tech review) No. <u>2</u> .
X	12.	Technical review responses, written.

E. CONSTRUCTION DOCUMENTS (90%)

X	1.	Finalize design calculations (Notebook to GOAA).
N/A	2.	Coordinate with officials for environmental permits; file docs.

X	3.	Incorporate specialty designs.
X	4.	Complete detailed drawings.
X	5.	Coordinate design elements.
X	6.	GOAA general conditions & front end documents. Provided by GOAA.
X	7.	Finalize specifications.
X	8.	Final cost estimate & reconciliations.
X	9.	Schedule of submittals.
X	10.	Schedule of quality assurance testing.
X	11.	Final Engineer's report (FAA) (FDOT).
X	12.	Provide final plans & specifications.
X	13.	Meeting No. <u>3</u> .
N/A	14.	DRC / Technical Review.
N/A	15.	Technical review responses, written.
X	16.	Monthly Status Report
X	17.	Construction Safety and Phasing Plan

F. 100% SUBMITTAL

X	1.	Adjust 90% Plans, Specifications, Cost Estimate to Final
N/A	2.	Deliver 100% plans to City to initiate permits. (Obtain GOAA Engineering Dept. approval stamp).

II. BID AND AWARD PHASE (to be negotiated at a later date)

☐	1.	Produce & distribute final docs to bidders.
		Non-refundable _____; refundable _____; no cost to bidders <u>x</u> (provide electronically).
☐	2.	Pre-Bid Conference and site visit.
☐	3.	Respond to bidders inquiries.
☐	4.	Respond to building officials' comments (permits).
☐	5.	Prepare addenda.
☐	6.	Attend bid opening.
☐	7.	Bid tabulation.
☐	8.	Recommend for award.
☐	9.	Review and research Bidder's qualifications.
☐	10.	Meetings with GOAA No. <u>1*</u>. (Conference Call)
☐	11.	Assemble contract documents and conformed documents (incorporates contractor contract doc., etc.). See EDC-06

III. CONSTRUCTION PHASE (to be negotiated at a later date)

☐	1.	Attend Pre-Construction Conference.
☐	2.	Attend JCMs (weekly _____; bi-weekly _____).
☐	3.	Review submittals (includes site verification).
☐	4.	Make periodic site visits; verify as-built redlines; prepare site visit reports (weekly _____; bi-weekly _____). JCM & Bi-weekly site visit to be conducted simultaneously.
☐	5.	Review pay requests and approve.
☐	6.	Respond to RFIs.
☐	7.	Prepare bulletins with Estimate of Costs.
☐	8.	Prepare ASIs.
☐	9.	Assist in preparation of change orders (OAR prepares).
☐	10.	Substantial Completion Inspection.
☐	11.	Final inspection.

IV. CLOSE-OUT (to be negotiated at a later date)

- | | |
|----|---|
| 1. | Evaluate Close-Out package. Review as-built redlines and O&M manuals. |
| 2. | Prepare record drawings from contractor's redlines: <ul style="list-style-type: none">• Deliver CD with CADD and PDF files.• 1 set prints.• Project manual on CD in MS Word and PDF.• Contractors red lines. |

PROJECT APPROACH

Project deliverables will ultimately yield completed, permitted, construction contract Bid Documents, satisfying the stakeholder review comments and suitable for construction. Final quality control elements performed by Mead & Hunt's Quality Control team, such as inter-discipline coordination, peer reviews and document and calculation checking, will have been completed and incorporated.

- A. **Data Collection / Preliminary Design** – To start the project, Mead & Hunt will meet with the stakeholders including the GOAA Engineering Department to review the project and scope of work. Mead & Hunt will solicit comments from each stakeholder for evaluation by the GOAA Project Team. During this phase, Mead & Hunt will also perform a site visit to confirm and investigate the project areas designated for improvements. Mead & Hunt will begin the development of preliminary drawings and design and complete the following:
- Field topographic survey- teaming partner John B. Webb will complete a topographic survey of the project area to determine pavement grades and areas directly adjacent to apron pavement (see attached survey exhibit in Attachment D). This topographic survey will be incorporated into the existing base file for use in project design.
 - Geotechnical testing- teaming partner Nadic Engineering will complete pavement cores and soil penetration tests within the project area (see attached geotechnical testing exhibit in Attachment D). These tests will be utilized to verify existing pavement thickness and subgrade conditions to be used in the pavement design for the rehabilitated apron. A pavement design using FAA Pavement design software FAARFIELD 2.0 (per the guidance of FAA Advisory Circular 150/5320-6G) to establish the pavement rehabilitation section will be completed during this phase.
 - Photometric analysis and calculations of existing ramp lighting based on the requirements of the Illuminating Engineering Society of North America (IESNA)
 - Evaluation of the existing power distribution system including service entrance , electric circuiting, riser/panel schedules, and electrical load and voltage drops of existing ramp lighting equipment.
 - Project Development Schedule – Verification of the program schedule in the form of a detailed Project Development Schedule.
 - Estimate of Probable Construction Costs – Verification of the program budget originally established in the preliminary engineering report in the form of a detailed estimate of probable construction costs with appropriate contingencies.

Upon completion of this work, a review meeting will be held with GOAA staff to confirm the results of the investigative phase so Mead & Hunt can proceed into design development.

- B. **Design Development Phase (60% Submittal)** – Following the preliminary design review and the approval of project scope and limits, Mead & Hunt will initiate the Design Development Phase. Mead & Hunt will incorporate agreed-upon comments and scope of work into the

construction documents. The construction documents will be named the Design Development Drawings and Technical Specification Documents and will include the following:

- Drawings – Submittals will include drawings developed to a level of detail that is approximately 60% of the Final Design Documents. The drawings will refine the layout and scope of work required by the Contractor including further detail on the pavement rehabilitation requirements. An anticipated list of drawings is included in Table C-8. Electrical design services for the relocation/replacement of one new light pole are included as part of the design services.
- Technical Specifications – The submittal will include the technical specifications to be utilized for the construction documents.
- Construction schedule and a statement of probable construction costs with appropriate contingencies.

C. **Construction Documents Phase (90% Submittal)** – In the Construction Document Phase, Mead & Hunt will provide services necessary to prepare, from the approved Design Development Documents, final design consisting of drawings, specifications, and other documents suitable for submittal to GOAA and FAA. The documents will incorporate comments from the stakeholders and the GOAA. The Construction Documents will include the following deliverables:

- Drawings – Submittals will include 90% Construction Documents, incorporating comments from the project reviewers.
- Construction schedule and an updated statement of probable construction costs with appropriate contingencies
- Documents and/or forms necessary to obtain permits or approvals for construction including Construction Safety and Phasing Plan and Engineer's Design Report.

D. **100% Submittal Phase** – In the 100% Submittal Phase, Mead & Hunt will provide services necessary to finalize the Construction Document Phase including final design consisting of drawings, specifications, and other documents. The documents will incorporate comments from the stakeholders and the GOAA and will set forth in detail the requirements for project construction, bidding, and contracting. The Construction Documents will include the following deliverables:

- Drawings – Submittals will include 100% Construction Documents, incorporating comments from the project reviewers including FAA and GOAA.
- Construction schedule and a final statement of probable construction costs (Bid Proposal Estimate) with appropriate contingencies
- Documents and/or forms necessary to obtain permits or approvals for construction with any updates and modifications to the documents submitted in the 90% submittal.

All deliverable and scope of work items outlined in the Scope of Work section will be provided during the above-described phases.

CLARIFICATIONS / ASSUMPTIONS

- Our Scope of Services and Compensation are based on GOAA performing or providing the following:
 - Access to the project site.
 - Available data, drawings, and information related to the project areas (if available)
- Bid and award phases services, construction phase services, resident inspection, and Quality Assurance testing are not included in this scope of work. These will be included under a separate proposal if requested.

PROJECT SCHEDULE

A detailed design schedule will be developed upon project approval. **The below schedule is tentative and subject to GOAA receiving an FAA Grant for this project.**

Description	Date
Contracting Phase	
→ Submit scope of services for IFE preparation	9/23/22
→ Submit Fee Proposal	10/7/22
→ Negotiated fees go to Construction Committee Approval	1/9/23
→ Submit Grant Application to FAA	TBD
→ Grant offered by FAA	TBD
→ Grant accepted and executed by City of Orlando	TBD
→ GOAA Board awards contract to Mead & Hunt	TBD
→ Execute Agreement	TBD
→ Issue Design NTP	TBD
Design Phase	
→ Project Startup/Finalize Project Plan	7 days from NTP
→ Complete Survey/Geotech/Pavement Design	30 days from NTP
→ 60% Submittal	45 days from NTP
→ 60% Review Meeting	55 days from NTP
→ 90% Submittal	75 days from NTP
→ 90% Review Meeting	85 days from NTP
→ 100% Submittal (Receive Approval to Bid)	90 days from NTP
Bidding Phase (under separate contract)	
→ Advertise for Bids	TBD
→ Distribute documents	TBD
→ Pre-Bid Meeting	TBD
→ Bid Opening	TBD
→ Receive Approval to Award from Construction Committee	TBD
→ Submit for FAA Grant Application	TBD

ESTIMATE OF FEES AND EXPENSES

1. Engineering Services	\$118,272.00
2. Total Not to Exceed Reimbursable Fee	\$9,770.50
3. Total Not to Exceed Reimbursable Expenses	\$5,616.00

Total Fees and Expenses	\$133,658.50
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DELIVERABLES

The deliverables for the project are outlined in Table EDC10a and are attached to this document.

BP-47
ORL East Ramp Rehabilitation Phase 1B
DELIVERABLES MATRIX

DISTRIBUTION			Design Phase Services																								
Group	Representative	Survey/Geotechnical Reports (N/A)		30% Schematic Design Documents (Conceptual) - N/A		30% Schematic Design Estimate - N/A		60% Design Development		60% Design Estimate		95% Construction Documents		95% Construction Estimate		100% Document Submittal		Bid Documents		Permit Sets (Signed and Sealed)		Addenda		Executed Contract Documents		Conformed Documents	
		Hard Copy	PDF/ Electronic	Hard Copy	PDF/ Electronic	Hard Copy	PDF/ Electronic	Hard Copy	PDF/ Electronic	Hard Copy	PDF/ Electronic	Hard Copy	PDF/ Electronic	Hard Copy	PDF/ Electronic	Hard Copy	PDF/ Electronic	Hard Copy	PDF/ Electronic	Plans	Manuals	Hard Copy	PDF/ Electronic	Hard Copy	PDF/ Electronic	Hard Copy	PDF/ Electronic
GOAA	Engineering & Planning																										
	• Project Manager		1								1				1		1										
	• GOAA Plan Room (1)																										
	• Planning																										
	• Records																										
	• Contracts & Grants																										
	Construction (See Agencies)																										
	• Project Manager																										
	Airside Operations																										
	Airline Operations																										
	Landside Operations																										
	Maintenance		1																								
	Concessions																										
	Commercial Properties																										
	Fire Department																										
	Information Technology																										
	Small Business Department																										
	Other																										
	Consultants																										
	Design OAR																										
	OAR Subconsultants																										
	Estimating																										
	Legal																										
	Construction OAR		1																								
	Other																										
	Spare																										
	Committees																										
Design Review (5)		1																									
Other																											
Bidders																											
Continuing Contractors (2)																											
Public Bidders (7)																											
Agencies																											
External Plans Room (3)																											
City of Orlando (4)																											
FDOT																											
Thru Eng. - Grants																											
FAA																											
Other - SWFWMD																											
Contractor																											
TBD																											
Vendors																											
TOTALS		0	4	0	0	0	0	0	0	4	0	4	2	6	2	6	1	5	0	0	0	0	0	0	0	0	

Notes:
(1) GOAA Plan Room receives 6 copies of the Permit Sets and any Addenda, signed & sealed, for stamping before sending to the City of Orlando
(2) Continuing Contractors receive (1) Bid Set each (Hard Copy and Electronic formats) - total number depends on how many continuing contractors are under contract at the time
(3) Sets for the External Plans rooms are delivered directly from the printer or AE - DO NOT SUBMIT to GOAA. Coordinate method of delivery with Plan Room. See attached Plan Rooms list.
(4) Of the total signed and sealed Permit sets (6 plans/ 4 manuals): 4 plans and 2 manuals are to be delivered to the City for permit review after stamping by GOAA
(5) Submit only applicable documents, if required.
(6) Electronic: includes DWG format and PDF format for drawing files; includes Word/Excel/etc. format and PDF format for other files
(7) Produce as many sets as required. Bidders to pay Design Consultant directly. Design Consultant to keep track of Bidders and Addendums.

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EXHIBIT A – CONSULTANT'S COMPENSATION PROPOSAL AND TABLES

CONSULTANT'S COMPENSATION PROPOSAL

1.0 LUMP SUM FEES FOR BASIC SERVICES

The Owner shall pay the Consultant **\$118,272.00 (Lump Sum Amount)** for all Basic Services and Expenses furnished by the Consultant which have been mutually agreed to be compensated on a lump sum basis as defined in **Table C-1**.

2.0 NOT TO EXCEED REIMBURSABLE FEES FOR BASIC SERVICES

The Owner shall pay the Consultant up to a Not to Exceed fee limit of **\$9,770.50 (Not to Exceed Labor)** all Basic Services furnished by the Consultant which have been mutually agreed to be compensated on a Reimbursable Fee basis as defined in **Table C-1**. The Reimbursable fee shall be determined by the actual quantities of services performed at the unit rates defined in **Table C-5**.

3.0 NOT TO EXCEED REIMBURSABLE EXPENSES

The Owner shall pay the Consultant up to a Not to Exceed limit of **\$5,616.00 (Not to Exceed Expenses)** for all eligible Reimbursable Expenses. A breakdown of eligible Reimbursable Expenses is defined in **Table C-1** and **Table C-6**.

4.0 TOTAL CONTRACT AMOUNT

The Total Contract Amount, including the Lump Sum Fees and Expenses, the Not To Exceed Reimbursable Fees, and the Not To Exceed Reimbursable Expenses is **\$133,658.50**.

5.0 TABLES

The following tables are included as part of the **Consultant's Compensation Proposal**:

- Table C-1**, Summary of Total Contract Value
- Table C-2**, Summary of Lump Sum Fees
- Table C-3**, Breakdown of Lump Sum Fees
- Table C-4**, Summary of Not to Exceed Reimbursable Fees and Expenses
- Table C-5**, Breakdown of Not to Exceed Reimbursable Fees
- Table C-6**, Breakdown of Not to Exceed Reimbursable Expenses
- Table C-7a,b,c**, DBE/MWBE/LDB Participation Schedule
- Table C-8**, List of Anticipated Drawings
- Table C-9**, Consultant's Compensation/Contract Hourly Rates

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

Phase of Project:	Preliminary Design	Schematic 30%	Development 60%	Const. Docs. 90%	Bidding & Award	SUBTOTAL	Const. Admin.	Record Documents	TOTAL CONTRACT
1.0 Lump Sum Fee:	\$15,188.00	\$0	\$48,590.00	\$54,494.00	\$0	\$118,272.00	\$0	\$0	\$118,272.00
2.0 Not to Exceed Reimbursable Fee:	\$9,770.50	\$0	\$0	\$0	\$0	\$9,770.50	\$0	\$0	\$9,770.50
3.0 Not to Exceed Reimbursable Expenses:	\$5,616.00	\$0	\$0	\$0	\$0	\$5,616.00	\$0	\$0	\$5,616.00
4.0 TOTAL CONTRACT VALUE:	\$30,574.50	\$0	\$48,590.00	\$54,494.00	\$0	\$133,658.50	\$0	\$0	\$133,658.50

Total Lump Sum Labor Hours:	105	0	343	389	0	837	0	0	837
Total Not to Exceed Reimbursable Labor Hours:	81	0	0	0	0	81	0	0	81
TOTAL LABOR HOURS:	186	0	343	389	0	918	0	0	918
Average Hourly Rate:	\$164	#DIV/0!	\$142	\$140	#DIV/0!	\$146	#DIV/0!	#DIV/0!	\$146

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. (90%)		Bidding & Award		Const. Admin.		Record Documents		TOTAL		
	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Cost	Avg. Rate
Mead & Hunt, Inc.																	
Lump Sum Fee Subtotal	49	\$8,606	0	\$0	208	\$31,159	234	\$35,753	0	\$0	0	\$0	0	\$0	491	\$75,518	\$154
CERM, Inc.																	
Lump Sum Fee Subtotal	0	\$0	0	\$0	56	\$7,968	60	\$8,572	0	\$0	0	\$0	0	\$0	116	\$16,540	\$143
The Omega Group, Inc.																	
Lump Sum Fee Subtotal	56	\$6,582	0	\$0	79	\$9,463	95	\$10,169	0	\$0	0	\$0	0	\$0	230	\$26,214	\$114
John B. Webb and Associates																	
Lump Sum Fee Subtotal	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
NADIC Engineering																	
Lump Sum Fee Subtotal	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Subconsultant No. 5																	
Lump Sum Fee Subtotal	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Total Lump Sum Amount:	105	\$15,188	0	\$0	343	\$48,590	389	\$54,494	0	\$0	0	\$0	0	\$0	837	\$118,272	\$141

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

Mead & Hunt, Inc.																						
Position:																						
	QC REVIEWER			SR PROJECT MANAGER			SR ENGINEER			ENGINEER			ENGINEER INTERN			SR. ADMIN ASSISTANT			TOTAL			
	labor hours	Cost		labor hours	Cost		labor hours	Cost		labor hours	Cost		labor hours	Cost		labor hours	Cost		labor hours	Cost		
Rate (\$/Hour):		\$250.00			\$262.00			\$187.00			\$155.00			\$100.00			\$77.00					
Preliminary Design																						
Review of Record Drawings & Documents	0	\$0	1	\$262	2	\$374	0	\$0	4	\$400	0	\$0	7	\$1,036	\$148							
Verification of Existing Conditions and Site Evaluation	0	\$0	4	\$1,048	4	\$748	0	\$0	8	\$800	0	\$0	16	\$2,596	\$162							
Preliminary Engineering Analysis and Pavement Rehab Design	0	\$0	2	\$524	4	\$748	0	\$0	4	\$400	0	\$0	10	\$1,672	\$167							
Integrate Topographic Survey	0	\$0	1	\$262	0	\$0	0	\$0	0	\$0	0	\$0	1	\$339	\$170							
Review of Geotechnical Investigation & Analysis	0	\$0	1	\$262	2	\$374	0	\$0	0	\$0	0	\$0	1	\$77	\$78							
Coordination / Project Management	0	\$0	8	\$2,096	0	\$0	0	\$0	0	\$0	0	\$0	2	\$154	\$2,250							
	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	#DIV/0!						
Sub-Total Preliminary Design	0	\$0	17	\$4,454	12	\$2,244	0	\$0	16	\$1,600	4	\$308	49	\$8,606	\$176							
Schematic Design (30%)																						
- Prepare Preliminary Drawings	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	#DIV/0!						
- Surveying	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	#DIV/0!						
- Update/Reconcile Opinion of Probable Const. Cost	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	#DIV/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	#DIV/0!						
Sub-Total Schematic Design (30%)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0	#DIV/0!						
Design Development (60%)																						
- Develop Drawings	0	\$0	16	\$4,192	40	\$7,480	0	\$0	80	\$8,000	0	\$0	136	\$19,672	\$145							
- Develop Specifications	0	\$0	4	\$2,244	12	\$2,244	0	\$0	0	\$0	8	\$616	24	\$3,908	\$163							
- Prepare Construction Documents	0	\$0	1	\$262	8	\$1,496	0	\$0	16	\$1,600	0	\$0	25	\$3,358	\$134							
- Update/Reconcile Opinion of Probable Const. Cost	0	\$0	2	\$524	4	\$748	0	\$0	4	\$400	1	\$77	11	\$1,749	\$159							
- Construction Safety and Phasing Plan	0	\$0	2	\$524	0	\$0	0	\$0	2	\$200	0	\$0	8	\$1,472	\$184							
- Quality Control Review	4	\$1,000	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	4	\$1,000	\$250							
	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0	#DIV/0!						
Sub-Total Design Development (60%)	4	\$1,000	25	\$6,550	68	\$12,716	0	\$0	102	\$10,200	9	\$693	208	\$31,159	\$150							
Construction Documents (90%)																						
- Complete Drawings	0	\$0	16	\$4,192	40	\$7,480	0	\$0	80	\$8,000	0	\$0	136	\$19,672	\$145							
- Complete Specifications	0	\$0	4	\$1,048	16	\$2,992	0	\$0	0	\$0	8	\$616	28	\$4,656	\$166							
- Complete Construction Documents	0	\$0	1	\$262	8	\$1,496	0	\$0	16	\$1,600	0	\$0	25	\$3,358	\$134							
- Update/Reconcile Opinion of Probable Const. Cost	0	\$0	2	\$524	4	\$748	0	\$0	4	\$400	1	\$77	11	\$1,749	\$159							
- Construction Safety and Phasing Plan	0	\$0	2	\$524	4	\$748	0	\$0	2	\$200	0	\$0	8	\$1,472	\$184							
- Engineer's Design Report	0	\$0	2	\$524	8	\$1,496	0	\$0	0	\$0	0	\$0	10	\$2,020	\$202							
- Quality Control Review	4	\$1,000	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	4	\$250	\$250							
	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0	#DIV/0!						
Resolve 90% Comments on Drawings/ Specs/Documents	0	\$0	2	\$524	4	\$748	0	\$0	4	\$400	2	\$154	12	\$1,826	\$152							
Sub-Total Construction Documents (90%)	4	\$1,000	29	\$7,598	84	\$15,708	0	\$0	106	\$10,600	11	\$847	234	\$35,753	\$153							

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

Position:	QC REVIEWER		SR PROJECT MANAGER		SR ENGINEER		ENGINEER		ENGINEER INTERN		SR. ADMIN ASSISTANT		TOTAL	
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost
Rate (\$/Hour):														
Bidding and Award														
-Resolve 90% Comments on Drawings/ Specs/Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Prepare/Reproduce/Distribute Bid Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Prepare/Reproduce/Distribute Bid Addenda	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Attend/Minute Pre-Bid Meeting	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Attend/Minute Bid Opening	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Prepare Bid Tabulation/Recommendation	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Quality Control Review	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Sub-Total Bidding and Award	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Construction Administration														
-Prepare/Reproduce/Distribute Confirmed Documents/Drawings	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Attend Pre-NTP Meeting	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Attend Pre-Construction Conference	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Attend JCMs	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Site Visits/Check As-Built/Site Visit Reports	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Review Contractor's Submittals	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Review Contractor's Invoices	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Review C.O.s	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Substantial Completion Inspection	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Final Completion Inspection	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Sub-Total Construction Administration	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Closeout														
-Prepare Record Drawings/Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Sub-Total Closeout	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
TOTAL LUMP SUM FEE:	8	\$2,000	71	\$18,602	164	\$30,658	0	\$0	224	\$22,400	24	\$1,848	491	\$75,518

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-3
BREAKDOWN OF LUMP SUM FEES

Position:	PRINCIPAL		SENIOR PROJECT MANAGER		SENIOR ENGINEER		ENGINEER		CADD TECH		CLERICAL		TOTAL		
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Avg. Hourly Rate
Rate (\$/Hour):		\$0.00		\$150.00		\$151.00		\$0.00		\$78.00		\$59.00			
Preliminary Design															
Review of Record Drawings & Documents	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	#DIV/0!
Preliminary Engineering Report	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	#DIV/0!
Geotechnical Investigation & Analysis	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	#DIV/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	#DIV/0!
Sub-Total Preliminary Design	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	#DIV/0!
Prepare Preliminary Specifications	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	#DIV/0!
Geotechnical Investigation & Analysis	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	#DIV/0!
Update/Reconcile Opinion of Probable Cost-Cost	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	#DIV/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	#DIV/0!
Sub-Total Schematic-Design (30%)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	#DIV/0!
Design Development (60%)															
Site Visits and Meetings with Client and GOAA Staff	0	\$0	4	\$604	4	\$604	0	\$0	0	\$0	0	\$0	8	\$1,204	\$151
Develop Phasing Drawings	0	\$0	0	\$0	20	\$3,020	0	\$0	0	\$0	0	\$0	20	\$3,020	\$151
Develop Striping Drawings	0	\$0	0	\$0	10	\$1,510	0	\$0	0	\$0	0	\$0	10	\$1,510	\$151
Develop Specifications	0	\$0	4	\$600	0	\$0	0	\$0	0	\$0	2	\$118	6	\$718	\$120
Prepare 60% Construction Documents	0	\$0	0	\$0	0	\$0	4	\$312	0	\$0	0	\$0	4	\$312	\$78
Update/Reconcile Opinion of Probable Construction Cost	0	\$0	0	\$0	4	\$604	0	\$0	0	\$0	0	\$0	4	\$604	\$151
QA/QC	0	\$0	4	\$600	0	\$0	0	\$0	0	\$0	0	\$0	4	\$600	\$150
Sub-Total Design Development (60%)	0	\$0	12	\$1,800	38	\$5,738	0	\$0	4	\$312	2	\$118	56	\$7,968	\$142
Construction Documents (90%)															
Site Visits and Meetings with Client and GOAA Staff	0	\$0	4	\$600	4	\$604	0	\$0	0	\$0	0	\$0	8	\$1,204	\$151
Develop Phasing Drawings	0	\$0	0	\$0	20	\$3,020	0	\$0	0	\$0	0	\$0	20	\$3,020	\$151
Develop Striping Drawings	0	\$0	0	\$0	10	\$1,510	0	\$0	0	\$0	0	\$0	10	\$1,510	\$151
Develop Specifications	0	\$0	4	\$600	0	\$0	0	\$0	0	\$0	2	\$118	6	\$718	\$120
Prepare 60% Construction Documents	0	\$0	0	\$0	0	\$0	4	\$312	0	\$0	0	\$0	4	\$312	\$78
Update/Reconcile Opinion of Probable Construction Cost	0	\$0	0	\$0	4	\$604	0	\$0	0	\$0	0	\$0	4	\$604	\$151
QA/QC	0	\$0	4	\$600	0	\$0	0	\$0	0	\$0	0	\$0	4	\$600	\$150
Sub-Total Construction Documents (90%)	0	\$0	12	\$1,800	42	\$6,342	0	\$0	4	\$312	2	\$118	60	\$8,572	\$143

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

Position:	PRINCIPAL		SENIOR PROJECT MANAGER		SENIOR ENGINEER		ENGINEER		CADD TECH		CLERICAL		TOTAL	
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost
Rate (\$/Hour):														
Bidding and Award														
-Resolve 90% Comments on Drawings/ Specs/Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Prepare/Reproduce/Distribute Bid Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Prepare/Reproduce/Distribute Bid Addenda	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Attend Minute Pre-Bid Meeting	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Attend Minute Bid Opening	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Prepare Bid Tabulation/Recommendation	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Sub-Total Bidding and Award	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Construction Administration														
-Prepare/Reproduce/Distribute Confirmed Documents/Drawings	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Attend Pre-NTP Meeting	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Attend Pre-Construction Conference	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Attend JCMs	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Site Visit/Check As-Builts/Site Visit Reports	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Review Contractor's Submittals	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Review Contractor's Invoices	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Review C.O.s	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Substantial Completion Inspection	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Final Completion Inspection	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Sub-Total Construction Administration-Closeout	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Prepare Record Drawings/Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
-Sub-Total Closeout	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
TOTAL LUMP SUM FEE:	0	\$0	24	\$3,600	80	\$12,000	0	\$0	8	\$624	4	\$236	116	\$16,540
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-3
BREAKDOWN OF LUMP SUM FEES

Position:	PRINCIPAL		QC REVIEWER		SENIOR ENGINEER		CADD DESIGNER		TECHNICIAN		CLERICAL		TOTAL	
	\$185.00		\$138.00		\$153.00		\$86.00		\$75.00		\$66.00			
	labor	Cost	labor	Cost	labor	Cost	labor	Cost	labor	Cost	labor	Cost	labor	Cost
Preliminary Design														
Review of Record Drawings & Documents	0	\$0	0	\$0	0	\$0	8	\$688	0	\$0	0	\$0	8	\$688
Verification of Existing Conditions	0	\$0	0	\$0	8	\$1,224	8	\$688	0	\$0	0	\$0	16	\$1,912
Preliminary Engineering Report	0	\$0	0	\$0	8	\$1,224	8	\$688	0	\$0	0	\$0	16	\$1,912
Surveying	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Geotechnical Investigation & Analysis	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Attend Coordination Meetings	1	\$185	0	\$0	4	\$612	2	\$172	0	\$0	0	\$0	7	\$969
Project Management	1	\$185	0	\$0	4	\$612	0	\$0	0	\$0	2	\$132	7	\$929
Submit Documents	0	\$0	0	\$0	0	\$0	2	\$172	0	\$0	0	\$0	2	\$172
	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Preliminary Design	2	\$370	0	\$0	24	\$3,672	28	\$2,408	0	\$0	2	\$132	56	\$6,582
Schematic Design (30%)														
Prepare Preliminary Drawings	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Prepare Preliminary Specifications	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Surveying	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Geotechnical Investigation & Analysis	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Update/Reconcile Opinion of Probable Const. Cost	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Schematic Design (30%)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Design Development (60%)														
Develop Drawings	0	\$0	0	\$0	8	\$1,224	16	\$1,376	0	\$0	0	\$0	24	\$2,600
Develop Specifications	0	\$0	0	\$0	4	\$612	0	\$0	0	\$0	0	\$0	4	\$612
Prepare Construction Documents	0	\$0	0	\$0	8	\$1,224	16	\$1,376	0	\$0	0	\$0	24	\$2,600
Update/Reconcile Opinion of Probable Const. Cost	0	\$0	0	\$0	0	\$0	2	\$172	0	\$0	0	\$0	8	\$1,090
Attend Coordination Meetings	1	\$185	0	\$0	2	\$306	2	\$172	0	\$0	0	\$0	5	\$663
Project Management	1	\$185	0	\$0	2	\$306	0	\$0	0	\$0	2	\$132	5	\$623
QC Review	1	\$185	0	\$0	6	\$918	2	\$172	0	\$0	0	\$0	9	\$1,275
	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Design Development (60%)	3	\$555	0	\$0	36	\$5,508	38	\$3,288	0	\$0	2	\$132	79	\$9,463
Construction Documents (90%)														
Complete Drawings	0	\$0	0	\$0	4	\$612	24	\$2,064	0	\$0	0	\$0	28	\$2,676
Complete Specifications	0	\$0	0	\$0	2	\$306	0	\$0	0	\$0	0	\$0	2	\$306
Complete Construction Documents	0	\$0	0	\$0	4	\$612	32	\$2,752	0	\$0	0	\$0	36	\$3,364
Update/Reconcile Opinion of Probable Const. Cost	0	\$0	0	\$0	4	\$612	2	\$172	0	\$0	0	\$0	6	\$784
Attend Coordination Meetings	1	\$185	0	\$0	2	\$306	2	\$172	0	\$0	0	\$0	5	\$663
Project Management	1	\$185	0	\$0	2	\$306	0	\$0	0	\$0	2	\$132	5	\$623
QC Review	1	\$185	0	\$0	6	\$918	2	\$172	0	\$0	0	\$0	9	\$1,275
Resolve 90% Comments on Drawings/ Specs/Documents	0	\$0	0	\$0	2	\$306	2	\$172	0	\$0	0	\$0	4	\$478
	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Construction Documents (90%)	3	\$555	0	\$0	26	\$3,978	64	\$5,504	0	\$0	2	\$132	95	\$10,169

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

Position:	PRINCIPAL		QC REVIEWER		SENIOR ENGINEER		SENIOR CADD DESIGNER		CADD TECHNICIAN		CLERICAL		TOTAL	
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost
Rate (\$/Hour):		\$185.00		\$135.00		\$153.00		\$85.00		\$75.00		\$66.00		Avg. Hourly Rate
Bidding and Award														
-Resolve 90% Comments on Drawings/ Specs/Documents	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 #DIV/0!
-Prepare/Reproduce/Distribute Bid Addenda	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 #DIV/0!
-Attend Minute Bid Opening	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 #DIV/0!
-Attend Coordination Meetings	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0 #DIV/0!
-Project Management	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 #DIV/0!
Construction Administration														
-Prepare/Reproduce/Distribute Confirmed Documents/Drawings	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 #DIV/0!
-Attend Pre-Construction Conference	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 #DIV/0!
-Site Visits/Check As-Builts/Site Visit Reports	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 #DIV/0!
-Review Contractor's Invoices	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 #DIV/0!
-Substantial Completion Inspection	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	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 #DIV/0!
-Sub-Total Construction Administration	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 #DIV/0!
-Other Activities (List)	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 #DIV/0!
TOTAL LUMP SUM FEE:	8	\$1,480	0	\$0	86	\$13,158	130	\$11,100	0	\$0	6	\$396	230	\$26,214

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. (90%)		Bidding & Award		Const. Admin.		Record Documents		TOTAL	
	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Cost
Mead & Hunt, Inc.																
Not to Exceed Reimbursable Fee	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Not to Exceed Reimbursable Expenses		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Sub-Total Designer	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
CERM, Inc.																
Not to Exceed Reimbursable Fee		\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Not to Exceed Reimbursable Expenses		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Sub-Total Subconsultant No. 1	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
The Omega Group, Inc.																
Not to Exceed Reimbursable Fee	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Not to Exceed Reimbursable Expenses		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Sub-Total Subconsultant No. 2	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
John B. Webb and Associates																
Not to Exceed Reimbursable Fee	33.5	\$4,035.00	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	33.5	\$4,035.00
Not to Exceed Reimbursable Expenses		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Sub-Total Subconsultant No. 3	33.5	\$4,035.00	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	33.5	\$4,035.00
NADIC Engineering																
Not to Exceed Reimbursable Fee	47.5	\$5,735.50	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	47.5	\$5,735.50
Not to Exceed Reimbursable Expenses		\$5,616.00		\$0		\$0		\$0		\$0		\$0		\$0		\$5,616.00
Sub-Total Subconsultant No. 4	47.5	\$11,351.50	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	47.5	\$11,351.50
Subconsultant No. 5																
Not to Exceed Reimbursable Fee	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Not to Exceed Reimbursable Expenses		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Sub-Total Subconsultant No. 5	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Total Not to Exceed Amount:	81	\$15,386.50	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	81.0	\$15,386.50

John B. Webb and Associates

1

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

Position:	SENIOR PROJECT MANAGER		REGISTERED SURVEYOR		FIELD SURVEY CREW		SURVEY TECH II		SURVEY TECH I		TECHNICAL ASSISTANT		TOTAL	
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost
Rate (\$/Hour):		\$144		\$132		\$134		\$96		\$75		\$48		
Bidding and Award														
Resolve 95% Comments on Drawings/ Specs/Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Prepare/Reproduce/Distribute Bid Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Prepare/Reproduce/Distribute Bid Addenda	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Attend/Minute Pre-Bid Meeting	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Attend/Minute Bid Opening	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Prepare Bid Tabulation/Recommendation	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Bidding and Award	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Construction Administration														
Prepare/Reproduce/Distribute Confirmed Documents/Drawings	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Attend Pre-NTP Meeting	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Attend Pre-Construction Conference	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Attend JCMs	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Site Visits/Check-Ac-Built/ Site-Visit Reports	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Review Contractor's Submittals	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Review Contractor's Invoices	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Review C.O.s	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Substantial Completion Inspection	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Final Completion Inspection	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Construction Administration	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Closeout														
Prepare Record Drawings/Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Closeout	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
TOTAL NOT TO EXCEED REIMBURSABLE FEE:	1.5	\$216	3	\$396	21	\$2,814	3	\$288	3	\$225	2	\$96	33.5	\$4,035

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-5
BREAKDOWN OF NOT TO EXCEED REIMBURSABLE FEES

Nadic Engineering													
Position:													
	PRINCIPAL ENGINEER		SENIOR PROJECT MANAGER		PROJECT ENGINEER/GEOLOGIST		ENGINEER/GEOLOGIST		SENIOR CADD/IGS SUPPORT		CLERICAL		TOTAL
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	
Rate (\$/Hour):	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	Avg. Hourly Rate
													#DIV/0!
Preliminary Design													
Geotechnical Testing Services	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	
Acquire the necessary soils and existing pavement investigation data, including borings, pavement cores, and test pits, as well as field and laboratory tests, to identify existing pavement conditions and subsurface soil characteristics	0	\$0	1	\$169	2	\$278	0	\$0	0	\$0	0	\$0	
Coordinate with ORL personnel and attend pre-work safety meeting	0	\$0	1	\$169	1.5	\$209	1	\$87	0	\$0	0	\$0	\$447
Coordinate the staking of boring locations at the site with the project surveyor	0	\$0	0	\$0	0.5	\$70	0	\$0	2	\$148	0	\$0	\$465
Clear utilities at the boring locations with Sunshine One Call and GOAA	0	\$0	0	\$0	0.5	\$70	0	\$0	3	\$222	0	\$0	\$218
Mobilize rotary drilling equipment/personnel.	0	\$0	0	\$0	0	\$0	0	\$0	1	\$74	0	\$0	\$292
Conduct 4" Standard penetration borings to 10 feet in the Apron Phase 1A area	0	\$0	0	\$0	1	\$139	0	\$0	2	\$148	0	\$0	\$74
Obtain 4" cores through existing pavement to determine depth of asphalt surface and base course	0	\$0	0	\$0	1	\$139	0	\$0	2	\$148	0	\$0	\$287
Perform routine laboratory soil classification tests (moisture content, Atterberg Limits and/or sieve analyses tests) to supplement visual soil classification	0	\$0	0	\$0	0	\$0	2	\$174	0	\$0	0	\$0	\$287
Perform 1 California Bearing Ratio (CBR) tests for each of the soil types encountered beneath the new pavement areas	0	\$0	1	\$169	2	\$278	2	\$174	0	\$0	0	\$0	\$174
Geotechnical Analysis & Report	1	\$172	6	\$1,014	10	\$1,390	0	\$0	4	\$296	0	\$0	\$133
													\$137
Sub-Total Preliminary Design	1	\$172	9	\$1,321	18.5	\$2,571.50	5	\$435	14	\$1,036	0	\$0	\$5,735.50
Schematic Design (30%)													
Prepare Preliminary Drawings	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$121
Prepare Preliminary Specifications	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Surveying	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Geotechnical Investigation & Analysis	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Update/Reconcile Opinion of Probable Const. Cost	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Sub-Total Schematic Design (30%)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Design Development (60%)													
Develop Drawings	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Develop Specifications	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Prepare Construction Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Update/Reconcile Opinion of Probable Const. Cost	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Sub-Total Design Development (60%)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Construction Documents (90%)													
Complete Drawings	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Complete Specifications	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Complete Construction Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Update/Reconcile Opinion of Probable Const. Cost	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Sub-Total Construction Documents (90%)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0

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

Position:	PRINCIPAL ENGINEER		SENIOR PROJECT MANAGER		PROJECT ENGINEER/GEOLOGIST		ENGINEER/GEOLOGIST		SENIOR CADD/IGS SUPPORT		CLERICAL		TOTAL	
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost
Rate (\$/Hour):	\$172		\$169		\$139		\$87		\$74		\$50			
Bidding and Award														
Resolve 95% Comments on Drawings/ Specs/Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Prepare/Reproduce/Distribute Bid Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Prepare/Reproduce/Distribute Bid Addenda	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Attend/Minute Pre-Bid Meeting	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Attend/Minute Bid Opening	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Prepare Bid Tabulation/Recommendation	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Bidding and Award	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Construction Administration														
Prepare/Reproduce/Distribute Confirmed Documents/Drawings	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Attend Pre-KTP Meeting	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Attend Pre-Construction Conference	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Attend JCMs	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Site Visit/Check As-Built/Site Visit Reports	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Review Contractor's Submittals	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Review Contractor's Invoices	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Review C.O.s	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Substantial Completion Inspection	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Final Completion Inspection	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Construction Administration	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Closeout														
Prepare Record Drawings/Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Other Activities (List)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Closeout	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
TOTAL NOT TO EXCEED REIMBURSABLE FEE:	1	\$172	9	\$1,521	18.5	\$2,571.50	5	\$435	14	\$1,036	0	\$0	47.5	\$5,735.50
														\$121

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

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.

Geotechnical Testing Expenses (Nadic Engineering

Field and Lab Testing Expenses

Field Testing

Task	Quantity	Unit	Unit Cost	Total Cost
A. Mobilization / Demobilization- Truck Mounted Drill Rig (50-mile radius)	0.5	LS	\$550.00	\$275.00
B. Mobilization / Demobilization- Asphalt Coring Equipment (50-mile radius)	0.5	LS	\$380.00	\$190.00
C. MOT Portable Sign	2	Each	\$55.00	\$110.00
D. MOT Provide Channeling Devices- Cone	30	Each	\$5.00	\$150.00
E. GPS Rental	0.5	Day	\$80.00	\$40.00
F. Standard Penetration Test (SPT) Borings (0-50'), Land	40	Foot	\$16.50	\$660.00
G. Asphalt Core, Clean and Patch (<9" Thickness)	4	Each	\$236.00	\$944.00
H. Drill Rig Stand-by	2	Hour	\$225.00	\$450.00
I. Grout Bore Holes	40	Foot	\$8.20	\$328.00
J. CBR Sample Collection	1	Hour	\$74.00	\$74.00
K. MOT/Field Support Vehicle	8	Hour	\$120.00	\$960.00

Laboratory Testing

Task	Quantity	Unit	Unit Cost	Total Cost
A. Moisture Content (ASTM D 2216)	4	Each	\$18.50	\$74.00
B. Grain Size Analysis/Fines Content (ASTM C-136)	4	Each	\$120.00	\$480.00
C. Liquid Limit, Plastic Limit and Plasticity Index of Soils (ASTM D 4318)	3	Each	\$110.00	\$330.00
D. Standard/Modified Proctor Test (ASTM D-698 or ASTM D-1557)	1	Each	\$180.00	\$180.00
E. California Bearing Ratio (CBR)	1	Each	\$371.00	\$371.00

Field and Laboratory Total Expenses \$5,616.00

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
CERM, Inc.	Orlando, FL	Ramp Striping and Construction Phasing	\$16,540.00	12.37%
The Ohmega Group, Inc.	Jacksonville, FL	Ramp Lighting	\$26,214.00	19.61%
John B. Webb and Associates	Orlando, FL	Topographic Survey	\$4,035.00	3.02%
NADIC Engineering	Orlando, FL	Geotechnical Testing	\$11,351.50	8.49%
TOTAL PROPOSED PARTICIPATION			\$58,140.50	43.50%

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-8
LIST OF ANTICIPATED DRAWINGS SHEETS

<u>DRAWING DESCRIPTION</u>	<u>NO. OF SHEETS</u>	<u>CONSULTANT</u>
Cover	1	Mead & Hunt
Index of Drawings and Summary of Quantities	1	Mead & Hunt
Legend, Abbreviations, General Notes	1	Mead & Hunt
Project Location Plan	1	Mead & Hunt
Existing Conditions	1	Mead & Hunt
Soil Boring Logs	1	Mead & Hunt
Demolition Plan	1	Mead & Hunt
Geometry/Site Plan	1	Mead & Hunt
Typical Sections and Paving Details	2	Mead & Hunt
Grading and Drainage Plan	1	Mead & Hunt
Drainage Details	1	Mead & Hunt
Erosion Control Plan	1	Mead & Hunt
Erosion Control Details	1	Mead & Hunt
Striping Plan	1	CERM
Striping Details	1	CERM
Cross Sections	2	Mead & Hunt
Phasing Plan	2	Mead & Hunt / CERM
Contractor Layout Plan	1	Mead & Hunt / CERM
Safety and Security Notes	1	Mead & Hunt / CERM
Electrical Notes, Symbols, and Abbreviations	1	The Ohmega Group, Inc.
Electrical Site Demolition Plan	1	The Ohmega Group, Inc.
Electrical Site Plan	1	The Ohmega Group, Inc.
Electrical Details	1	The Ohmega Group, Inc.
Electrical Schedule and One-Line Diagrams	1	The Ohmega Group, Inc.
TOTAL:	27	

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
Mead & Hunt, Inc.	Principal	\$338.00
	QC Reviewer	\$250.00
	Sr. Project Manager	\$262.00
	Sr. Engineer	\$187.00
	Project Manager	\$160.00
	Engineer	\$155.00
	Engineer Intern	\$100.00
	CADD Technician	\$99.00
CERM, Inc.	Sr. Administrative Assistant	\$77.00
	Senior Project Manager	\$150.00
	Senior Engineer	\$151.00
	CADD Tech	\$78.00
	Clerical	\$59.00
	Principal	\$185.00
	Senior Engineer	\$153.00
	QC Reviewer	\$138.00
The Ohmega Group, LLC	Senior CADD Designer	\$86.00
	CADD Technician	\$75.00
	Clerical	\$66.00

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-9
CONTRACT HOURLY RATES

John. B Webb and Associates	Senior Project Manager	\$144.00
	Registered Surveyor	\$132.00
	Field Survey Crew	\$134.00
	Survey Tech II	\$96.00
	Survey Tech I	\$75.00
	Technical Assistant	\$48.00
Nadic Engineering		
	Principal Engineer	\$172.00
	Senior Project Manager	\$169.00
	Senior Engineer / Geologist	\$159.00
	Project Engineer / Geologist	\$139.00
	Engineer / Geologist	\$87.00
	Senior CADD/GIS Support/Senior Eng Tech	\$74.00
	Engineering Tech II	\$59.00
	Clerical	\$50.00

ATTACHMENT D
SURVEY AND GEOTECHNICAL TESTING EXHIBITS



LEGEND



PHASE 1B = 90,000 SF



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: Mead & Hunt, Inc.

By: 

Print Name: Dave Schmidgall, PE- Project Manager

Date: 12/27/2022



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

MEMORANDUM

TO: Members of the Aviation Authority

FROM: Max E. Marble, Chair, Construction Committee

DATE: April 19, 2023

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve an Addendum to the Professional Services Agreement with Mead & Hunt, Inc. for Design Phase Architect/Engineer (A/E) Services for Project Bid Package (BP) No. 00047, ORL East Ramp Rehabilitation – Phase 1B, at the Orlando Executive Airport (ORL)

BACKGROUND

In 2021, the Aviation Authority publicly advertised for design services for ORL East Ramp, Phases 1, 2 and 3, and Taxiways A, B and E4 Rehabilitation, at the Orlando Executive Airport.

On January 19, 2022, the Aviation Authority Board approved the award of a Professional Services Agreement with (a) Mead & Hunt, Inc. for Design Services for ORL East Ramp, Phases 1, 2 and 3, at the Orlando Executive Airport; and, (b) the award of a Professional Services Agreement with C&S Engineers, Inc. for Design Services for ORL Taxiways A, B and E4 Rehabilitation at the Orlando Executive Airport.

ISSUES

BP No. 00047 consists of the rehabilitation of the existing East Ramp at ORL as identified in the Florida Department of Transportation (FDOT) 2019 Airfield Pavement Management Program report. Construction work will generally include mill and overlay for the existing asphalt pavement including reconstruction for some isolated distressed areas, associated markings, lighting and signage at ORL.

A fee has been negotiated with Mead & Hunt, Inc. for a total amount of \$133,658.50, to provide design phase A/E services for BP No. 00047. The scope of services includes, but is not limited to, project surveys, geotechnical/site investigations, utility verification, evaluation of potential impacts to aircraft flow during construction and runway closure, project design, preparation of bid documents (i.e., 60%, 90% and 100%), cost estimates, permitting documents, engineer's report, construction safety and phasing plan, project schedule, and as-built research.

The Aviation Authority has reviewed the proposal from Mead & Hunt, Inc., and determined that Mead & Hunt, Inc. proposes to achieve 43.5% Disadvantaged Business Enterprise (DBE) participation for these services and certifies that Mead & Hunt, Inc. is in good standing as it relates to its small business participation.

On January 24, 2023, the Construction Committee recommended approval of an Addendum to the Professional Services Agreement with Mead & Hunt, Inc. for Design Phase A/E Services for BP No. 00047, ORL East Ramp Rehabilitation – Phase 1B, at the Orlando Executive Airport, as outlined in the memorandum.

On March 20, 2023, the Orlando City Council accepted the grant offered by the Federal Aviation Administration (FAA) for \$120,292 for BP No. 00047. The acceptance of this FAA grant included the associated contracts.

SMALL BUSINESS

N/A

ALTERNATIVES

None

FISCAL IMPACT

The fiscal impact is \$133,658.50. Funding is from future FAA and FDOT Grants to the extent eligible and previously-approved ORL Revenue Funds.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept the recommendation of the Construction Committee and (1) approve an Addendum to the Professional Services Agreement with Mead & Hunt, Inc. for Design Phase A/E Services for BP No. 00047, ORL East Ramp Rehabilitation – Phase 1B, at the Orlando Executive Airport, for a total amount of \$133,658.50, which includes a lump sum fee amount of \$118,272, a not-to-exceed fee amount of \$9,770.50, and a not-to-exceed reimbursable expenses amount of \$5,616, with funding from future FAA and FDOT Grants to the extent eligible and previously-approved ORL Revenue Funds; (2) request Orlando City Council concurrence, as required because of FAA funding; and, (3) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel.