

**ADDENDUM NO. 3
TO THE AGREEMENT DATED JANUARY 4, 2021
BETWEEN THE GREATER ORLANDO AVIATION AUTHORITY
AND LEA & ELLIOTT, INC.**

Project: Airside 2 & 4 APM System Replacement Programming and Procurement, Orlando International Airport

THIS ADDENDUM is effective this 19th day of January, 2022, by and between the **GREATER ORLANDO AVIATION AUTHORITY** ("Authority"), and **LEA & ELLIOTT, INC.** ("Consultant").

WITNESSETH:

WHEREAS, by Agreement dated January 4, 2021, Authority and Consultant entered into an agreement for Consultant to provide Specialty Automated People Mover (APM) and Passenger Rail Systems 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 **NOT TO EXCEED** amount of **THREE HUNDRED EIGHTY-EIGHT THOUSAND SIX HUNDRED THIRTY-SIX AND NO/100 DOLLARS (\$388,636.00)**, broken down as follows:

Professional Fees:	NTE:	\$388,636.00
Professional Fees:	LS:	\$0.00
Reimbursable Expenses:	NTE:	<u>\$0.00</u>
Total:		\$388,636.00

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 January 4, 2021 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 26 day of January, 2022.

GREATER ORLANDO AVIATION AUTHORITY

By: _____

Thomas W. Draper
Acting Chief Executive Officer

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

this 25 day of Jan, 2022

By: _____

NELSON MULLINS BROAD AND
CASSEL, Legal Counsel
Greater Orlando Aviation Authority

LEA & ELLIOTT, INC.

By: _____

Signature (Duly Authorized Rep.)

Daniel J. McFadden

Printed Name

Principal

Title

**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, Director of Construction
(Prepared by Nils Johnson)

Date: January 4, 2022

Re: Request for Recommendation of Approval of an Addendum to the Specialty APM and Passenger Rail Consultant Services Agreement with Lea + Elliot, Inc. to provide Design Criteria and Specialty APM Consulting Services for Airside 2 & 4 APM System Replacement Programming and Procurement at Orlando International Airport

Consultant's proposal, dated December 27, 2021, is to provide Design Criteria and Specialty Automated People Mover (APM) and Passenger Rail systems Consulting Services for the Airside 2 and 4 APM Replacement Program as further described within the proposal.

If approved, these services would be effective the date of Authority Board 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. Funding source verified by Andrea Harper 310.111.210.5660003.000.501346 of Construction Finance on 12 / 28 / 21 as correct and available.

It is respectfully requested that the Construction Committee recommend to the Aviation Authority Board approval of an Addendum to the Specialty APM and Passenger Rail Consultant Services Agreement with Lea + Elliott, Inc. for the services contained herein and amount as shown below:

Not to Exceed Fees	\$388,638.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$0.00
TOTAL	\$388,638.00
AAC – Compliance Review Date	ZTG 12/27/2021
AAC – Funding Eligibility Review Date (or indicate Not Applicable)	N/A

req 90552



December 27, 2021

LE-GOAA-NCP-1344-0009

Gary Hunt
Director of Maintenance
Orlando International Airport - Maint Dept.
8550 Casa Verde Road
Orlando, FL 32827-4329

SUBJECT: Lea+Elliott Proposal for Specialty Automated People Mover (APM) and Passenger Rail Systems Consulting Services - Airside 2 & 4 APM System Replacement Programming and Procurement

Dear Mr. Hunt,

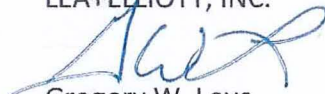
Lea+Elliott is pleased to provide you with our proposal to perform Specialty Automated People Mover (APM) and Passenger Rail Systems Consulting Services related to the Programming and Procurement of the Airside 2 & 4 APM System Replacement Program at Orlando International Airport. Attached are the Scope of Work descriptions of the proposed work and the associated spreadsheet breakdown of the proposed fees. Lea+Elliott is uniquely qualified to provide these value added services to the Authority based on our in-depth knowledge, experience, and lessons learned given our extensive involvement with the APM Systems at the Orlando International Airport.

We are pleased that we have been able to identify DBE participation for this work. Unfortunately, the DBE firm appropriately selected for this effort is still pending approval of their billing rates from GOAA. Due to the limited scope associated with the work, it is anticipated that we will only be able to meet a small percentage of the required DBE participation. The overall DBE participation will be provided with the revised proposal that will include the GOAA approved DBE billing rates.

We appreciate the opportunity to be of service to GOAA on this very important Task and look forward to continued success in working together with you. Should you have any questions or comments please contact me.

Sincerely,

LEA+ELLIOTT, INC.



Gregory W. Love
Senior Associate

Attachments

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INTRODUCTION

The Greater Orlando Aviation Authority (GOAA) is currently considering undertaking a Capital Improvement Program at the Orlando International Airport (OIA) that includes the replacement of the existing APM trains serving Airside 2 & 4. The scope of work for the APM Contractor comprises the replacement of the Operating System and modification of related Fixed Facilities. Completion of the Airside 2 & 4 replacement is anticipated by the end of 2026.

All modifications to the existing Airside 2 & 4 infrastructure for the 'Fixed Facilities' will be designed and constructed by the APM Contractor in close coordination with GOAA. The APM Contractor will provide the 'Operating System' for the Airside 2 & 4 APM System through a Design-Build-Operate and Maintain (DBOM) arrangement. Similar to the work performed for the recent replacement of the Airside 1 & 3 APM systems at OIA, the APM Contractor's work will include the design, manufacture, installation, integration, testing and commissioning, and safety certification of the APM Operating System equipment which includes:

- vehicles/trains.
- guidance equipment.
- guideway running surface.
- communications equipment.
- command and control equipment.
- station equipment that will include upgrade or replacement of the station door system.
- a power distribution system.
- supporting equipment for maintenance facility operations.
- public information and CCTV systems.

Presented herein is Lea+Elliott's proposed Scope of Work for the Specialty APM and Passenger Rail Systems Consulting Services to support GOAA during the procurement phase of the Airside 2 & 4 APM System replacement at OIA. The scope of work is divided into two (2) main Phases: 1) **Programming Phase** and 2) **Procurement Phase**.

PROPOSED SCOPE OF WORK FOR SPECIALTY APM AND PASSENGER RAIL SYSTEMS CONSULTING SERVICES – PROGRAMMING and PROCURMENT

1. PROGRAMMING PHASE - DEFINITION AND STARTUP

1.1 Program Plan for Airside 2 & 4 APM Replacement

Lea+Elliott will develop a comprehensive program plan to replace the Airside 2 & 4 APM Systems. At the present time, it is assumed that GOAA will want to follow the same replacement plan as was done for the BP-S100 APM OPERATING SYSTEM (OS) FOR AIRSIDE 1, AIRSIDE 3, AND SOUTH AIRPORT APM COMPLEX Phase 1 project with the following elements expected to be replaced: vehicles, train control, guideway equipment, Central Control, power distribution substation equipment, emergency generators, blue light stations, and running surface. Lea+Elliott also expects the following Airside 2 & 4 APM System elements to be modified: Maintenance and Storage Facility (M&SF), central control room, and equipment rooms.

Lea+Elliott will conduct the following activities to confirm the preferred program for the Airside 2 & 4 APM Replacement.

- Coordinate with the Owner's Authorized Representative (OAR) to confirm that the Airside 2 & 4 APM System replacements will require the system capacity that is the same as the existing or better which will be included as part of the performance-based specifications for the APM replacements.
- Coordinate with OAR to obtain A2 and B4 drawings of station facilities including platforms, guideway, and vehicle interfaces. Review station layouts and elevations of guideway versus platform to determine the APM technologies that can fit within the constraints of the existing facilities without major modification.
- Review the existing O&M contract and renewal options to define challenges and opportunities related to bundling the APM replacement and potential for competitive procurement for the replacement and O&M services.
- Review and finalize/refine ROM estimates based on latest work scope.
- Present findings and recommended program for replacement technology for GOAA's consideration and approval.

Note that much of the above tasks will be performed with due consideration of knowledge gained during the Airside 1 & 3 replacement project and from lessons learned from that project.

1.2 Develop Project Plan and Budget

Assist GOAA and the project management team in undertaking project start-up tasks and establishing administrative benchmarks as they relate to the Airside 2 & 4 APM Project including:

- Budget.

- Schedule.

1.3 Provide Input to Update the System Safety Program Plan (SSPP)

Lea+Elliott will provide input and assist GOAA in updating the System Safety Program Plan (SSPP) as required.

1.4 Identify Preferred Procurement Approach

Lea+Elliott will perform an assessment of the available procurement replacement approaches for the Airside 2 & 4 APM Systems including options for phasing the APM replacement work, O&M phases, and include the associated cost estimates of the Project. One of the objectives of this task will be to identify strategies that maximize flexibility for GOAA in phasing and implementing the Project with consideration to schedule and/or budget constraints. This task is critical especially if the Airside 2 & 4 APM System replacement technology and O&M staffing may be different from the existing original equipment manufacturer (OEM) and O&M staffing. The outcome of this task will provide direct input to the preparation of the APM Contractor Design Criteria Documents.

2. PROCUREMENT PHASE

Official administration of the procurement is expected to be managed by a GOAA contracts officer. Lea+Elliott, as the Specialty APM System Consultant, will assist with the administration of the procurement by monitoring adherence to procurement plans and procedures. The Specialty APM System Consultant will also document the procurement process and prepare regular updates of the procurement process, to include all official actions and decisions. In addition, the Specialty APM System Consultant will provide GOAA with a Documentation Plan for indexing, filing, and maintaining the records of the procurement process once the procurement is officially initiated. It is assumed that all persons and entities participating in the procurement will follow the same plan in maintaining their records.

Based on GOAA's selected procurement approach for the Project, Lea+Elliott will perform the following tasks during the procurement phase of the Project.

2.1 Prepare RFQ Documents

If a two-step procurement approach is selected, Lea+Elliott will perform the following to assist GOAA during the initiation of the Request for Qualifications (RFQ) Prequalification process for the APM Contractor:

- Prepare Statement of Qualifications (SOQ) advertisement.
- Prepare instructions for Request for Qualifications (RFQ) including the pre-qualification criteria.
- Conduct industry outreach activities to encourage interest in the bid/competition amongst the APM System Suppliers.

Note that GOAA may consider foregoing the RFQ and utilize the results of the A1/B3 APM replacement RFQ. In a one step process the Request for Proposal (RFP) would be issued and would also include

qualification criteria which would be included as part of the evaluation of proposals and ranking of proposals. This would need to be coordinated with GOAA legal.

2.2 Prepare APM Contractor Design Criteria Documents

The Design Criteria Documents for Airside 2 & 4 APM Projects will be prepared in conformance with the approved procurement approach and consist of the following:

- Instructions for Bid submittals including:
 - Technical Data to be submitted to define the proposed APM Operating System(s).
 - Technical data evaluation criteria.
 - Pricing forms for the APM Operating System at a sub-system level, and Pricing forms for the follow-on Operations and Maintenance services that will initiate upon start of passenger service.
 - Evaluation Criteria.
- General Provisions – Lea+Elliott will review the GOAA boiler plate front end sections to provide comments and suggestions in an effort to ensure that the RFP documents are well coordinated without conflicts, especially between the General Provisions and the Special Provisions prepared by Lea+Elliott. These will be submitted to GOAA for their review and legal concurrence.
- Technical Provisions - performance and functional specifications.
- Special Provisions - governs the Contractors work activities, designs, and reviews and establishes the APM Contractor's Scope of Work and interfaces with work by others as to the APM Operating System. The special provisions will complement the general provisions.
- Operating and Maintenance Provisions - governs operation and maintenance services after Substantial Completion.
- Reference Drawings and Data - identifies project plans, site-specific information, and includes data provided by GOAA related to the existing Airside 2 & 4 APM System.

These documents will be prepared in two stages as follows: Note that these tasks can be streamlined as much as possible by utilizing the Design Criteria Package (DCP) from the BP-S100 APM OPERATING SYSTEM (OS) FOR AIRSIDE 1, AIRSIDE 3, AND SOUTH AIRPORT APM COMPLEX Phase 1 project.

2.2.1 Preliminary APM Design Criteria Package

A preliminary APM Design Criteria Package (DCP) will be submitted to GOAA staff for review about midway through the DCP preparation process. The preliminary DCP will include general form and content for early review and input by GOAA to ensure the documents reflect GOAA's general procurement approach for the Project and any technical or program issues are identified and addressed. Legal input will also be sought regarding the form and content of the general provisions as appropriate. It is anticipated that the form and content will be largely the same as that provided for the BP-S100 APM OPERATING SYSTEM (OS) FOR AIRSIDE 1, AIRSIDE 3, AND SOUTH AIRPORT APM COMPLEX Phase 1 project.

Following the receipt of the initial GOAA and legal review input/direction, it is expected that the various sub-parts of the DCP will be submitted to GOAA separately, and as they approach a further level of completion to facilitate an informed review. In addition, regular meetings will be held with GOAA staff to actively and real-time inform on issues and to seek policy direction as appropriate.

The goal is to develop and submit for review documents that have integrated feedback received at various levels of completion.

2.2.2 Final APM Design Criteria Package

A final set of documents will be submitted to GOAA for a final review before they are issued as part of the APM Contractor Selection process. Lea+Elliott will update documents as needed to address any final comments.

PROPOSED BUDGET

The proposed budget to support the above work is identified in Attachment 1a. This task will be led by Mr. Gregory Love with the support of Mr. Daniel McFadden. This task will also be supported by a team of Lea+Elliott experts, as needed, to successfully complete this task. In addition to the Lea+Elliott team identified above, Lea+Elliott anticipates utilizing the DBE firm, Sanjeev Shah Inc. (SSI), to provide review and quality assurance (QA) of the DCP documents developed by Lea+Elliott and assist with coordination with GOAA legal in the development and incorporation of the RFP front end documents. Unfortunately, at this time, the billing rates for the proposed DBE company (SSI) is still pending GOAA's approval. In light of the above, this proposal does not reflect SSI's participation in this effort; however, Lea+Elliott believes that SSI's role is important in the overall success of this effort and also with achieving the DBE goals identified by GOAA. Based on this, Lea+Elliott kindly requests the opportunity to revise this proposal to reflect SSI's participation once SSI's rates have been approved by GOAA.

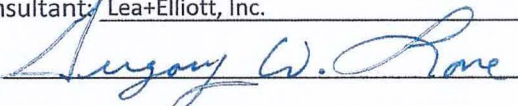
ATTACHMENT-1a									
SPECIALTY APM and PASSENGER RAIL SYSTEMS CONSULTANT SERVICES - PROPOSED BUDGET AIRSIDE 2 & 4 APM SYSTEMS REPLACEMENT PROJECT - PROGRAMMING AND PROCUREMENT ORLANDO INTERNATIONAL AIRPORT									
DATE: December 27, 2021									
Subtask Description	Senior Project Manager	Senior Consultant / Project Manager	Engineer 3	Engineer 2	Engineer / CAD	Senior Administrative Asst	Senior Project Manager	Hours	Dollars
Organization	L+E	L+E	L+E	L+E	L+E	L+E	SSI		
Specialty APM Consultant's Tasks									
1.0 PROGRAMMING PHASE - DEFINITION AND STARTUP									
Task 1.1 Program Plan for Airside 2 & 4 APM Replacement	50	30	20	20	20	5	0	145	\$32,195.00
Task 1.2 Develop Project Plan and Budget	20	30	16	0	20	5	0	91	\$19,517.00
Task 1.3 Provide Input to Update the System Safety Program Plan (SSPP)	5	5	0	2	0	5	0	17	\$3,446.00
Task 1.4 Identify Preferred Procurement Approach	50	30	10	10	0	0	0	100	\$26,030.00
2.0 PROCUREMENT PHASE									
Task 2.1 Prepare RFQ Documents	60	40	20	20	20	20	0	180	\$38,880.00
Task 2.2 Prepare APM Contractor Design Criteria Documents	60	40	40	40	20	20	0	220	\$45,880.00
Task 2.2.1 Preliminary APM Design Criteria Package	120	120	110	110	40	25	0	525	\$111,345.00
Task 2.2.2 Final APM Design Criteria Package	120	120	110	110	40	25	0	525	\$111,345.00
TOTAL HOURS	485	415	326	312	160	105	0	1,803	
TOTAL LABOR COST	\$144,045	\$106,240	\$65,852	\$46,176	\$18,240	\$8,085	\$0		\$388,638.00
TOTAL									\$388,638.00
DBE Participation									
Organization	Certification								Participation
SSI	DBE								TBD
Total									TBD

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: Lea+Elliott, Inc.

By: 

Print Name: Gregory W. Love

Date: 12/27/2021



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 04, 2022

Re: Request for Recommendation of Approval of an Addendum to the Specialty APM and Passenger Rail Consultant Services Agreement with Lea + Elliot, Inc. to provide Design Criteria and Specialty APM Consulting Services for Airside 2 & 4 APM System Replacement Programming and Procurement at Orlando International Airport

The Small Business Development Department has 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, Lea + Elliot, Inc. does not propose any small business participation at this time. However, Lea + Elliot, Inc., commits to utilize the DBE/MWBE firm Sanjeev Shah, Inc. (SSI) to provide review and quality assurance. The small business participation will be provided once the billing rates for SSI are approved by GOAA.



Memorandum

To: Members of the Construction Committee

From: Scott Shedek, Director of Construction
(Prepared by Nils Johnson)

Date: January 4, 2022

Re: Request for Recommendation of Approval of an Addendum to the Specialty APM and Passenger Rail Consultant Services Agreement with Lea + Elliot, Inc. to provide Design Criteria and Specialty APM Consulting Services for Airside 2 & 4 APM System Replacement Programming and Procurement at Orlando International Airport

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If approved, these services would be effective the date of Authority Board approval.

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

310.111.210.5660003.000.501346

Funding is from previously approved Capital Expenditure and General Airport Revenue Bonds. Funding source verified by

Andrea Harper of Construction Finance on 12 / 28 / 21 as correct and available.

It is respectfully requested that the Construction Committee recommend to the Aviation Authority Board approval of an Addendum to the Specialty APM and Passenger Rail Consultant Services Agreement with Lea + Elliott, Inc. for the services contained herein and amount as shown below:

Not to Exceed Fees	\$388,638.00
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Not to Exceed Expenses	\$0.00
TOTAL	\$388,638.00
AAC – Compliance Review Date	ZTG 12/27/2021
AAC – Funding Eligibility Review Date	12/27/2021

req 90552



December 27, 2021

LE-GOAA-NCP-1344-0009

Gary Hunt
Director of Maintenance
Orlando International Airport - Maint Dept.
8550 Casa Verde Road
Orlando, FL 32827-4329

SUBJECT: Lea+Elliott Proposal for Specialty Automated People Mover (APM) and Passenger Rail Systems Consulting Services - Airside 2 & 4 APM System Replacement Programming and Procurement

Dear Mr. Hunt,

Lea+Elliott is pleased to provide you with our proposal to perform Specialty Automated People Mover (APM) and Passenger Rail Systems Consulting Services related to the Programming and Procurement of the Airside 2 & 4 APM System Replacement Program at Orlando International Airport. Attached are the Scope of Work descriptions of the proposed work and the associated spreadsheet breakdown of the proposed fees. Lea+Elliott is uniquely qualified to provide these value added services to the Authority based on our in-depth knowledge, experience, and lessons learned given our extensive involvement with the APM Systems at the Orlando International Airport.

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We appreciate the opportunity to be of service to GOAA on this very important Task and look forward to continued success in working together with you. Should you have any questions or comments please contact me.

Sincerely,

LEA+ELLIOTT, INC.



Gregory W. Love
Senior Associate

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INTRODUCTION

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Presented herein is Lea+Elliott's proposed Scope of Work for the Specialty APM and Passenger Rail Systems Consulting Services to support GOAA during the procurement phase of the Airside 2 & 4 APM System replacement at OIA. The scope of work is divided into two (2) main Phases: 1) **Programming Phase** and 2) **Procurement Phase**.

PROPOSED SCOPE OF WORK FOR SPECIALTY APM AND PASSENGER RAIL SYSTEMS CONSULTING SERVICES – PROGRAMMING and PROCURMENT

1. PROGRAMMING PHASE - DEFINITION AND STARTUP

1.1 Program Plan for Airside 2 & 4 APM Replacement

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Lea+Elliott will perform an assessment of the available procurement replacement approaches for the Airside 2 & 4 APM Systems including options for phasing the APM replacement work, O&M phases, and include the associated cost estimates of the Project. One of the objectives of this task will be to identify strategies that maximize flexibility for GOAA in phasing and implementing the Project with consideration to schedule and/or budget constraints. This task is critical especially if the Airside 2 & 4 APM System replacement technology and O&M staffing may be different from the existing original equipment manufacturer (OEM) and O&M staffing. The outcome of this task will provide direct input to the preparation of the APM Contractor Design Criteria Documents.

2. PROCUREMENT PHASE

Official administration of the procurement is expected to be managed by a GOAA contracts officer. Lea+Elliott, as the Specialty APM System Consultant, will assist with the administration of the procurement by monitoring adherence to procurement plans and procedures. The Specialty APM System Consultant will also document the procurement process and prepare regular updates of the procurement process, to include all official actions and decisions. In addition, the Specialty APM System Consultant will provide GOAA with a Documentation Plan for indexing, filing, and maintaining the records of the procurement process once the procurement is officially initiated. It is assumed that all persons and entities participating in the procurement will follow the same plan in maintaining their records.

Based on GOAA's selected procurement approach for the Project, Lea+Elliott will perform the following tasks during the procurement phase of the Project.

2.1 Prepare RFQ Documents

If a two-step procurement approach is selected, Lea+Elliott will perform the following to assist GOAA during the initiation of the Request for Qualifications (RFQ) Prequalification process for the APM Contractor:

- Prepare Statement of Qualifications (SOQ) advertisement.
- Prepare instructions for Request for Qualifications (RFQ) including the pre-qualification criteria.
- Conduct industry outreach activities to encourage interest in the bid/competition amongst the APM System Suppliers.

Note that GOAA may consider foregoing the RFQ and utilize the results of the A1/B3 APM replacement RFQ. In a one step process the Request for Proposal (RFP) would be issued and would also include

qualification criteria which would be included as part of the evaluation of proposals and ranking of proposals. This would need to be coordinated with GOAA legal.

2.2 Prepare APM Contractor Design Criteria Documents

The Design Criteria Documents for Airside 2 & 4 APM Projects will be prepared in conformance with the approved procurement approach and consist of the following:

- Instructions for Bid submittals including:
 - Technical Data to be submitted to define the proposed APM Operating System(s).
 - Technical data evaluation criteria.
 - Pricing forms for the APM Operating System at a sub-system level, and Pricing forms for the follow-on Operations and Maintenance services that will initiate upon start of passenger service.
 - Evaluation Criteria.
- General Provisions – Lea+Elliott will review the GOAA boiler plate front end sections to provide comments and suggestions in an effort to ensure that the RFP documents are well coordinated without conflicts, especially between the General Provisions and the Special Provisions prepared by Lea+Elliott. These will be submitted to GOAA for their review and legal concurrence.
- Technical Provisions - performance and functional specifications.
- Special Provisions - governs the Contractors work activities, designs, and reviews and establishes the APM Contractor's Scope of Work and interfaces with work by others as to the APM Operating System. The special provisions will complement the general provisions.
- Operating and Maintenance Provisions - governs operation and maintenance services after Substantial Completion.
- Reference Drawings and Data - identifies project plans, site-specific information, and includes data provided by GOAA related to the existing Airside 2 & 4 APM System.

These documents will be prepared in two stages as follows: Note that these tasks can be streamlined as much as possible by utilizing the Design Criteria Package (DCP) from the BP-S100 APM OPERATING SYSTEM (OS) FOR AIRSIDE 1, AIRSIDE 3, AND SOUTH AIRPORT APM COMPLEX Phase 1 project.

2.2.1 Preliminary APM Design Criteria Package

A preliminary APM Design Criteria Package (DCP) will be submitted to GOAA staff for review about midway through the DCP preparation process. The preliminary DCP will include general form and content for early review and input by GOAA to ensure the documents reflect GOAA's general procurement approach for the Project and any technical or program issues are identified and addressed. Legal input will also be sought regarding the form and content of the general provisions as appropriate. It is anticipated that the form and content will be largely the same as that provided for the BP-S100 APM OPERATING SYSTEM (OS) FOR AIRSIDE 1, AIRSIDE 3, AND SOUTH AIRPORT APM COMPLEX Phase 1 project.

Following the receipt of the initial GOAA and legal review input/direction, it is expected that the various sub-parts of the DCP will be submitted to GOAA separately, and as they approach a further level of completion to facilitate an informed review. In addition, regular meetings will be held with GOAA staff to actively and real-time inform on issues and to seek policy direction as appropriate.

The goal is to develop and submit for review documents that have integrated feedback received at various levels of completion.

2.2.2 Final APM Design Criteria Package

A final set of documents will be submitted to GOAA for a final review before they are issued as part of the APM Contractor Selection process. Lea+Elliott will update documents as needed to address any final comments.

PROPOSED BUDGET

The proposed budget to support the above work is identified in Attachment 1a. This task will be led by Mr. Gregory Love with the support of Mr. Daniel McFadden. This task will also be supported by a team of Lea+Elliott experts, as needed, to successfully complete this task. In addition to the Lea+Elliott team identified above, Lea+Elliott anticipates utilizing the DBE firm, Sanjeev Shah Inc. (SSI), to provide review and quality assurance (QA) of the DCP documents developed by Lea+Elliott and assist with coordination with GOAA legal in the development and incorporation of the RFP front end documents. Unfortunately, at this time, the billing rates for the proposed DBE company (SSI) is still pending GOAA's approval. In light of the above, this proposal does not reflect SSI's participation in this effort; however, Lea+Elliott believes that SSI's role is important in the overall success of this effort and also with achieving the DBE goals identified by GOAA. Based on this, Lea+Elliott kindly requests the opportunity to revise this proposal to reflect SSI's participation once SSI's rates have been approved by GOAA.

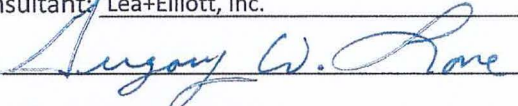
ATTACHMENT-1a									
SPECIALTY APM and PASSENGER RAIL SYSTEMS CONSULTANT SERVICES - PROPOSED BUDGET AIRSIDE 2 & 4 APM SYSTEMS REPLACEMENT PROJECT - PROGRAMMING AND PROCUREMENT ORLANDO INTERNATIONAL AIRPORT									
DATE: December 27, 2021									
Subtask Description	Senior Project Manager	Senior Consultant / Project Manager	Engineer 3	Engineer 2	Engineer / CAD	Senior Administrative Asst	Senior Project Manager	Hours	Dollars
Organization	L+E	L+E	L+E	L+E	L+E	L+E	SSI		
Specialty APM Consultant's Tasks									
1.0 PROGRAMMING PHASE - DEFINITION AND STARTUP									
Task 1.1 Program Plan for Airside 2 & 4 APM Replacement	50	30	20	20	20	5	0	145	\$32,195.00
Task 1.2 Develop Project Plan and Budget	20	30	16	0	20	5	0	91	\$19,517.00
Task 1.3 Provide Input to Update the System Safety Program Plan (SSPP)	5	5	0	2	0	5	0	17	\$3,446.00
Task 1.4 Identify Preferred Procurement Approach	50	30	10	10	0	0	0	100	\$26,030.00
2.0 PROCUREMENT PHASE									
Task 2.1 Prepare RFQ Documents	60	40	20	20	20	20	0	180	\$38,880.00
Task 2.2 Prepare APM Contractor Design Criteria Documents	60	40	40	40	20	20	0	220	\$45,880.00
Task 2.2.1 Preliminary APM Design Criteria Package	120	120	110	110	40	25	0	525	\$111,345.00
Task 2.2.2 Final APM Design Criteria Package	120	120	110	110	40	25	0	525	\$111,345.00
TOTAL HOURS	485	415	326	312	160	105	0	1,803	
TOTAL LABOR COST	\$144,045	\$106,240	\$65,852	\$46,176	\$18,240	\$8,085	\$0		\$388,638.00
TOTAL									\$388,638.00
DBE Participation									
Organization	Certification								Participation
SSI	DBE								TBD
Total									TBD

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: Lea+Elliott, Inc.

By: 

Print Name: Gregory W. Love

Date: 12/27/2021

**MEMORANDUM**

To: Members of the Construction Committee

From: Edelis Molina, Sr. Small Business Administrator

Date: January 04, 2022

Re: Request for Recommendation of Approval of an Addendum to the Specialty APM and Passenger Rail Consultant Services Agreement with Lea + Elliot, Inc. to provide Design Criteria and Specialty APM Consulting Services for Airside 2 & 4 APM System Replacement Programming and Procurement at Orlando International Airport

The Small Business Development Department has 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, Lea + Elliot, Inc. does not propose any small business participation at this time. However, Lea + Elliot, Inc., commits to utilize the DBE/MWBE firm Sanjeev Shah, Inc. (SSI) to provide review and quality assurance. The small business participation will be provided once the billing rates for SSI are approved by GOAA.



GREATER ORLANDO AVIATION AUTHORITY

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

MEMORANDUM

TO: Members of the Aviation Authority

FROM: Davin D. Ruohomaki, Chairman, Construction Committee

DATE: January 19, 2022

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve an Addendum to the Specialty Automated People Mover (APM) and Passenger Rail Systems Consulting Services Agreement with Lea & Elliott, Inc. for Design Criteria and Specialty APM Consulting Services for Airsides 2 and 4 APM System Replacement Programming and Procurement at the Orlando International Airport

BACKGROUND

On December 9, 2020, the Aviation Authority Board approved the Specialty Automated People Mover (APM) and Passenger Rail Systems Consulting Services Agreement with Lea & Elliott, Inc. at the Orlando International Airport (MCO). This agreement provides specific expertise and experience with both APM and passenger rail (i.e., light rail, commuter rail and intercity rail systems) systems and associated infrastructure, including guideway and rail systems, stations, signal, command and control systems, utility systems, maintenance facilities and other infrastructure requirements. The Services will include, but are not limited to, planning, concept development and feasibility studies for new or modernization/ expansion of existing systems; assessment of differing/alternative technologies; cost estimating; preparation of preliminary and final design documents; development of project schedules and budgets; computer modeling and simulation of systems and stations, including platform flows and passenger demand; development of interface criteria and coordination for related facilities; preparation of performance specifications; preparation and/or review of technical documents including design drawings and documents, software documentation, operating and maintenance manuals and test reports; development of procurement methodologies and contract documents, including soliciting and evaluating systems suppliers' qualifications, technical and cost proposals, proposals for operations and maintenance; contract negotiation; design oversight and technical review, technical monitoring and test oversight during system construction and implementation; supervision/analysis of system verification and acceptance tests; post- operational assessments of system performance in terms of safety, security, and reliability, maintainability and availability; administration of and compliance with the Florida Department of Transportation (FDOT) System Safety Program Plan (SSPP); assistance with evaluation of operations, maintenance, and life cycle cost issues and development of solutions to resolve these issues; and all other related tasks including the extension or integration of APM and/or passenger rail systems into new and existing facilities and properties, including non-contiguous properties operated by the Aviation Authority, and the coordination of APM and/or passenger rail systems with other modes of ground transportation.

The services may also include, but are not limited to, civil, structural, mechanical and electrical engineering design; utilities and infrastructure design; surveying; geotechnical; evaluation and documentation of existing conditions; verification of as-built conditions including field verification of all existing above and underground utilities; cost estimating and scheduling; technical studies; preliminary

and final design; permitting; bidding and award; construction administration and resident engineering; and all other related services.

ISSUES

A fee has been negotiated with Lea & Elliott, Inc. for a total amount of \$388,638 for Design Criteria and Specialty APM Consulting Services for Airsides 2 and 4 APM System Replacement Programming and Procurement at the Orlando International Airport. The Aviation Authority is currently considering the replacement of the existing APM trams that serve Airsides 2 and 4, and will include the Operating System and modification of related Fixed Facilities. Completion of this replacement is anticipated by the end of 2026. Services will include the development of a comprehensive plan for the replacement of vehicles, train control, guideway equipment, Central Control, power distribution substation equipment, emergency generators, blue light stations, and running surface, and the assistance in the initial procurement of the APM Contractor by providing design criteria documents.

The Aviation Authority has reviewed the proposal from Lea & Elliott, Inc., and determined that, due to the limited scope of the required services, Lea & Elliott, Inc. does not propose any small business participation for these services. However, Lea & Elliott, Inc. is committed to utilizing Sanjeev Shah, Inc., a certified Disadvantaged Business Enterprise (DBE)/Minority and Women Business Enterprise (MWBE) firm, for review and quality assurance services. The small business participation will be determined once the billing rates for Sanjeev Shah, Inc. are approved by the Aviation Authority.

On January 4, 2022, the Construction Committee recommended approval of an Addendum to the Specialty Automated People Mover (APM) and Passenger Rail Systems Consulting Services Agreement with Lea & Elliott, Inc. for Design Criteria and Specialty APM Consulting Services for Airsides 2 and 4 APM System Replacement Programming and Procurement at the Orlando International Airport, as outlined in the memorandum.

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact is \$388,638. Funding is from previously-approved Capital Expenditure Funds and General Airport Revenue Bonds. ✓

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept the recommendation of the Construction Committee and approve an Addendum to the Specialty Automated People Mover (APM) and Passenger Rail Systems Consulting Services Agreement with Lea & Elliott, Inc. for Design Criteria and Specialty APM Consulting Services for Airsides 2 and 4 APM System Replacement Programming and Procurement at the Orlando International Airport, for the total not-to-exceed fee amount of \$388,638, with funding from previously-approved Capital Expenditure Funds and General Airport Revenue Bonds; and, authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel.