

**ADDENDUM NO. 15
TO THE AGREEMENT DATED MARCH 31, 2023
BETWEEN GREATER ORLANDO AVIATION AUTHORITY
AND KIMLEY-HORN AND ASSOCIATES, INC.**

Project: **Design Services for BP-508 Commercial Lanes Terminal A & B Pavement Rehabilitation, Orlando International Airport**

THIS ADDENDUM is effective this 16th day of October, 2024 by and between the **GREATER ORLANDO AVIATION AUTHORITY** ("Aviation Authority"), and **KIMLEY-HORN AND ASSOCIATES, INC.** ("Consultant").

WITNESSETH:

WHEREAS, by Agreement dated March 31, 2023, Aviation Authority and Consultant entered into an agreement for Consultant to provide Continuing Civil Engineering Consulting Services; and

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

WHEREAS, the Aviation 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 Aviation 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 FORTY-NINE THOUSAND NINETEEN AND NO/100 DOLLARS (\$349,019.00)**, broken down as follows:

Professional Fees:	NTE:	\$324,226.00
Professional Fees:	LS:	\$0.00
Reimbursable Expenses:	NTE:	<u>\$24,793.00</u>
Total:		\$349,019.00

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. Aviation 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, Aviation 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 March 31, 2023 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 day of Oct 21, 2024.

GREATER ORLANDO AVIATION AUTHORITY


box SIGN 4Q8XW3KX-4Z2QW3V9

By:

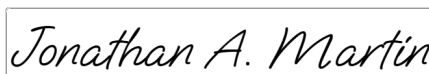
Kevin J. Thibault, P.E.
Chief Executive Officer

Approved as to Form and Legality
(for the benefit of GOAA only)
this day of Oct 21, 2024



By: box SIGN 4ZR2R2V8-4Z2QW3V9
Becker & Pollakoff, Legal Counsel
Greater Orlando Aviation Authority

KIMLEY-HORN AND ASSOCIATES, INC.


box SIGN 4YRYK7L5-4Z2QW3V9

By:

Signature (Duly Authorized Rep.)

Jonathan A. Martin

Printed Name

SR. Vice President

Title

From: Anna Farmer <anna.farmer@goaa.org>
Sent: Thursday, October 17, 2024 3:52 PM
To: Directors and Aides <Dir-Aides@goaa.org>
Cc: GOAA Designees <GOAA-Designees2@goaa.org>; Randolph Hudgins <randolph.hudgins@goaa.org>; Starlene (Star) Barrett <starlene.barrett@goaa.org>; James Knusalla <jknusalla@goaa.org>
Subject: Designee for Chief Executive Officer

Please be advised that Mr. Kevin Thibault, Chief Executive Officer, will be out of the office Friday, October 18, 2024, thru Noon on Saturday, November 2, 2024.

Mr. Tony Davit, Chief Operating Officer, will be his designee Friday, October 18th thru Thursday, October 24th. Mr. Davit can be reached at anthony.davit@goaa.org or 407-825-2231.

Ms. Kathleen Sharman, Chief Financial Officer, will be his designee Friday, October 25th thru Noon on Saturday, November 2nd. Ms. Sharman can be reached at kathleen.sharman@goaa.org or 407-825-2043.

Please continue to use the signature process in place. Thank you.



Anna Farmer

Manager, Board Services

anna.farmer@goaa.org

P 407-825-2032

Orlando International Airport

One Jeff Fuqua Boulevard

Orlando, Florida 32827

orlandoairports.net

MEMORANDUM

TO: Members of the Construction Committee

FROM: Tuan Nguyen, Assistant Vice President of Engineering

DATE: October 1, 2024

ITEM DESCRIPTION

Request for Recommendation of Approval of an Addendum to the Continuing Civil Engineering Services Agreement with Kimley-Horn and Associates Inc. for Design Services for BP-00508-MCO Commercial Lanes Terminal A&B Pavement Rehabilitation Project at the Orlando International Airport.

BACKGROUND

On March 15th, 2023, the Aviation Authority Board approved an agreement with Kimley-Horn and Associates, Inc. for Continuing Civil Engineering Services at the Orlando International Airport, Orlando Executive Airport, and Other Facilities operated by the Greater Orlando Aviation Authority. These services include Provide continuing civil engineering services and related professional services, including but not limited to, civil, traffic, environmental, structural evaluation and design; landscape and irrigation design; utilities and infrastructure design; airfield design; roadway and signage design; surveying; cost estimating; scheduling; geotechnical services; stormwater management consulting and design services; and all other related services including coordination with the Aviation Authority, its Consultants, the City of Orlando and all agencies having jurisdiction over the facilities such as the Federal Aviation Administration, the Transportation Security Administration, the Florida Department of Transportation, and the Orlando Utilities Commission.

ISSUES

Consultant's proposal, dated September 9th, 2024 is to provide Design Services to develop a set of construction drawings with a project manual to rehabilitate the commercial lanes located at Terminal A and B.

If approved, services will be effective upon the Aviation Authority Board's approval.

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

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

SMALL BUSINESS

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

ALTERNATIVES

None.

FISCAL IMPACT

Funding is from Line of Credit (LOC) to be reimbursed by General Airport Revenue Bonds (GARBs). Funding source verified by Melvin Martinez of Construction Finance on 09 / 26 / 24 as correct and available.

RECOMMENDED ACTION

It is respectfully requested that the Construction Committee recommend to the Aviation Authority Board approval of an Addendum to the Continuing Civil Engineering Services agreement with Kimley-Horn and Associates Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	\$324,226.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$24,793.00
TOTAL	\$349,019.00
AAC – Compliance Review Date	 9/26/2024
AAC – Funding Eligibility Review Date	9/26/2024



September 9, 2024

Mr. Tuan Nguyen, P.E.
Assistance Vice President of Engineering
Greater Orlando Aviation Authority
11314 Terminal C Service Road
Orlando, Florida 32824
TNguyen@goaa.org

**Re: BP-00508 - Commercial Lanes A & B Pavement Rehabilitation Final Design
at Orlando International Airport**

Dear Mr. Nguyen:

Attached, please find our proposal to complete the design services for the subject project.

The proposal submitted herein is for a total value of \$349,019.00; of which \$324,226.00 is for not-to-exceed labor fee, and \$24,793.00 is for not-to-exceed reimbursable expenses (geotechnical expenses and permit exemption verification fee).

A breakdown of the fees has been provided below:

Task 1 – \$80,553.00 + \$24,693.00 Reimbursable Expenses
Task 2 – \$35,075.00
Task 3 – \$159,977.00
Task 4 - \$27,077.00
Task 5 – \$4,642.00 + \$100.00 Reimbursable Expenses
Task 6 - \$16,902.00
Total: \$349,019.00

The following tables are attached for backup:

- Table C-1, Summary of Fees and Expenses
- Table C-4, Summary of Not-to-Exceed Fees and Expenses
- Table C-5, Breakdown of Not-to-Exceed Fees (Kimley-Horn)
- Table C-5, Breakdown of Not-to-Exceed Fees (L&S Diversified)
- Table C-5, Breakdown of Not-to-Exceed Fees (GEC)
- Table C-6, Breakdown of Not-to-Exceed Reimbursable Expenses (Kimley-Horn)
- Table C-6, Breakdown of Not-to-Exceed Reimbursable Expenses (GEC)
- Table C-7, LDB/MWBE Participation Schedule
- Table C-9, Summary of Contracted Hourly Rates

Please note that for this scope of work, we anticipate 22.4% MWBE participation.



We sincerely appreciate the opportunity to provide these services to you and the Greater Orlando Aviation Authority. Please contact me if you have any questions.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.

A handwritten signature in blue ink, appearing to read "Hao Chau", with a stylized flourish at the end.

Hao Chau, P.E.
Vice President

ATTACHMENT A: SCOPE OF SERVICES
BP-00508
ORLANDO INTERNATIONAL AIRPORT
COMMERCIAL LANES A & B PAVEMENT REHABILITATION
FINAL DESIGN
GREATER ORLANDO AVIATION AUTHORITY

OVERVIEW

The Greater Orlando Aviation Authority (GOAA) is planning for the pavement rehabilitation of the Commercial Road A and Commercial Road B at the Orlando International Airport (MCO) due to pavement lifecycle and degradation. Kimley-Horn has previously prepared a Technical Memorandum describing existing conditions, proposed rehabilitation methods and Opinions of Probable Construction Costs (OPCC). This scope of services is to develop final design and construction plans for the pavement rehabilitation of Commercial Road A and Commercial Road B with Full Depth Reclamation (FDR) for the asphalt pavement and targeted repair alternatives for the concrete pavement. This scope of services does not include roadway horizontal or vertical alignment modifications, drainage and underdrain improvements, structural improvements for exposed rebar in the bridge deck, utility coordination or utility design. The asphalt pavement reconstruction at existing grade is limited to the four (4) areas above the existing pedestrian tunnels.

The services provided by Kimley-Horn and Associates will consist of the development of one (1) set of construction plans and bidding and award phase services. A South Florida Water Management District (SFWMD) Permit Exemption request will be submitted for these improvements as a maintenance project.

SCOPE:

This project includes the development of one (1) set of construction plans for the asphalt and concrete pavement repairs. The plans will contain one (1) base bid the for the pavement rehabilitation.

The final design will consist of the development of roadway and temporary traffic control plans, FDR asphalt pavement design and concrete pavement repair for construction. Topographic survey and geotechnical investigation to develop the construction plans, FDR asphalt pavement design and concrete pavement repairs details are also included.

A South Florida Water Management District (SFWMD) Permit Exemption request will be submitted for these improvements as a maintenance project. There are no drainage improvements associated with this project.

Specifically, this project includes:

1. Development of roadway and temporary traffic control construction plans
2. Development of one (1) bid package including bid tabulation form and one (1) opinion of probable construction cost (OPC)
3. Request for Permit Exemption through the SFWMD.
4. Topographic survey and geotechnical investigation to develop the plans, FDR asphalt pavement design and concrete pavement repair details.
5. Bid and award phase services

The project is expected to require professional civil design services. The basic scope of services for this project includes the following Tasks:

- Task 1 – Data Collection and Preliminary Design
- Task 2 - 30% Construction Plan Preparation and Submittal
- Task 3 – 95% Construction Plan Preparation and Submittal
- Task 4 – Bid Package Development
- Task 5 – SFWMD Permit Exemption
- Task 6 – Bid and Award Phase Services

TASK 1 – Data Collection and Preliminary Design

The purpose of this Task is to collect the data needed to prepare the preliminary design plans. The data collection and preliminary design effort will include the following:

- (1) Attend one (1) design kick-off and scope verification meeting with relevant stakeholders. Provide meeting minutes of that meeting.
- (2) Define and list design criteria applicable to the project.
- (3) Complete one (1) field review of the site.
- (4) Perform preliminary design analysis and discuss the preliminary design with GOAA for review and comments.
- (5) Provide administration for the services including progress reports, record keeping, coordination, and invoicing.
- (6) Perform topographic survey of Commercial Lanes A & B including pavement, curbing, striping, visible above ground improvements and utilities, and accessible storm/sanitary structures with pipe invert data. Cross-sections, pavements elevations will be measured at a minimum of 50 ft intervals and concrete pavement joint layout. The position and elevation of up to 30 geotechnical borings/cores will be surveyed.

(7) Perform geotechnical services including up to twenty (20) six-inch diameter pavement cores (10 at each terminal area) through the asphalt and base material. Conduct manual DCP tests (ASTM D-6951) from the bottom of the base to a depth of up to 2 feet to obtain in-situ California Bearing Ratio values at 10 locations (5 at each terminal area). Perform 10 manual auger borings to 5 feet deep off the existing pavement in grass areas (5 at each terminal area) to establish groundwater levels. Perform routine laboratory soil classification tests (moisture content, Atterberg Limits and/or sieve analysis tests) on soil samples to supplement visual soil classification. Perform 10 asphalt content and 10 gradation tests on the asphalt cores. Document asphalt pavement conditions (asphalt and base thickness, subgrade type and any crack depths) based on our pavement evaluation and pavement cores. Document subsurface conditions encountered during the field investigation, including detailed descriptions of all field and laboratory test methods and results. Develop recommendations for a Full Depth Reclamation pavement design of the existing asphalt pavement and base material.

(8) Perform concrete pavement distress mapping based on visual field investigation. The field investigation will include a 100% sample rate with distress mapping for concrete slabs included in the site limits. Document representative photos with distress type and location during the site visit. Prepare schematic-level mapping exhibits utilizing AutoCAD to identify the results of field data collected. The location of each distress will be schematic-level accuracy and will be ± 5 -ft based on the estimated existing slab joint layout configuration. Develop repair plan estimates that identify the anticipated quantities and type of pavement repairs recommended for the site. Example repair types will be:

- Spall Repair / Concrete Patching
- Slab replacement
- Rout and Seal Cracks
- Grinding
- Joint seal replacement

The concrete pavement section is assumed to match existing; a structural pavement design analysis will not be included as part of this task.

The data collection and preliminary design effort will begin with a “site review” to evaluate and document existing site conditions of the area included within the project limits.

Deliverables:

- (1) Topographic survey CAD and PDF files
- (2) 1 copy of the geotechnical report
- (3) Concrete pavement distress map

TASK 2 – 30% Construction Plan Preparation and Submittal

The purpose of this Task is to prepare the 30% construction plans. The preliminary roadway and temporary traffic control plans will be developed to a 30% level. The plans will include preliminary

typical section(s), asphalt and concrete pavement repair details, plan sheets showing existing topography, geotechnical cores/borings, proposed rehabilitation limits, temporary traffic control typical section(s), general notes and general phasing plan sheets. This task includes one (1) meeting with GOAA staff to determine the allowable bus parking spaces closure. Other coordination tasks with GOAA Operations for closures will be performed by the OAR.

TASK 3 – 95% Construction Plan Preparation and Submittal

Kimley-Horn will prepare 95% construction plans for GOAA review and comment prior to proceeding with the bid package development. These 95% construction plans will depict design notation and construction level detail needed to bid and construct the project. The roadway and temporary traffic control plans will be developed to a 100% level. The plans will include the following items:

- Key Sheet
- Typical Sections
- Project Layout
- General Notes
- Roadway Plan Sheets (full size)
- Asphalt Pavement Design and Rehabilitation Details
- Concrete Pavement Repair Details
- Cross Sections at 50 foot intervals
- Erosion Control Sheets
- Temporary Traffic Control General Notes
- Temporary Traffic Control Typical Sections
- Temporary Traffic Control Plan Sheets
- Signing and Pavement Marking Plan Sheets

The 95% construction plan sheets will show existing utilities based on topographic survey and information provided by GOAA. Utility coordination and design are not included in this task and can be performed as an additional service if required.

This task includes the development of one (1) opinion of probable construction cost and one (1) update based on comments received from GOAA.

This task includes two (2) meetings with GOAA staff to review comments on the 95% construction plans. Other coordination tasks with GOAA will be performed by the OAR. Under this task, the 95% construction plans will be prepared for review and approval by GOAA.

Deliverables:

- (1) 1 copy of the 95% Construction Plans and design documents (electronic copy)

TASK 4 – Bid Package Development

The purpose of this Task is to prepare the bid package for the pavement rehabilitation of Commercial Lanes A & B. The bid package will consist of the project description, information

related to the design requirements, information related to the construction requirements, materials, preliminary construction schedule, list of applicable codes and standards, bid tabulation form, and the final plans with refinements from GOAA comments as described in Task 3. Under this task, a draft of the bid package will be prepared for review and approval by GOAA. After GOAA has reviewed the draft bid package, comments received from the review will be incorporated into the final bid package and submitted for GOAA's use in the solicitation of bids from construction firms.

Deliverables:

- (1) 1 copy of the Draft Bid Package with Final Plans (electronic copy)
- (2) 1 copy of the Final Bid Package with Final Plans (electronic copy)

TASK 5 – SFWMD Permitting Services

Due to the nature of this project, a South Florida Water Management District (SFWMD) Permit Exemption request will be submitted for these improvements as a maintenance project. Kimley-Horn has assumed that an Environmental Resource Permit (ERP) will not be required and therefore, permitting is not included in this scope of services.

Assumptions:

- (1) A SFWMD Environmental Resource Permit (ERP) will not be required

Deliverables:

- (1) 1 copy of the SFWMD Permit Exemption request (electronic copy)

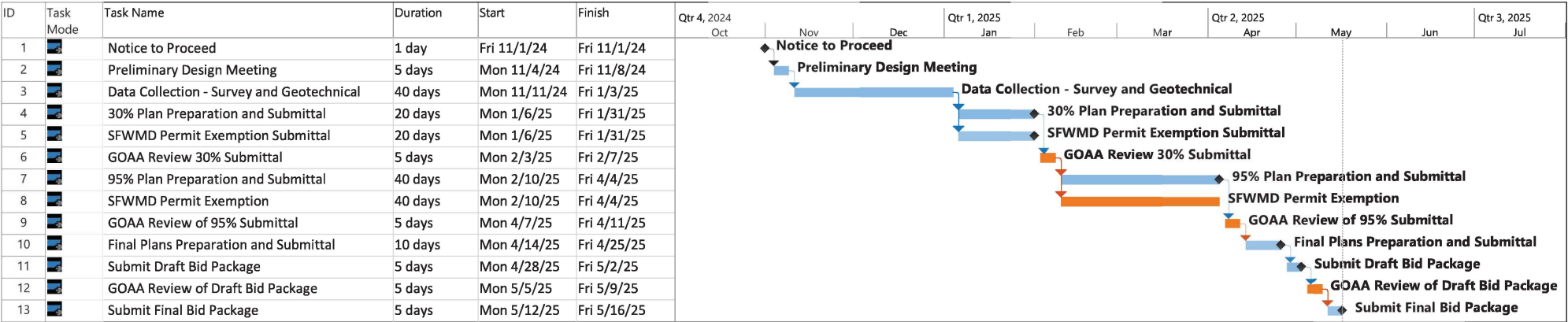
TASK 6 – Bid and Award Phase Services

Kimley-Horn will provide the following bid and award phase services as requested by GOAA:

- Attendance at one (1) pre-bid meeting
- Respond to one (1) round of questions during the bidding process
- Assist GOAA with the review of qualified bids
- Attendance at one (1) bid award meeting

SCHEDULE

The tentative schedule is presented in the following chart. The durations are tentative and subject to final meeting dates.



Commercial Lanes A&B Final Design Schedule	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL

Table C-1

Phase of Project:	Data Collection and Preliminary Design	30% Construction Plan Preparation and Submittal	95% Construction Plan Preparation and Submittal	Bid Package Development	SFWMMD Permitting Services	Bid and Award Phase Services	SUBTOTAL	TOTAL CONTRACT
1.0 Lump Sum Fee:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2.0 Not to Exceed Reimbursable Fee:	\$80,553.00	\$35,075.00	\$159,977.00	\$27,077.00	\$4,642.00	\$16,902.00	\$324,226.00	\$324,226.00
3.0 Not to Exceed Reimbursable Expenses:	\$24,693.00	\$0.00	\$0.00	\$0.00	\$100.00	\$0.00	\$24,793.00	\$24,793.00
4.0 TOTAL CONTRACT VALUE:	\$105,246.00	\$35,075.00	\$159,977.00	\$27,077.00	\$4,742.00	\$16,902.00	\$349,019.00	\$349,019.00

Total Lump Sum Labor Hours:	0	0	0	0	0	0	0	0
Total Not to Exceed Reimbursable Labor Hours:	788	180	820	135	24	78	2025	2,025
TOTAL LABOR HOURS:	788	180	820	135	24	78	2,025	2,025
Average Hourly Rate:	\$102.22	\$194.86	\$195.09	\$200.57	\$193.42	\$216.69	\$160.11	\$160.11

BP-00508
ORLANDO INTERNATIONAL AIRPORT
COMMERCIAL LANES A B PAVEMENT REHABILITATION
FINAL DESIGN
GREATER ORLANDO AVIATION AUTHORITY
Table C-1

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
Table C-4

Phase of Project:	Data Collection and Preliminary Design		30% Construction Plan Preparation and Submittal		95% Construction Plan Preparation and Submittal		Bid Package Development		SFWMD Permitting Services		Bid and Award Phase Services		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	Cost
Kimley-Horn & Associates														
Not To Exceed Reimbursable Fee	125	\$26,968.00	180	\$35,075.00	820	\$159,977.00	135	\$27,077.00	24	\$4,642.00	78	\$16,902.00	1,362	\$270,641.00
Not to Exceed Reimbursable Expenses		\$0.00		\$0.00		\$0.00		\$0.00		\$100.00		\$0.00		\$100.00
Sub-Total Kimley-Horn and Associates *	125	\$26,968.00	180	\$35,075.00	820	\$159,977.00	135	\$27,077.00	24	\$4,742.00	78	\$16,902.00	1,362	\$270,741.00
L&S Diversified														
Not To Exceed Reimbursable Fee	555	\$38,595.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	555	\$38,595.00
Not to Exceed Reimbursable Expenses		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Sub-Total L&S Diversified	555	\$38,595.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	555	\$38,595.00
Geotechnical Engineering Consultants (GEC)														
Not to Exceed Reimbursable Fee	108	\$14,990.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	108	\$14,990.00
Not to Exceed Reimbursable Expenses		\$24,693.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$24,693.00
Sub-Total Geotechnical and Environmental Consultants, Inc.	108	\$39,683.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	108	\$39,683.00
Total Not to Exceed Amount:	788	\$105,246.00	180	\$35,075.00	820	\$159,977.00	135	\$27,077.00	24	\$4,742.00	78	\$16,902.00	2,025	\$349,019.00

NOTES:

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
Table C-5 (Kimley-Horn)

Position:	Principal		Sr. Project Manager		QA/QC Reviewer		Sr. Engineer/Planner		Engineer/Planner		Engineering Intern		Administrative Assistant		TOTAL		
Rate (\$/Hour):	\$367		\$338		\$300		\$288		\$209		\$130		\$120		Labor Hours	Cost	Avg. Hourly Rate
	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost			
Data Collection and Preliminary Design																	
Attend Design Kick-Off Meeting with Owner and Prepare Minutes	0	\$0	2	\$676	0	\$0	2	\$576	0	\$0	0	\$0	2	\$240	6	\$1,492	\$249
Define and list design criteria applicable to the project	0	\$0	2	\$676	0	\$0	2	\$576	8	\$1,672	8	\$1,040	0	\$0	20	\$3,964	\$198
Complete one (1) field review of the site	0	\$0	5	\$1,690	0	\$0	5	\$1,440	5	\$1,045	0	\$0	0	\$0	15	\$4,175	\$278
Perform preliminary design analysis and discuss with GOAA	1	\$367	2	\$676	1	\$300	1	\$288	12	\$2,508	13	\$1,690	0	\$0	30	\$5,829	\$194
Perform concrete pavement distress mapping	0	\$0	4	\$1,352	0	\$0	4	\$1,152	16	\$3,344	16	\$2,080	0	\$0	40	\$7,928	\$198
Project Administration and Attend Review Meeting	0	\$0	4	\$1,352	0	\$0	4	\$1,152	4	\$836	0	\$0	2	\$240	14	\$3,580	\$256
Sub-Total Data Collection and Preliminary Design	1	\$367	19	\$6,422	1	\$300	18	\$5,184	45	\$9,405	37	\$4,810	4	\$480	125	\$26,968	\$216
30% Construction Plan Preparation and Submittal																	
Prepare Preliminary Construction Plans	2	\$734	14	\$4,732	2	\$600	14	\$4,032	73	\$15,257	72	\$9,360	3	\$360	180	\$35,075	\$195
Sub-Total Preliminary Construction Plan Preparation	2	\$734	14	\$4,732	2	\$600	14	\$4,032	73	\$15,257	72	\$9,360	3	\$360	180	\$35,075	\$195
95% Construction Plan Preparation and Submittal																	
Prepare Final Construction Plans	9	\$3,303	64	\$21,632	11	\$3,300	64	\$18,432	330	\$68,970	330	\$42,900	12	\$1,440	820	\$159,977	\$195
Sub-Total Final Construction Plan Preparation	9	\$3,303	64	\$21,632	11	\$3,300	64	\$18,432	330	\$68,970	330	\$42,900	12	\$1,440	820	\$159,977	\$195
Bid Package Development																	
Prepare Draft Bid Package	2	\$734	8	\$2,704	4	\$1,200	8	\$2,304	39	\$8,151	43	\$5,590	3	\$360	107	\$21,043	\$197
Attend review meeting and prepare minutes	0	\$0	2	\$676	0	\$0	2	\$576	0	\$0	0	\$0	2	\$240	6	\$1,492	\$249
Prepare Final Bid Package	1	\$367	2	\$676	1	\$300	2	\$576	7	\$1,463	8	\$1,040	1	\$120	22	\$4,542	\$206
Sub-Total Bid Package Development	3	\$1,101	12	\$4,056	5	\$1,500	12	\$3,456	46	\$9,614	51	\$6,630	6	\$720	135	\$27,077	\$201
SFWMD Permitting Services																	
SFWMD Permit Exemption Request	0	\$0	2	\$676	0	\$0	2	\$576	10	\$2,090	10	\$1,300	0	\$0	24	\$4,642	\$193
Sub-Total SFWMD Permitting Services	0	\$0	2	\$676	0	\$0	2	\$576	10	\$2,090	10	\$1,300	0	\$0	24	\$4,642	\$193
Bid and Award Phase Services																	
Attend Pre-Bid Meeting with Owner	0	\$0	3	\$1,014	0	\$0	3	\$864	3	\$627	0	\$0	0	\$0	9	\$2,505	\$278
Respond to Questions During the Bidding Process	0	\$0	3	\$1,014	0	\$0	3	\$864	12	\$2,508	12	\$1,560	0	\$0	30	\$5,946	\$198
Assist with the Review of Qualified Bids	0	\$0	3	\$1,014	0	\$0	3	\$864	12	\$2,508	12	\$1,560	0	\$0	30	\$5,946	\$198
Attend Bid Award Meeting with Owner	0	\$0	3	\$1,014	0	\$0	3	\$864	3	\$627	0	\$0	0	\$0	9	\$2,505	\$278
Sub-Total Bid and Award Phase Services	0	\$0	12	\$4,056	0	\$0	12	\$3,456	30	\$6,270	24	\$3,120	0	\$0	78	\$16,902	\$217
TOTAL NOT TO EXCEED FEE:	15	\$5,505	123	\$41,574	19	\$5,700	122	\$35,136	534	\$111,606	524	\$68,120	25	\$3,000	1362	\$270,641	\$199

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ORLANDO INTERNATIONAL AIRPORT
COMMERCIAL LANES A B PAVEMENT REHABILITATION
FINAL DESIGN
GREATER ORLANDO AVIATION AUTHORITY
Table C-5 (Kimley-Horn)

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
Table C-5 (L & S Diversified)

Position:	Sr. Survey Crew Chief		Sr. Instrument Man		Survey Crew		Sr. Project Manager		Sr. CADD Technican		TOTAL		
Rate (\$/Hour):	\$97		\$62		\$38		\$173		\$78		Labor Hours	Cost	Avg. Hourly
	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor hours	Cost	Labor Hours	Cost			
Data Collection and Preliminary Design													
Survey Control	16	\$1,552	16	\$992	16	\$608	1	\$173	8	\$624	57	\$3,949	\$69
Topographic Survey	104	\$10,088	104	\$6,448	104	\$3,952	6	\$1,038	80	\$6,240	398	\$27,766	\$70
Geotechnical Borings Survey	30	\$2,910	30	\$1,860	30	\$1,140	2	\$346	8	\$624	100	\$6,880	\$69
Sub-Total Data Collection and Preliminary Design	150	\$14,550	150	\$9,300	150	\$5,700	9	\$1,557	96	\$7,488	555	\$38,595	\$70
TOTAL NOT TO EXCEED FEE:	150	\$14,550	150	\$9,300	150	\$5,700	9	\$1,557	96	\$7,488	555	\$38,595	\$70

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ORLANDO INTERNATIONAL AIRPORT
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Table C-5 (L & S Diversified)

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-5
BREAKDOWN OF NTE FEES

Table C-5: GEC NTE Fees

Position:	PRINCIPAL		QC REVIEWER		SENIOR PROJECT MANAGER		SENIOR ENGINEER		ENGINEER		ENGINEER INTERN		SENIOR ENGINEERING TECHNICIAN		PROJECT CAD/CAD TECHNICIAN		ADMINISTRATIVE ASSISTANT		ENGINEERING TECHNICIAN		TOTAL		
Geotechnical Engineering Consultants (GEC)	\$305		\$270		\$224		\$172		\$127		\$99		\$87		\$86		\$72		\$66				Avg. Hourly
Rate (\$/Hour):	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
Final Design																							
Project Kick-Off Meeting	0	\$0	0	\$0	2	\$448	0	\$0	2	\$254	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	4	\$702	\$176
Geotechnical Investigation	4	\$1,220	6	\$1,620	12	\$2,688	0	\$0	44	\$5,588	0	\$0	16	\$1,392	14	\$1,204	8	\$576	0	\$0	104	\$14,288	\$137
Final Design	4	\$1,220	6	\$1,620	14	\$3,136	0	\$0	46	\$5,842	0	\$0	16	\$1,392	14	\$1,204	8	\$576	0	\$0	108	\$14,990	\$139
TOTAL NOT TO EXCEED FEE:	4	\$1,220	6	\$1,620	14	\$3,136	0	\$0	46	\$5,842	0	\$0	16	\$1,392	14	\$1,204	8	\$576	0	\$0	108	\$14,990	\$139

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

Table C-6: GEC Reimbursable
NOT TO EXCEED REIMBURSABLE EXPENSES
Geotechnical Engineering Consultants (GEC)

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.

1 Field Investigation						
	Truck Rig Mobilization*	each	0.0	\$ 1,090.00	\$ -	
	Soil Survey/Coring/GPR Mobilization	each	2.0	712.50	\$ 1,425.00	Coring crew and Hand Auger crew
	Support Truck*	day	4.0	300.00	\$ 1,200.00	
	Coring Machine	day	2.0	150.00	\$ 300.00	
	GPS Unit	day	1.0	120.00	\$ 120.00	mark cores/borings
	Soil Survey/Coring Crew (3 person)*	hour	16.0	405.00	\$ 6,480.00	10 DCP borings to 2 ft and 10 auger borings to 5
	Drill Rig and Crew – Truck/Mud Bug (3 person)*	hour	2.0	577.50	\$ 1,155.00	patching/cleanup
	Roadway Pavement Cores (night with MOT)	each	20.0	400.00	\$ 8,000.00	
	MOT Portable Safety Signs	day	6.0	65.00	\$ 390.00	
	MOT Channelization Cones (each)	day	30.0	6.50	\$ 195.00	
	Hole Plug (Bag)	each	10.0	35.00	\$ 350.00	
	SPT/DCP Borings – Truck (0 - 50')*	foot	0.0	30.00	\$ -	
				Field Subtotal	\$ 19,615.00	
2 Laboratory Soil Testing						
	Natural Moisture Content	each	15.0	\$ 20.00	\$ 300.00	10 on core subgrade and 5 on AB's
	Percent Fines	each	0.0	55.00	\$ -	
	Sieve Analysis - Soil	each	15.0	80.00	\$ 1,200.00	10 on core subgrade and 5 on AB's
	Organic Content	each	2.0	54.00	\$ 108.00	
	Atterberg Limits (Plastic & Liquid Limits)	each	8.0	140.00	\$ 1,120.00	
	Asphalt Content	each	10.0	140.00	\$ 1,400.00	10 on cores
	Asphalt Gradation	each	10.0	95.00	\$ 950.00	10 on cores
				Laboratory Subtotal	\$ 5,078.00	

TOTAL REIMBURSABLE EXPENSES GEC : \$ 24,693.00

*50% Surcharge for Night/Weekend Work

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EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL

Table C-6 (Kimley-Horn)

Table C-6: KHA Reimbursable

NOT TO EXCEED 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 for each Subconsultant's expenses is also required.

<i>Documents / Plan Sets Expenses</i>	<i>Entity</i>	<i>Unit</i>	<i>Quantity</i>	<i>Price</i>	<i>Subtotal</i>
SFWMD Permit Exemption Verification Fee	KHA	NTE	1	100.00	\$100.00
<i>Subtotal</i>					<i>\$100.00</i>
<i>KHA = Kimley-Horn and Associates, Inc.</i>	Total				\$100.00

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ORLANDO INTERNATIONAL AIRPORT
COMMERCIAL LANES A B PAVEMENT REHABILITATION
FINAL DESIGN
GREATER ORLANDO AVIATION AUTHORITY

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL

Table C-7

TABLE C-7a DBE PARTICIPATION SCHEDULE

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

TABLE C-7b MWBE PARTICIPATION SCHEDULE

NAME OF SUBCONSULTANT	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
Geotechnical & Environmental Consultants, Inc. (GEC)	Geotechnical	\$39,683.00	11.4%
L&S Diversified, LLC.	Survey	\$38,595.00	11.1%
TOTAL PROPOSED PARTICIPATION		\$78,278.00	22.4%

TABLE C-7c LDB PARTICIPATION SCHEDULE

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

ORLANDO INTERNATIONAL AIRPORT
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GREATER ORLANDO AVIATION AUTHORITY

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL

Table C-9

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.

<u>FIRM</u>	<u>POSITION</u>	<u>CONTRACT HOURLY RATE</u>
Kimley-Horn and Associates, Inc	Principal	\$367.00
Kimley-Horn and Associates, Inc	Sr. Project Manager	\$338.00
Kimley-Horn and Associates, Inc	QA/QC Reviewer	\$300.00
Kimley-Horn and Associates, Inc	Sr. Engineer/Planner	\$288.00
Kimley-Horn and Associates, Inc	Project Manager	\$280.00
Kimley-Horn and Associates, Inc	Designer	\$229.00
Kimley-Horn and Associates, Inc	Principal/Chief Scientist	\$222.00
Kimley-Horn and Associates, Inc	Engineer/Planner	\$209.00
Kimley-Horn and Associates, Inc	Environmental Specialist	\$170.00
Kimley-Horn and Associates, Inc	Engineering Intern	\$130.00
Kimley-Horn and Associates, Inc	Administrative Assistant	\$120.00
L&S Diversified, LLC.	Senior Project Manager	\$173.00
L&S Diversified, LLC.	Sr. CADD Technician	\$78.00
L&S Diversified, LLC.	Sr. Survey Crew Chief	\$97.00
L&S Diversified, LLC.	Sr. Instrument Man	\$62.00
L&S Diversified, LLC.	Survey Assistant	\$38.00
Geotechnical and Environmental Consultants, Inc.	Principal	\$305.00
Geotechnical and Environmental Consultants, Inc.	QC Reviewer	\$270.00
Geotechnical and Environmental Consultants, Inc.	Senior Project Manager	\$224.00
Geotechnical and Environmental Consultants, Inc.	Senior Engineer	\$172.00
Geotechnical and Environmental Consultants, Inc.	Engineer	\$127.00
Geotechnical and Environmental Consultants, Inc.	Engineer Intern	\$99.00
Geotechnical and Environmental Consultants, Inc.	Sr. Engineering Technician	\$87.00
Geotechnical and Environmental Consultants, Inc.	Project CAD/CAD Technician	\$86.00
Geotechnical and Environmental Consultants, Inc.	Administrative Assistant	\$72.00
Geotechnical and Environmental Consultants, Inc.	Engineering Technician	\$66.00

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COMMERCIAL LANES A B PAVEMENT REHABILITATION
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L & S Diversified

Surveying and Mapping | Subsurface Utility Engineering | LiDAR

August 21, 2024

Hao Chau, P.E.
Kimley-Horn
200 South Orange Ave, Suite 600
Orlando, FL 32801

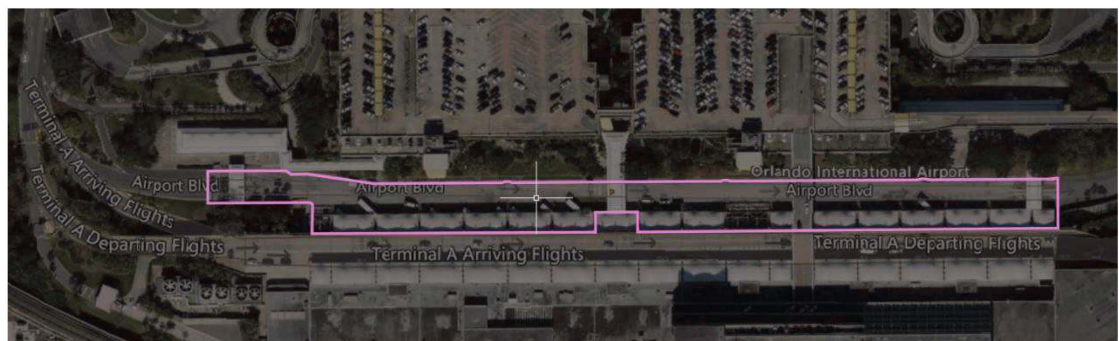
Subject: GOAA – Commerical Road A & B

Dear Hao,

We appreciate your consideration of L&S Diversified, LLC to provide professional surveying services for the above referenced project. Below we have outlined a proposed schedule of services and the associated fees for this project.

SCOPE OF SERVICES

Approximate limits of survey shown below. Topographic survey of both Terminal A and B Commercial lanes including pavement, curbing, striping, visible above ground improvements and utilities, and accessible storm/sanitary structures with pipe invert data. Cross-sections, pavements elevations will be measured at a minimum of 50 ft intervals and concrete pavement joint layout. The position and elevation of up to 30 geotechnical borings will be surveyed as directed by the client or consultant performing the work.



L & S Diversified, LLC

Principal
Sherry Lee Manor, PSM

489 SR 436, Suite 117
Casselberry, FL 32707
o 407.681.3836

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Establish Survey Control

L & S Diversified shall establish horizontal and vertical control monuments to facilitate site engineering. The monuments shall be established so that there is clear line of site between them. Horizontal coordinates shall be referenced to Florida State Plane, North American Datum of 1983 (NAD83). Elevations shall be referenced to North American Vertical Datum of 1988 (NAVD88).

Topographic Survey

L & S Diversified will provide all labor, equipment and resources necessary to research, locate and/or establish the required site control and perform a topographic survey.

Topographic Survey: RTK/GPS or conventional data acquisition at a **50-foot grid** within the project limits; location and elevation of existing improvements and visible above ground utilities; location and elevation of accessible storm/sanitary structures with pipe invert data; concrete pavement joint layout; location and elevation of up to 30 geotechnical borings; and setting site bench marks per site to facilitate engineering for the project site.

The topographic survey will be displayed at one foot contours and will be based on the North American Vertical Datum (NAVD) of 1988.

The Topographic Survey will be prepared in accordance with the State of Florida Standards of Practice Chapter 5J-17, Florida Administrative Code, as set forth by the Board of Professional Surveyors and Mappers, pursuant to Section 472.027, Florida Statutes.

Data acquisition will conform to the horizontal and vertical precision standards as outlined in the Federal Geographic Data Committee, Geospatial Positioning Standards – PART 4: Standards for A/E/C and Facility Management (FGDC-STD-007.4-2002).

Deliverables

Survey in pdf and dwg format, **signed and sealed hardcopies as required by Client are to be billed at cost.**

The attached table summarizes the costs associated with this proposal. Please review this information and let us know if you have any questions.

L & S Diversified, LLC
Principal
Sherry Lee Manor, PSM

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Casselberry, FL 32707
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Schedule

L & S Diversified will begin the Survey on the subject property within 10 working days after receipt of your executed Notice to Proceed (NTP). This does not apply if extensive title work is involved, extensive certification requirements are needed, or if an ALTA/ACSM Survey is required. Proposed fee and schedule shown hereon is valid for up to 45 days from the date of receipt. We prefer at least 48 hours of notice for scheduling of a field crew.

Description	Duration
Field Data Collection	3.5 Weeks
Office Drafting	2 Weeks
QA/QC	.5 Week
Estimated Delivery of Survey from Notice to Proceed	6 Weeks

Additional Services

If the client desires to change or expand upon these proposed services, an additional fee shall be negotiated. This renegotiation shall be accomplished prior to commencing the additional work, and may be necessary for any of the following services which are not a part of this contract:

Locating and/or flagging Flood Zone Line or Normal High Water Line (NHWL), tidal records, or locating 'O' or specific elevations, Research and ordering additional Maps, Records or Materials necessary for completing these specified tasks; client-imposed requirements not covered herein; Additional Certifications or Affidavits not specified herein; Elevation Certifications; Wetland Delineation or Location; sub-surface Excavation or Underground Utility Location; Extensive Title Review and Plotting of Easements; Offsite Surveys or Sketches; Vertical Topographic information unless outlined in this proposal; Requests by Third Parties (Buyer's Attorney, Seller's Attorney, Lender or Lender's Counsel, Real Estate Agents, Title Company Personnel, etc.) for additions, deletions or revisions to be made to the survey drawings or maps before or after initial submittal to client; Additional Meetings and Errands not covered herein which are necessary to complete these specified tasks; Client-Authorized on-site instruction given to field crew for extra field work not covered herein; Client-approved overtime; Additional ALTA Table A Items.

Reimbursables such as overnight mailings, sending electronic files, copying charges, blueprinting costs, plotting of extra drawings not covered herein, delivery, shipping, or rush charges, etc. will be billed as an Extra cost on a Time, Materials and Expense basis.

It may be necessary for the Project Manager to call the client to receive verification and authorization for Extra Costs stated above in the preceding paragraph, and may further require the client to sign an Additional Work Authorization Form for any out-of-scope requests.

L & S Diversified, LLC

Principal
Sherry Lee Manor, PSM

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All public entity or jurisdictional agency fees are to be paid directly by the client prior to obtaining approvals or permits. These fees include, but are not limited to, platting, impact, re-zoning, permitting, review and application fees. L & S Diversified has no control over the procedures of public entities or jurisdictional agencies, and therefore, cannot guarantee timing and outcome of permits and entitlements related to this site/project.

Thank you for this opportunity and we look forward to working with you on this exciting new project. Should you have any questions, please do not hesitate to call.

Sincerely,
L & S Diversified, LLC

Sherry L. Manor
President

L & S Diversified, LLC

Principal
Sherry Lee Manor, PSM

489 SR 436, Suite 117
Casselberry, FL 32707
o 407.681.3836

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August 21, 2024

Kimley-Horn and Associates, Inc.
200 S. Orange Avenue, Suite 600
Orlando, FL 32801

Attention: Mr. Hao Chau, P.E.

Subject: Proposal for Geotechnical Engineering Services
MCO TERMINALS A & B – COMMERCIAL LANES PAVEMENT REHABILITATION
Orange County, Florida
GEC Proposal No. 11819G

Dear Mr. Chau:

Geotechnical and Environmental Consultants, Inc. (GEC) is pleased to provide this proposal for the above-referenced project. Our scope of services is based on the project information you provided to us (plan sheets attached), your email on April 9, 2024 and our site visit on April 17, 2024 and our meeting on August 19, 2024. This proposal presents our understanding of the project, a description of our geotechnical engineering scope of services and our fee details.

Site and Project Description

The subject site is the Orlando International Airport (MCO) located in south Orange County, Florida which is owned and operated by the Greater Orlando Aviation Authority (GOAA). We understand that the project will include rehabilitation of the existing Terminal A and B Ground Transportation commercial lanes (approximately 1,200 lineal feet of 2 to 3 lanes of asphalt at each terminal area.) The purpose of this scope of work is to assist Kimley-Horn in designing the pavement rehabilitation option of Full Depth Reclamation (FDR) and providing plans for conventional Design-Bid-Build construction.

Scope of Geotechnical Services

As requested, the geotechnical effort associated with this scope of work is presented below.

- Coordinate with MCO personnel, as needed.
- Stake/mark pavement core locations at the site.

- Coordinate site access with GOAA. All roadway field work will be done at night.
- Mobilize pavement coring equipment and personnel.
- Perform a total of up to 20 six-inch diameter pavement cores (10 at each terminal area) through the asphalt and base material.
- Conduct manual DCP tests (ASTM D-6951) from the bottom of the base to a depth of up to 2 feet to obtain in-situ California Bearing Ratio values at 10 locations (5 at each terminal area).
- Perform 10 manual auger borings to 5 feet deep off the existing pavement in grass areas (5 at each terminal area) to establish groundwater levels.
- All core holes will be patched with in-kind materials.
- Perform routine laboratory soil classification tests (moisture content, Atterberg Limits and/or sieve analysis tests) on soil samples to supplement visual soil classification.
- Perform 10 asphalt content and 10 gradation tests on the asphalt cores.
- Issue an electronic copy (PDF) of the geotechnical engineering report signed and sealed by a geotechnical engineer licensed in Florida.

The geotechnical engineering report will address the following project elements:

- Document asphalt pavement conditions (asphalt and base thickness, subgrade type and any crack depths) based on our pavement evaluation and pavement cores.
- Provide photographs of all asphalt cores.
- Document subsurface conditions encountered during the field investigation, including detailed descriptions of all field and laboratory test methods and results.
- Develop recommendations for a Full Depth Reclamation pavement design of the existing asphalt pavement and base material.

Estimated Fee and Schedule

The attached tables present a breakdown of both our Not-To-Exceed fees.

Geotechnical Field/Lab – NTE (GEC)	\$24,693.00
Geotechnical Engineering – NTE (GEC)	\$14,990.00
Total Geotechnical Fee	\$39,683.00

Our estimated schedule for completing the pavement cores is approximately 8 weeks from Notice To Proceed. The final report geotechnical report will be submitted 4 weeks after finishing the field work.

Assumptions and Limitations

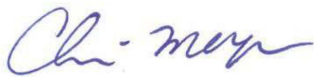
- The geotechnical field work will be performed during weekday night-time hours only.
- All areas will be accessible to our equipment detailed above. Otherwise access-related costs and delays must be invoiced.
- On-site work will not be subjected to delays or cancellations caused by others with adequate notice (e.g.; airport operations).

Closure

We appreciate the opportunity to provide this proposal and look forward to working with you on this project. Please contact us if you have any questions or comments regarding this proposal.

Very truly yours,

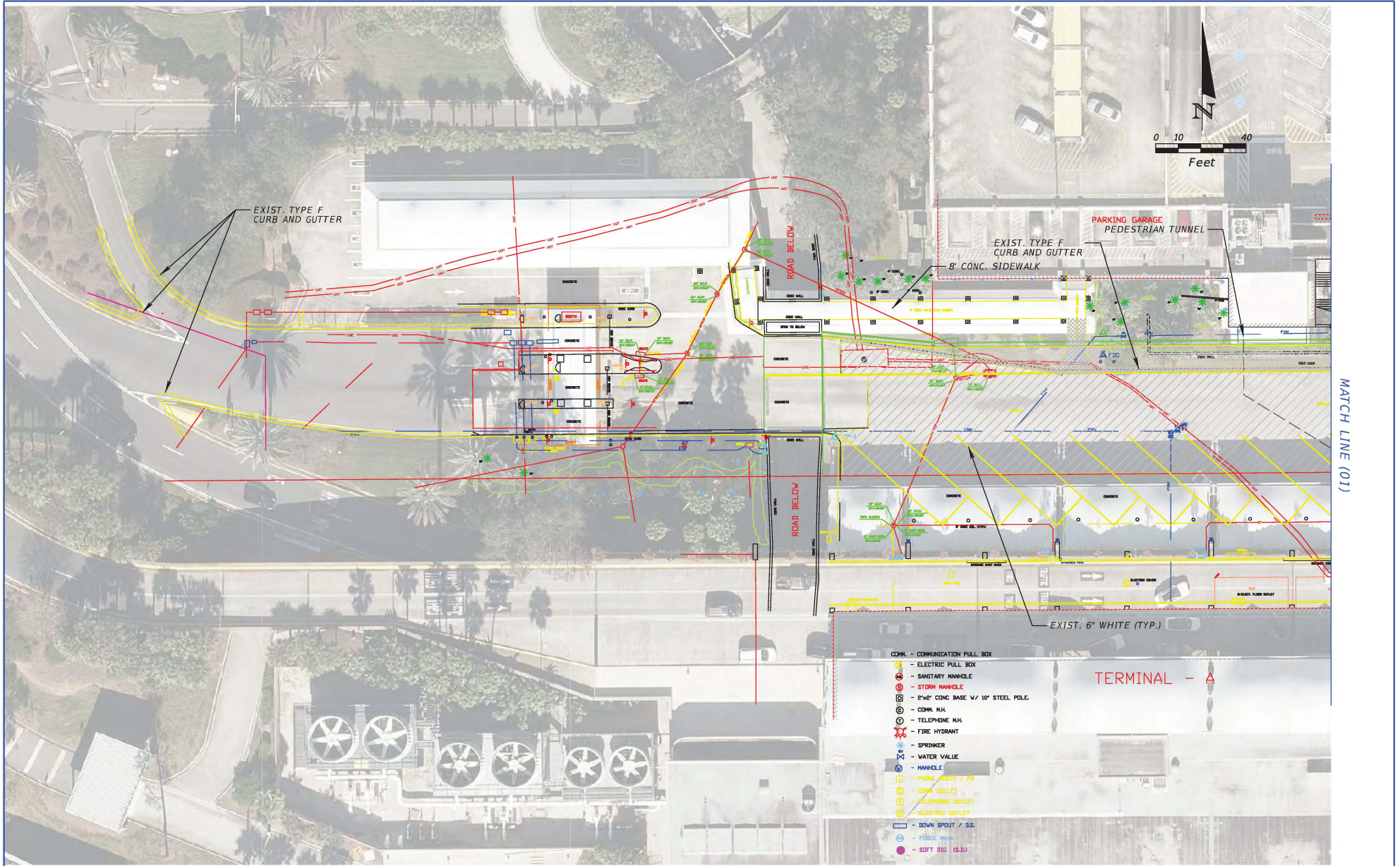
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC.

A handwritten signature in blue ink, appearing to read "Ch. Meyer".

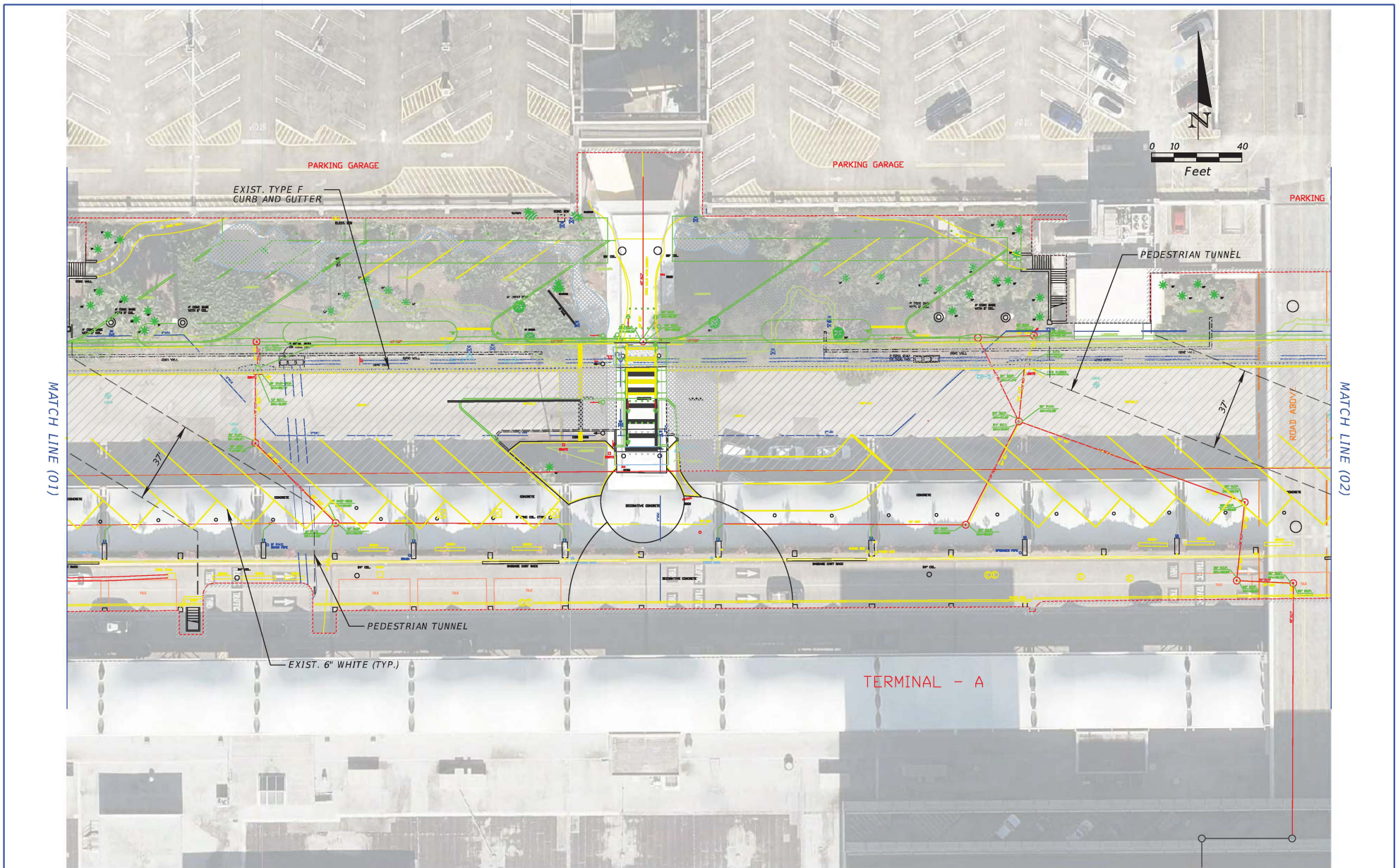
Christopher P. Meyer, P.E.
Senior Geotechnical Engineer

Attachment 1: Project Exhibit

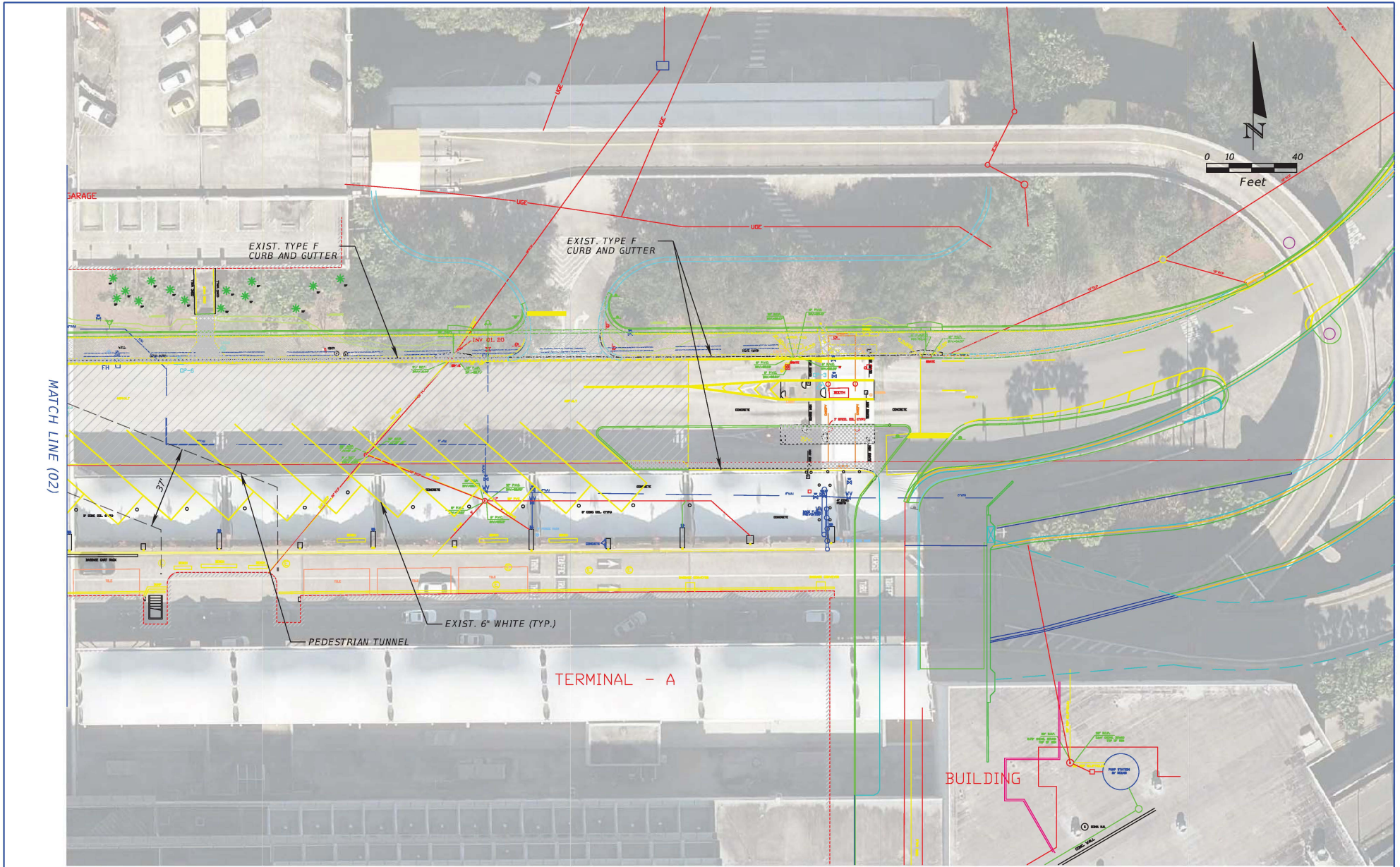
Attachment 2: Geotechnical Fee Breakdown (C-Tables)



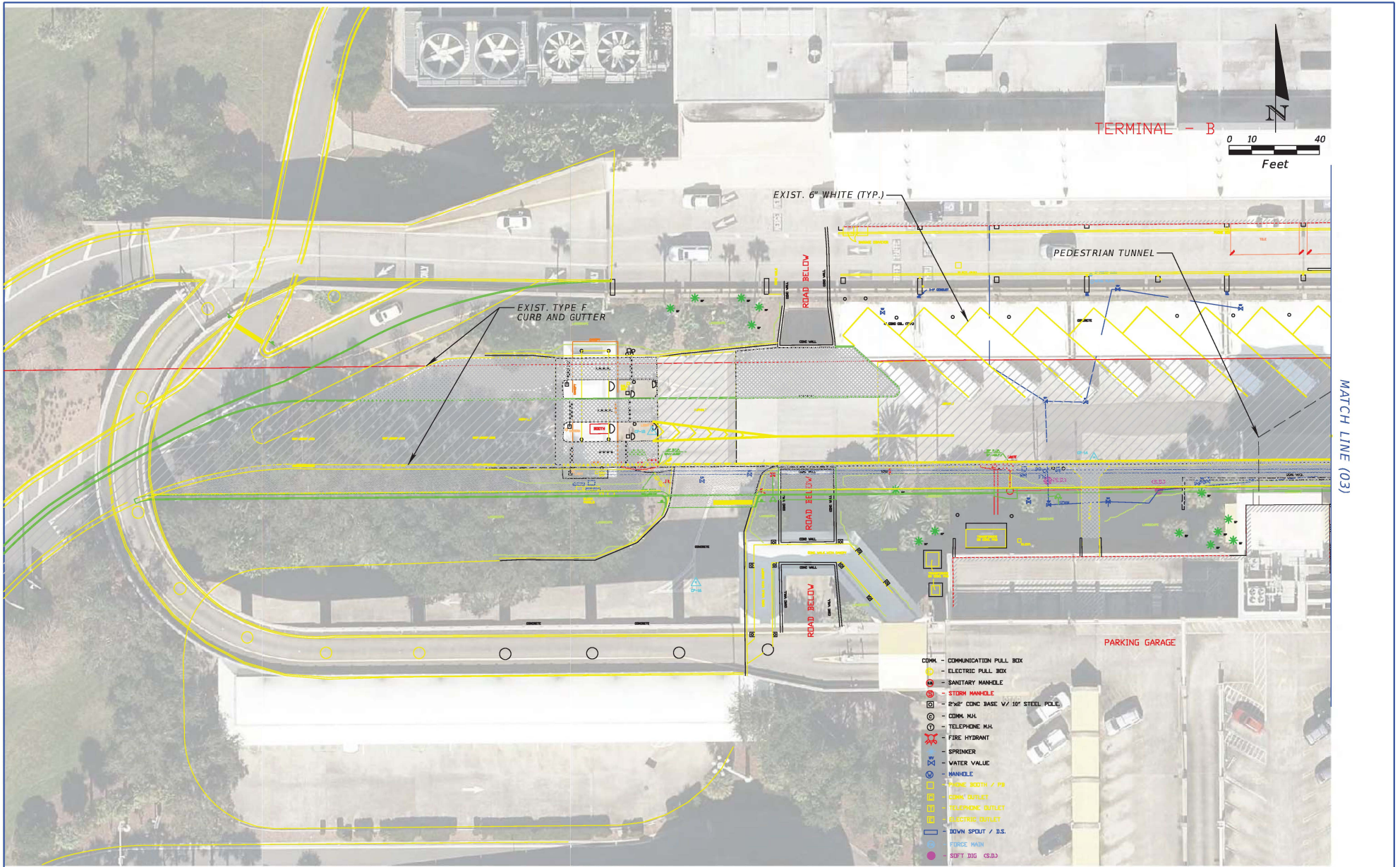
REVISIONS				MARK L. BACAL, P.E. P.E. LICENSE NUMBER 84238 KIMLEY HORN AND ASSOCIATES INC. 200 SOUTH ORANGE AVENUE, SUITE 600 ORLANDO, FLORIDA, 32801 REGISTRY NO. 35106	 GREATER ORLANDO AVIATION AUTHORITY	GREATER ORLANDO AVIATION AUTHORITY	COMMERCIAL LANES TERMINAL A	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					



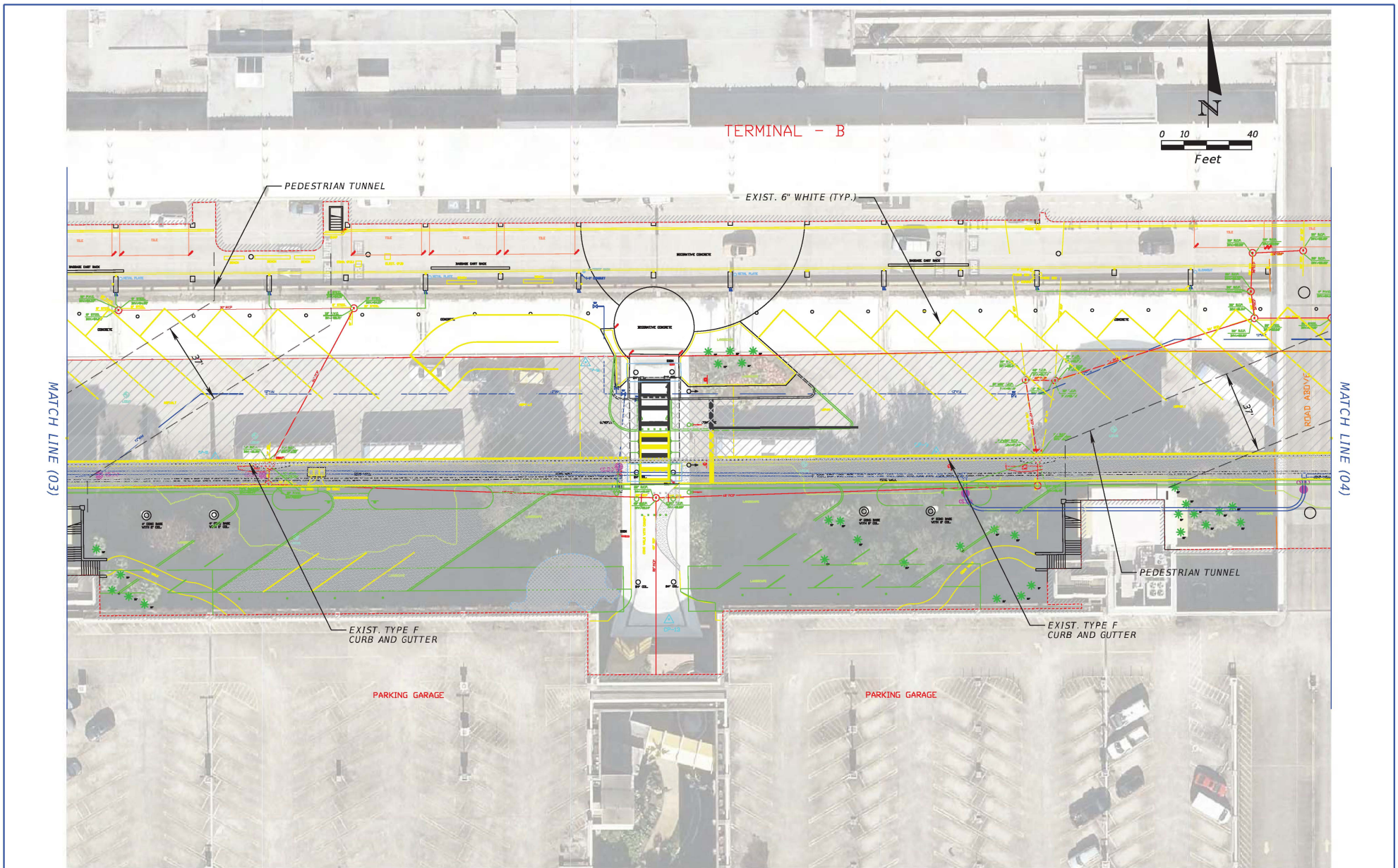
REVISIONS				MARK L. BACAL, P.E. P.E. LICENSE NUMBER 84238 KIMLEY HORN AND ASSOCIATES INC. 200 SOUTH ORANGE AVENUE, SUITE 600 ORLANDO, FLORIDA, 32801 REGISTRY NO. 35106	 GREATER ORLANDO AVIATION AUTHORITY	GREATER ORLANDO AVIATION AUTHORITY	COMMERCIAL LANES TERMINAL A	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					



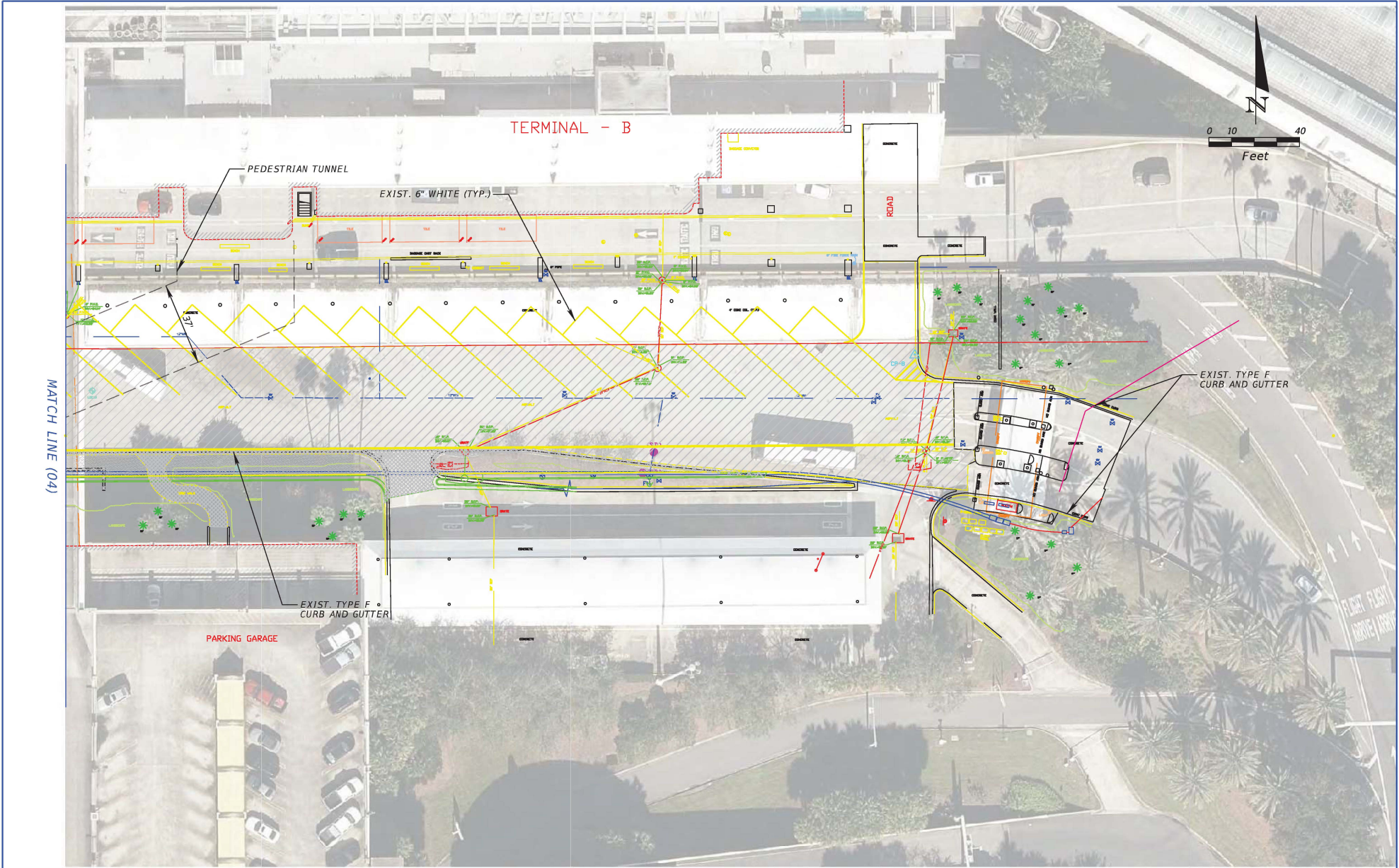
REVISIONS				MARK L. BACAL, P.E. P.E. LICENSE NUMBER 84238 KIMLEY HORN AND ASSOCIATES INC. 200 SOUTH ORANGE AVENUE, SUITE 600 ORLANDO, FLORIDA, 32801 REGISTRY NO. 35106	 GREATER ORLANDO AVIATION AUTHORITY	GREATER ORLANDO AVIATION AUTHORITY	COMMERCIAL LANES TERMINAL A	SHEET NO.
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DATE	DESCRIPTION	DATE	DESCRIPTION				



REVISIONS				MARK L. BACAL, P.E. P.E. LICENSE NUMBER 84238 KIMLEY HORN AND ASSOCIATES INC. 200 SOUTH ORANGE AVENUE, SUITE 600 ORLANDO, FLORIDA, 32801 REGISTRY NO. 35106	 GREATER ORLANDO AVIATION AUTHORITY	GREATER ORLANDO AVIATION AUTHORITY	COMMERCIAL LANES TERMINAL B	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					



REVISIONS		DATE	DESCRIPTION	MARK L. BACAL, P.E. P.E. LICENSE NUMBER 84238 KIMLEY HORN AND ASSOCIATES INC. 200 SOUTH ORANGE AVENUE, SUITE 600 ORLANDO, FLORIDA, 32801 REGISTRY NO. 35106		GREATER ORLANDO AVIATION AUTHORITY	COMMERCIAL LANES TERMINAL B	SHEET NO.
DATE	DESCRIPTION							

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

Position:		PRINCIPAL		QC REVIEWER		SENIOR PROJECT MANAGER		ENGINEER		SENIOR ENGINEERING TECHNICIAN		PROJECT CAD/CAD TECHNICIAN		ADMINISTRATIVE ASSISTANT		TOTAL		
Geotechnical Engineering Consultants (GEC)		\$305		\$270		\$224		\$127		\$87		\$86		\$72				Avg. Hourly
Rate (\$/Hour):																		
Task #		labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
1	Schematic Design (30%)																	
1.2.1	Project Kick-Off Meeting	0	\$0	0	\$0	2	\$448	2	\$254	0	\$0	0	\$0	0	\$0	4	\$702	\$176
1.6.1	Geotechnical Investigation	4	\$1,220	6	\$1,620	12	\$2,688	44	\$5,588	16	\$1,392	14	\$1,204	8	\$576	104	\$14,288	\$137
	Sub-Total Schematic Design (30%)	4	\$1,220	6	\$1,620	14	\$3,136	46	\$5,842	16	\$1,392	14	\$1,204	8	\$576	108	\$14,990	\$139
	TOTAL NOT TO EXCEED FEE:	4	\$1,220	6	\$1,620	14	\$3,136	46	\$5,842	16	\$1,392	14	\$1,204	8	\$576	108	\$14,990	\$139

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-6
BREAKDOWN OF NOT TO EXCEED REIMBURSABLE EXPENSES

REIMBURSABLE EXPENSES
Geotechnical Engineering Consultants (GEC)

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.

1	Field Investigation						
	Soil Survey/Coring/GPR Mobilization	each	2.0	712.50	\$	1,425.00	Coring crew and Hand Auger crew
	Support Truck*	day	4.0	300.00	\$	1,200.00	
	Coring Machine	day	2.0	150.00	\$	300.00	
	GPS Unit	day	1.0	120.00	\$	120.00	mark cores/borings
	Soil Survey/Coring Crew (3 person)*	hour	16.0	405.00	\$	6,480.00	10 DCP borings to 2 ft and 10 auger borings to 5 ft
	Drill Rig and Crew – Truck/Mud Bug (3 person)*	hour	2.0	577.50	\$	1,155.00	patching/cleanup
	Roadway Pavement Cores (night with MOT)	each	20.0	400.00	\$	8,000.00	
	MOT Portable Safety Signs	day	6.0	65.00	\$	390.00	
	MOT Channelization Cones (each)	day	30.0	6.50	\$	195.00	
	Hole Plug (Bag)	each	10.0	35.00	\$	350.00	
				Field Subtotal	\$	19,615.00	
2	Laboratory Soil Testing						
	Natural Moisture Content	each	15.0	\$ 20.00	\$	300.00	10 on core subgrade and 5 on AB's
	Percent Fines	each	0.0	55.00	\$	-	
	Sieve Analysis - Soil	each	15.0	80.00	\$	1,200.00	10 on core subgrade and 5 on AB's
	Organic Content	each	2.0	54.00	\$	108.00	
	Atterberg Limits (Plastic & Liquid Limits)	each	8.0	140.00	\$	1,120.00	
	Asphalt Content	each	10.0	140.00	\$	1,400.00	10 on cores
	Asphalt Gradation	each	10.0	95.00	\$	950.00	10 on cores
				Laboratory Subtotal	\$	5,078.00	
TOTAL REIMBURSABLE EXPENSES GEC :					\$	24,693.00	

*50% Surcharge for Night/Weekend Work

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
PRIME ENGINEERING CONSULTANT		
	PRINCIPAL	\$ -
	SR. PROJECT MANAGER	\$ -
	PROJECT MANAGER	\$ -
	SR. PROJ. ENGINEER	\$ -
	PROJECT ENGINEER / DESIGNER	\$ -
	ENGINEER / DESIGNER	\$ -
	SR. CADD DESIGNER	\$ -
	SENIOR INSPECTOR	\$ -
	CONTRACT ADMINISTRATOR	\$ -

SUB #1		
Geotechnical Engineering Consultants (GEC)	PRINCIPAL	\$ 305
Geotechnical Engineering Consultants (GEC)	QC REVIEWER	\$ 270
Geotechnical Engineering Consultants (GEC)	SENIOR PROJECT MANAGER	\$ 224
Geotechnical Engineering Consultants (GEC)	SENIOR ENGINEER	\$ 172
Geotechnical Engineering Consultants (GEC)	ENGINEER	\$ 127
Geotechnical Engineering Consultants (GEC)	ENGINEER INTERN	\$ 99
Geotechnical Engineering Consultants (GEC)	SENIOR ENGINEERING TECHNICIAN	\$ 87
Geotechnical Engineering Consultants (GEC)	PROJECT CAD/CAD TECHNICIAN	\$ 86
Geotechnical Engineering Consultants (GEC)	ADMINISTRATIVE ASSISTANT	\$ 72
Geotechnical Engineering Consultants (GEC)	ENGINEERING TECHNICIAN	\$ 66

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: Kimley-Horn and Associates, Inc.



By: _____

Print Name: Hao Chau / Vice President

Date: 9/09/2024



MEMORANDUM

TO: Members of the Procurement Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: October 01, 2024

ITEM DESCRIPTION

Request for Recommendation of Approval of an Addendum to the Continuing Civil Engineering Services Agreement with Kimley-Horn and Associates, Inc. for Design Services for BP-00508-MCO Commercial Lanes Terminal A&B Pavement Rehabilitation Project, Orlando International Airport

SMALL BUSINESS

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and have determined that Kimley-Horn and Associates, Inc. proposes 22% MWBE participation on this addendum.

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

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

Name of Airport: Orlando International Airport

Telephone No: (407) 825-7179

Address: One Jeff Fuqua Boulevard, Orlando, FL 32827

Project Name & Number: Request for Recommendation of Approval of an Addendum to the Continuing Civil Engineering Services Agreement with Kimley-Horn and Associates, Inc. for Desing Services for BP-00508-MCO Commercial Lanes Terminal A&B Pavement Rehabilitation Project, Orlando International Airport

1. Construction Information:

Addendum Amount: _____

2. MWBE Goal by Group Representation:

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

3.a. Prime Contractor Information:

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

3.b. Name and Address of MWBE Subcontractor

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

3.c. *Identity: _____

Work Item(s): _____

Amount of Subcontract _____

Percent of Prime Contract (%): _____

4. Engineering/Professional Services Information:

Addendum Amount: \$349,019.00

5. MWBE Goal by Group Representation:

Asian Pacific American	<u>38,595.00</u>	Actual Result	<u>11%</u>
Asian Subcontinent American	<u>-</u>	Actual Result	<u>0%</u>
Black American	<u>39,683.00</u>	Actual Result	<u>11%</u>
Caucasian Female American	<u>-</u>	Actual Result	<u>0%</u>
Hispanic American	<u>-</u>	Actual Result	<u>0%</u>
Native American	<u>-</u>	Actual Result	<u>0%</u>
Other	<u>-</u>	Actual Result	<u>0%</u>
Total MWBE Participation	<u>78,278.00</u>	Actual Result	<u>22%</u>

6.b. Engineering / Professional Service Firm Information:

Name: Kimley-Horn and Associates, Inc.
Address: 189 South Orange Avenue, Suite 1000
City, State, Zip: Orlando, FL 32801
Telephone: (407) 898-1511

6.b. Name and Address of MWBE Subconsultant

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

6.c. *Identity: _____

Work Item(s): _____

Amount of Subcontract _____

Percent of Prime Contract (%): _____

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

MWBE Subcontractor/Subconsultant Certification		
Project Name & Number:	Request for Recommendation of Approval of an Addendum to the Continuing Civil Engineering Services Agreement with Kimley-Horn and Associates, Inc. for Desing Services for BP-00508-MCO Commercial Lanes Terminal A&B Pavement Rehabilitation Project, Orlando International Airport	
Prime Firm:	Kimley-Horn and Associates, Inc.	
Addendum Amount:	\$349,019.00	
Company Name	L & S Diversified, LLC	Geotechnical and Environmental Consultants, Inc.
Address	PO Box 149487 Suite 117	919 Lake Baldwin Lane
City, State, Zip	Orlando, FL 32814	Orlando, FL 32814
Phone	407-681-3836	407-898-1818 Ext. 8972
Identity	Asian Pacific American	Black American
Work Item	Survey	Geotechnical
Amount of Subcontract	\$38,595.00	39,683.00
Percentage	11.1%	11.4%
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		
Company Name		
Address		
City, State, Zip		
Phone		
Identity		
Work Item		
Amount of Subcontract		
Percentage		
	\$78,278.00	22%
	\$349,019.00	



MEMORANDUM

TO: Members of the Aviation Authority

FROM: Scott Shedek, Chair, Construction Committee

DATE: October 16, 2024

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve an Addendum to the Continuing Civil Engineering Services Agreement with Kimley-Horn and Associates, Inc. (KHA) for Design Services for Bid Package (BP) No. 00508, Commercial Lanes Terminals A and B Pavement Rehabilitation, at the Orlando International Airport (MCO)

BACKGROUND

On March 15, 2023, the Aviation Authority Board approved Continuing Civil Engineering Services Agreements with the following firms, following a competitive award process in compliance with state statutes and Aviation Authority policies:

- AECOM Technical Services, Inc.
- Atkins North America, Inc.
- Avcon Inc. (MWBE)
- C&S Engineers, Inc.
- Kimley-Horn and Associates, Inc.
- Mead & Hunt, Inc.

The agreements are structured as a no-cost base agreement with negotiated hourly rates. Services that are within the advertised scope are negotiated on an as-needed or annual basis, and awarded as addenda to the base agreement. The terms of these agreements shall be for a period of five years.

Services consist of continuing civil engineering services and related professional services, including but not limited to, civil, traffic, environmental, structural evaluation and design; landscape and irrigation design; utilities and infrastructure design; airfield design; roadway and signage design; surveying; cost estimating; scheduling; geotechnical services; stormwater management consulting and design services; and all other related services including coordination with the Aviation Authority, its Consultants, the City of Orlando and all agencies having jurisdiction over the facilities such as the Federal Aviation Administration, the Transportation Security Administration, the Florida Department of Transportation, and the Orlando Utilities Commission.

The Services may also include studies and preparation of reports involving scope definition and validation of projects, analysis of design parameters, budget development, evaluation and documentation of existing conditions; design, bid/procurement and award, design/build, design criteria package development, permitting, construction administration, resident engineering, master document support, technical support and review of documents prepared by others, design management support on various Aviation Authority projects and all other engineering and related professional services.

ISSUES

BP No. 00508 will rehabilitate the commercial lanes on both sides of Terminals A and B, and include concrete slab replacement, concrete joint and crack filling and sealing, asphalt paving, roadway striping and signage.

A fee has been negotiated with Kimley-Horn and Associates, Inc. for a total amount of \$349,019, for the development of final design and construction plans for BP No. 00508. Services will consist of design services through bid and award, permitting, and other related services necessary for the project. Services may include, but are not limited to, development of roadway and temporary traffic control construction plans; development of one bid package including bid tabulation form and one opinion of probable construction cost; submission of a Request for Permit Exemption through the South Florida Water Management District; topographic survey and geotechnical investigation to develop the plans with Full Depth Reclamation (FDR) asphalt pavement design and concrete pavement repair details, and bid and award phase services. It is anticipated that services will be required for approximately seven months.

On October 1, 2024, the Construction Committee recommended the approval of an Addendum to the Continuing Civil Engineering Services Agreement with KHA for Design Phase Services for BP No. 00508, Commercial Lanes Terminals A and B Pavement Rehabilitation, at MCO.

SMALL BUSINESS

The Small Business Development Department has reviewed the proposal from KHA, and determined that KHA proposes 22% Minority and Women Business Enterprise (MWBE) participation on this Addendum and certifies that KHA is in good standing as it relates to its small business participation.

ALTERNATIVES

None.

FISCAL IMPACT

Fiscal impact is \$349,019. Funding is from Line of Credit to be reimbursed by 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 Continuing Civil Engineering Services Agreement with Kimley-Horn and Associates, Inc. for Design Services for BP No. 00508, Commercial Lanes Terminals A and B Pavement Rehabilitation at MCO, for the total amount of \$349,019, which includes the not-to-exceed fees amount of \$324,226 and the not-to-exceed expenses amount of \$24,793, with funding from Line of Credit to be reimbursed by General Airport Revenue Bonds; and, authorize the Chief Executive Officer or an Aviation Authority Officer to execute the necessary documents following satisfactory review by legal counsel.