

18-0166-001

Task Order No. 25
Project No.: 12188
Consultant: HDR Engineering, Inc.

TASK ORDER No. 25

Dated this _____ day of _____, 2018

CITY PROJECT No. 12188

FORT LAUDERDALE PUBLIC WORKS DEPARTMENT

FORT LAUDERDALE EXECUTIVE AIRPORT CONSTRUCTION PHASE SERVICES FOR ADMINISTRATION BUILDING RENOVATIONS

PROFESSIONAL SERVICES

This Task Order between the City of Fort Lauderdale, a municipal corporation ("CITY") and HDR Engineering, Inc., a Nebraska corporation authorized to transact business in the State of Florida ("CONSULTANT") is pursuant to the Agreement for General Engineering Aviation Consulting Services dated August 19, 2014, with final extension expiring on August 18, 2018 ("MASTER AGREEMENT").

PROJECT BACKGROUND

The Fort Lauderdale Executive Airport (FXE) Administration Building is approximately 10,000 square feet in area and is located at 6000 NW 21st Avenue, in Fort Lauderdale, Florida. The facility was completed in 2002 and houses the Airport's administrative and airfield operations staff as well as a police substation. The subject project consists of the renovation and addition to the Administration Building (See Exhibit B). The project includes the following scope:

1. Convert the existing conference room into offices.
2. New 1,900 square foot conference/multi-purpose room at the southwest quadrant of the building.
3. Renovation of building electrical, HVAC, and finishes.
4. New patio adjacent to the new conference room.
5. Modify the entrance driveway to the building.
6. Landscape improvements to the Administration Building site.
7. Installation of car charging station.

SCOPE OF SERVICES

CONSULTANT performed planning, design, and permitting services for the renovation project under the above project number. CITY wishes for CONSULTANT to continue to support the project administration in the construction phase. The scope can be generally described as construction administration, testing, and inspection services.

Services to be provided by CONSULTANT shall include the following tasks:

1. Task 1 Construction Administration

CONSULTANT will perform the following general construction administration services.

- 1.1. Coordinate Task 1 activities among the CONSULTANT team. Coordination shall consist of determining availability for meetings, distributing inquiries and submittals for review, reviewing and submitting responses on behalf of sub-consultants, compiling plan revisions, maintaining the construction documents, providing QA/QC during construction period, and processing payment requests.
- 1.2. Conduct a pre-construction meeting prior to the issuance of a notice to proceed to review the schedule, phasing and Contractor's operations; CONSULTANT will prepare the agenda, take attendance, and write meeting notes after the meeting for distribution to the attendees.
- 1.3. Prepare Conformed Documents as part of the final release of documents for construction.
- 1.4. Review construction schedule monthly and perform analysis to determine percent of work completed and if project is on schedule.
- 1.5. Facilitate responses to clarification requests of Construction Documents or Requests for Information (RFI) received from the contractor.
- 1.6. Review change orders for cost and entitlement, perform technical analysis, and provide written justification to CITY, including recommendation for action. CONSULTANT will perform up to three independent Opinions of Probable Cost (OPC).
- 1.7. Provide assistance to CITY in resolving claims and disputes. CONSULTANT'S role will be to advise the CITY of the applicable portions of the contract documents. If requested, CONSULTANT will provide up to three opinions of probable cost for change order work.
- 1.8. Participate in construction progress meetings with the Contractor and the Owner on a bi-weekly basis. CONSULTANT shall schedule meetings, provide the agenda, take attendance, and provide notes from the meetings. After the meeting, CONSULTANT will perform a site visit to visually observe the progress of construction and to determine, in general, if the work is proceeding in accordance with the Contract Documents. Summary reports to be submitted to CITY within three days of the site visit.
- 1.9. CONSULTANT shall coordinate with FXE staff regarding sequencing of construction activities.
- 1.10. Permitting
 - 1.10.1. Prepare a Certification of Completion package and submit to Broward County for the Storm Water Management (SWM) License.
- 1.11. Review shop drawings or other submissions as to conformance with design concept and construction documents. Determine the acceptability, subject to approval by CITY of substitute materials and equipment proposed by the Contractor and receive and review (for general content as required by the specifications) maintenance and operation instruction, schedules, guarantees, and certificates of inspection which are to be assembled by the Contractor in accordance with the contract documents. Incorporate CITY's comments with respect to the same.
- 1.12. Review the contractor's monthly payment requests, verify percent complete, and verify back-up documentation is submitted and correct, such as lien waivers and schedule updates. Recommend action to CITY.
- 1.13. Participate in the preparation of the punch list for substantial and final acceptance inspection.
- 1.14. Participate in the final inspection of the project. Provide a recommendation as to whether all work is complete and in conformance with the Contract Documents.
- 1.15. Coordinate, obtain, and review, project close-out documentation from the Contractor for submission to CITY. Expected items are change order summary, as-built drawings,

Operations and Maintenance (O&M) manuals, warranties, and certifications. Advise CITY of discrepancies and/or missing information.

- 1.16. Prepare reproducible "Record Drawings" based upon information supplied by the RPR and construction contractor(s).
- 1.17. Assist the Contractor and CITY in obtaining Certificate of Occupancy and other governmental/regulatory agency approvals for occupancy of the building. CONSULTANT is only responsible for assisting with items related to the design professional and inspection services described herein. CONSULTANT shall not be the primary coordinator of agency approvals.

Deliverables:

CONSULTANT shall provide the following for CITY review and written approval:

- Pre-construction meeting notes.
- Conformed construction documents in PDF format.
- Weekly site visit summaries in PDF format.
- Revised plans in CAD and pdf format (two copies, signed and sealed for permitting and submittal to FDOT).
- Monthly construction schedule review in PDF format.
- RFI responses and log in PDF format.
- Change order recommendations and log in PDF format.
- Up to three Independent OPC in Microsoft Excel and PDF format.
- Bi-weekly Contractor meeting notes in PDF format.
- Submittal responses and log in PDF format.
- Monthly Contractor payment request recommendations in PDF format.
- Punch list in PDF format.
- Certification of punch list completion in PDF format.
- Recommendation for Contractor's request for substantial completion in PDF format.
- Final inspection recommendation in PDF format.
- Project close out package in PDF format.
- Record drawings in PDF and AutoCAD 2013 format.

2. Task 2 – Inspection Services

- 2.1. Provide inspections three days per week (4 hours per inspection for 180 day construction schedule + 30 day Substantial Completion totaling 210 days) on the site to observe the progress and quality of the executed work and to determine, in general, if the work is proceeding in accordance with the Contract Documents. This work to be performed by SUBCONSULTANT, ACAI.
- 2.2. Provide daily construction reports and coordinate efforts with the selected Contractor. Maintain record copies of all contract correspondence for the project, particularly documentation that approve or modify elements of the contract documents during construction (180 day construction schedule + 30 day Substantial Completion totaling 210 days) to visually observe the progress of construction for compliance with the Contract Documents and to review the Contractor's progress. Report to the CITY PM the results of field observations within 2 business days. This work to be performed by SUBCONSULTANT, ACAI.
- 2.3. Provide construction materials testing (CMT) for subgrade, concrete, and masonry. This work to be performed by SUBCONSULTANT, Tierra South Florida.
- 2.4. Provide special inspector services for concrete, masonry, and steel as required by the CITY Building Permit. This work to be performed by SUBCONSULTANT, Tierra South Florida.

Deliverables:

The CONSULTANT shall provide the following for CITY review and written approval:

- Daily construction reports in PDF format.
- Copies of all CMT reports (signed and sealed).

3. Task 3 Expenses

- 3.1. All project related reprographic costs and supplies, interim review document printing, mail and express mail services and printing and plotting costs associated with preparation of contract documents are included in the reimbursable expense task.
- 3.2. ACAI Associates, Inc. - Architectural construction phase services associated with the scope described in Tasks 1 and 2.
- 3.3. Delta G Consulting Engineers, Inc. – Mechanical, Electrical, Plumbing, and Fire construction phase services associated with the scope described in Task 1.
- 3.4. Tierra South Florida – Construction materials testing (CMT) and special inspector services associated with the scope described in Tasks 1 and 2.

Deliverables:

CONSULTANT shall provide the following for CITY review and written approval:

- Receipts for direct expenses incurred.
- Deliverables for Subconsultant portion of scope items described in Tasks 1 and 2.

PROJECT ASSUMPTIONS

1. Permit fees will be provided by CITY.
2. Airspace review and coordination with the FAA is excluded from this agreement and will be addressed by CITY.
3. Landscaping and irrigation construction administration will be performed by CITY.
4. Inspection services may be required to be performed during nighttime and/or weekend hours.

ADDITIONAL SERVICES

If authorized in writing by CITY as an amendment to this Task Order, CONSULTANT shall furnish, or obtain, Additional Services of the types listed in Article 8 of the MASTER AGREEMENT. CITY, as indicated in the MASTER AGREEMENT, will pay for these services.

PERFORMANCE SCHEDULE

CONSULTANT shall perform the services identified herein concurrent with the project construction schedule, which anticipates 180 calendar days from Contractor's Notice to Proceed to Substantial Completion and 30 calendar days from Substantial Completion to Final Completion.

PROJECT FUNDING

Performance of this project is at CITY's discretion and may be contingent upon receipt by CITY of funding from the Airport's approved Capital Improvement Plan (CIP) and/or a Joint Participation Agreement from the Florida Department of Transportation, and work shall not begin until funding sources for this project are in place.

METHOD OF COMPENSATION

The services performed will be accomplished using the Not-to-Exceed method of compensation. Reimbursable expenses associated with these services are not included in the fees and will be itemized separately, subject to an established Not-to-Exceed limit. The total hourly rates

payable by CITY for each of CONSULTANT's employee categories, reimbursable expenses and sub-consultant fees are shown on Exhibit "A" attached hereto and made a part hereof.

TERMS OF COMPENSATION

Services will be provided for the following Not-to-Exceed amounts:

Task No.	Task Title	HDR Labor	Subconsultant Labor	Total
1	Construction Administration	\$76,474.50	\$ -	\$ 76,474.50
2	Inspection Services	\$ 7,939.00		\$ 7,939.00
	Subconsultant Services			
	ACAI		\$ 71,580.00	\$ 71,580.00
	DeltaG		\$ 44,200.00	\$ 44,200.00
	TSF		\$ 10,476.00	\$ 10,476.00
	Sub-Total	\$84,413.50	\$ 126,256.00	\$ 210,669.50
	Reimbursable Expenses	\$ 200.00	\$ -	\$ 200.00
	Total	\$84,613.50	\$ 126,256.00	\$ 210,869.50

CONTRACT PROVISIONS FOR NON-AIP and OBLIGATED SPONSORS

GENERAL CIVIL RIGHTS PROVISIONS

CONSULTANT agrees to comply with pertinent statutes, Executive Orders and such rules as are promulgated to ensure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance.

This provision binds CONSULTANT and sub-tier contractors from the bid solicitation period through the completion of the contract. This provision is in addition to that required of Title VI of the Civil Rights Act of 1964.

TITLE VI CLAUSES FOR COMPLIANCE WITH NON-DISCRIMINATION REQUIREMENTS

Compliance with Nondiscrimination Requirements

During the performance of this contract, CONSULTANT, for itself, its assignees, and successors in interest (hereinafter referred to as the "CONSULTANT") agrees as follows:

1. Compliance with Regulations: CONSULTANT (hereinafter includes consultants) will comply with the Title VI List of Pertinent Nondiscrimination Acts And Authorities, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. Non-discrimination: CONSULTANT, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the

15-01-2018 10:52 AM

Task Order No. 25

Project No.: 12188

Consultant: HDR Engineering, Inc.

selection and retention of subcontractors, including procurements of materials and leases of equipment. CONSULTANT will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.

3. Solicitations for Subcontracts, Including Procurements of Materials and Equipment: In all solicitations, either by competitive bidding, or negotiation made by CONSULTANT for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by CONSULTANT of CONSULTANT's obligations under this contract and the Nondiscrimination Acts And Authorities on the grounds of race, color, or national origin.
4. Information and Reports: CONSULTANT will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the sponsor or the Federal Aviation Administration to be pertinent to ascertain compliance with such Nondiscrimination Acts And Authorities and instructions. Where any information required of a CONSULTANT is in the exclusive possession of another who fails or refuses to furnish the information, CONSULTANT will so certify to the sponsor or the Federal Aviation Administration, as appropriate, and will set forth what efforts it has made to obtain the information.
5. Sanctions for Noncompliance: In the event of CONSULTANT's noncompliance with the Non-discrimination provisions of this contract, the sponsor will impose such contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:
 - a. Withholding payments to CONSULTANT under the contract until CONSULTANT complies; and/or
 - b. Cancelling, terminating, or suspending a contract, in whole or in part.
6. Incorporation of Provisions: CONSULTANT will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. CONSULTANT will take action with respect to any subcontract or procurement as the sponsor or the Federal Aviation Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if CONSULTANT becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, CONSULTANT may request the sponsor to enter into any litigation to protect the interests of the sponsor. In addition, CONSULTANT may request the United States to enter into the litigation to protect the interests of the United States.

TITLE VI LIST OF PERTINENT NONDISCRIMINATION ACTS AND AUTHORITIES

During the performance of this contract, CONSULTANT, for itself, its assignees, and successors in interest (hereinafter referred to as the "CONSULTANT") agrees to comply with the following non- discrimination statutes and authorities; including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin);
- 49 CFR part 21 (Non-discrimination In Federally-Assisted Programs of The Department of Transportation—Effectuation of Title VI of The Civil Rights Act of 1964);
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub- recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 – 12189) as implemented by Department of Transportation regulations at 49 CFR parts 37 and 38;
- The Federal Aviation Administration’s Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 *et seq.*).

CITY CONTACTS

Requests for payments should be directed to City of Fort Lauderdale Accounts Payable via e-mail to AcctsPayable@FortLauderdale.gov. All other correspondence and submittals should be directed to the attention of Fernando Blanco, Airport Engineer/Project Manager II, at the address shown below. **Please be sure that all correspondence refers to the City project number and title as stated above.**

Fernando Blanco
Airport Engineer/Project Manager II
City of Fort Lauderdale
City Hall, 5th Floor Engineering
100 North Andrews Avenue
Fort Lauderdale, FL 33301
Email: fblanco@fortlauderdale.gov
Phone: 954-828-6536
Fax: 954-828-5074

Jill Prizlee, P.E.
Senior Project Manager
City of Fort Lauderdale
City Hall, 4th Floor Engineering
100 North Andrews Avenue
Fort Lauderdale, FL 33301
Email: jprizlee@fortlauderdale.gov
Phone: 954-828-5962
Fax: 954-828-5074

CONSULTANT CONTACTS

HDR Engineering, Inc.
3250 West Commercial Blvd.
Suite 100
Fort Lauderdale, FL 33309
Cody Parham, P.E., Project Manager
Email: Cody.Parham@hdrinc.com
Phone: 561-209-6641
Fax: 954-233-4953

[REMAINDER OF PAGE LEFT INTENTIONALLY BLANK]

11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

Task Order No. 25
Project No.: 12188
Consultant: HDR Engineering, Inc.

IN WITNESS OF THE FOREGOING, the parties have set their hands and seals the day and year first written above.

CITY

CITY OF FORT LAUDERDALE, a municipal corporation of the State of Florida.

ATTEST:

By _____
LEE R. FELDMAN, City Manager or *Designee

JEFFREY A. MODARELLI
City Clerk

Date: _____

*Pursuant to Section 2-178(6) Code of the City of Fort Lauderdale, FL

(CORPORATE SEAL)

CONSULTANT

WITNESESS:

Sofia Diaz
Signature:

Sofia Diaz
Print Name:

Cody Parham
Signature:

CODY PARHAM
Print Name:

HDR ENGINEERING, INC.,
A Nebraska Corporation authorized to
transact business in the State of Florida

By: Timothy J. Fish
Timothy J. Fish
Associate Vice President

ATTEST:

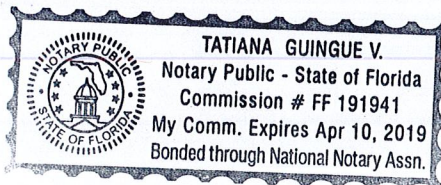
Bonnie J. Kudron
Bonnie J. Kudron
Assistant Secretary

(CORPORATE SEAL)

STATE OF Florida :
COUNTY OF Broward :

The foregoing instrument was acknowledged before me this 31 day of Jun, 2018, by Timothy J. Fish as Associate Vice President for HDR Engineering, Inc., a Nebraska corporation authorized to transact business in the State of Florida.

(SEAL)



Tatiana Guingue V.
Notary Public, State of Florida
(Signature of Notary Public)

Tatiana Guingue V.
Name of Notary Typed, Printed or Stamped

Personally Known P OR Produced Identification _____
Type of Identification Produced _____

EXHIBIT A

LABOR TASKS-HDR ENGINEERING, INC.		Principal	Sr. Project Manager	Project Manager	Staff Engineer	Senior Designer	Project Controller	Sr. Admin Asst.	LABOR SUBTOTALS
EXHIBIT 'A' TO FORM OF CONTRACT		\$242.25	\$212.50	\$187.00	\$148.75	\$102.00	\$85.00	\$63.75	
Task 1	Construction Administration								
1.1	Consultant team coordination	2	10	46		10	25	10	103
1.2	Pre construction meeting			4		8			12
1.3	Prepare conformed permit documents				2	10			12
1.4	Review construction schedule monthly			12					12
1.5	RFI response			16		30			46
1.6	Change order review			16		10			26
1.7	Claim and dispute assistance		6	12		15			33
1.8	Bi Weekly construction progress meetings			48		20			68
1.9	Construction sequencing coordination with owner			26					26
1.10	SWM License close out			8		10			18
1.11	Review submittals			24		15			39
1.12	Review pay requests			10					10
1.13	Punch list		4	16		15			35
1.14	Final inspection		4	8		4			16
1.15	Close out documentation			8		20			28
1.16	Record drawings			2		10			12
1.17	Certificate of occupancy assistance			8		4			12
Task 1 - Subtotal Hours		2	24	264	2	181	25	10	508
Task 1 - Subtotal Estimated Labor Cost		\$484.50	\$5,100.00	\$49,368.00	\$297.50	\$18,462.00	\$2,125.00	\$637.50	\$76,474.50
Task 2	Inspection Services								
2	Administration of testing reports and records			10		12			22
	Testing Contingency			15		20			35
Task 2 - Subtotal Hours		0	0	25	0	32	0	0	57
Task 2 - Subtotal Estimated Labor Cost		\$0.00	\$0.00	\$4,675.00	\$0.00	\$3,264.00	\$0.00	\$0.00	\$7,939.00
Total Hours		2	24	289	2	213	25	10	565
Billable Hourly Rate		\$242.25	\$212.50	\$187.00	\$148.75	\$102.00	\$85.00	\$63.75	
Total Estimated Direct Labor Effort		\$485	\$5,100	\$54,043	\$298	\$21,726	\$2,125	\$638	\$84,413.50
Direct Costs (From Below)									\$126,456.00
BASELINE PROJECT TOTAL									\$210,869.50
Direct Costs									
TASK	EXPENSE				ITEM	AMOUNT			
3	Expenses								
3.1	Reimbursable Expenses	1			Lump Sum	\$200.00			
	ACAI Associates, Inc. (Subconsultant)				NTE	\$71,580.00			
	Delta G Consulting Engineers (Subconsultant)				NTE	\$44,200.00			
	Tierra South Florida (Subconsultant)				NTE	\$10,476.00			
TOTAL DIRECT COSTS						\$126,456.00			

ACAI CONSTRUCTION MANAGER STAFF-HOUR ESTIMATE FOR								
Post Design Services for the FXE Administration Building at Fort Lauderdale Executive Airport								
								9-Nov-2017
	Architect	Proj. Manager	Staff Architect	Staff Profess'nl	CADD Tech.	Clerical	Total Hrs.	Labor
	\$150.00	\$150.00	\$115.00	\$85.00	\$65.00	\$50.00		
TASK DESCRIPTION - BASIC ENGINEERING								
1 Attend a pre-construction meeting	0	4	0	0	0	0	4	\$ 600.00
2 Site visits/inspections	0	36	0	320	0	0	356	\$ 32,600.00
3 Monthly construction schedule review and analysis	0	6	0	12	0	0	18	\$ 1,920.00
4 Review Change Orders and RFI's	0	0	24	0	40	0	64	\$ 5,360.00
5 OAC meetings Bi-Weekly (12)	0	0	0	24	0	8	32	\$ 2,440.00
6 Assist City in resolving claims	4	16	0	0	0	4	24	\$ 3,200.00
7 Review Pay Applications	0	0	0	24	0	6	30	\$ 2,340.00
8 Review shop drawings	0	16	0	96	0	0	112	\$ 10,560.00
9 Substantial Completion walk-thru and punch list	0	4	0	16	0	4	24	\$ 2,160.00
11 Final Completion walk-thru and inspection	0	4	0	12	0	4	20	\$ 1,820.00
12 Coordinate and Review Close-Out Documents	0	16	4	0	16	4	40	\$ 4,100.00
13 Assist City obtaining CO	0	24	0	8	0	4	36	\$ 4,480.00
							0	\$ -
Subtotal	4	122	28	512	56	34	756	\$ 71,580.00

Fort Lauderdale Executive Airport				Delta G Consulting Engineers, Inc.			
FXE Administration Bldg. Expansion & Renovation				707 N.E. 3rd Ave Suite 200			
Construction Phase Fees				Fort Lauderdale, FL 33304			
Date:				954-527-1112			
Fee Worksheet	Craig Bozeman	Stephen Bender	Jose Perez	Jorge Bahamonde	Ricardo Torres	Teresa Villamil	
	Electrical	Mechanical	Mechanical	Fire Sprinkler	Plumbing	Senior	
	Sr. Engineer	Project Manager	Sr. Designer	Sr. Designer	Sr. Designer	CADD Tech	Phase
	\$190.00	\$190.00	\$125.00	\$125.00	\$125.00	\$85.00	Total
Items 1 through 3	12	64	12	10	10	0	108
	\$2,280.00	\$12,160.00	\$1,500.00	\$1,250.00	\$1,250.00	\$0.00	\$18,440.00
Items 4 through 6	16	8	16	12	12	4	68
	\$3,040.00	\$1,520.00	\$2,000.00	\$1,500.00	\$1,500.00	\$340.00	\$9,900.00
Items 7 through 9	8	4	8	6	6	0	32
	\$1,520.00	\$760.00	\$1,000.00	\$750.00	\$750.00	\$0.00	\$4,780.00
Items 10 through 12	8	4	8	6	6	0	32
	\$1,520.00	\$760.00	\$1,000.00	\$750.00	\$750.00	\$0.00	\$4,780.00
Items 13 through 15	10	6	10	6	6	6	44
	\$1,900.00	\$1,140.00	\$1,250.00	\$750.00	\$750.00	\$510.00	\$6,300.00
Total Hours	54	86	54	40	40	10	284
Cost	\$10,260.00	\$16,340.00	\$6,750.00	\$5,000.00	\$5,000.00	\$850.00	\$44,200.00

TIERRA SOUTH FLORIDA, INC.

Date: October 19, 2017

Client: HDR, Inc

Project Name: Admin Building Renovation

City: Fort Lauderdale, Florida

Attention: Mr. Cody Parham

TSF Proposal No.: 1710-630

QA Services

Laboratory Services

Item Description	Unit	Unit Rate	Estimated Quantity	Sub-Total
LBR - Subgrade (includes Proctor)	per test	\$275.00	2	\$550.00
Proctors-T-180	per test	\$108.00	2	\$216.00
Compressive Strength Test (Concrete/Grout)	per set	\$55.00	6	\$330.00
Grain-Size Analysis / Soil Classification / Wash 200	per test	\$65.00	2	\$130.00
Total Laboratory Services:				\$1,226.00

Field / Technical Services

Item Description	Unit	Unit Rate	Estimated Quantity	Sub-Total
Technician-Soils	per hour	\$50.00	36	\$1,800.00
Technician-Concrete/Grout	per hour	\$50.00	24	\$1,200.00
Technician-Soils/Concrete/Grout - Sample Pick Up	per hour	\$50.00	15	\$750.00
Technician-Soils/Concrete/Grout - Stand-by Time	per hour	\$50.00	10	\$500.00
Senior Technician (Certified Building Inspector)	per hour	\$75.00	60	\$4,500.00
Total Field / Technical Services:				\$8,750.00

Engineering / Administrative Services

Item Description	Unit	Unit Rate	Estimated Quantity	Sub-Total
Sr. Engineer (Review, Sign and Seal Reports)	per hour	\$125.00	4	\$500.00
Total Engineering / Administrative Services:				\$500.00

TOTAL QA SERVICES: \$10,476.00

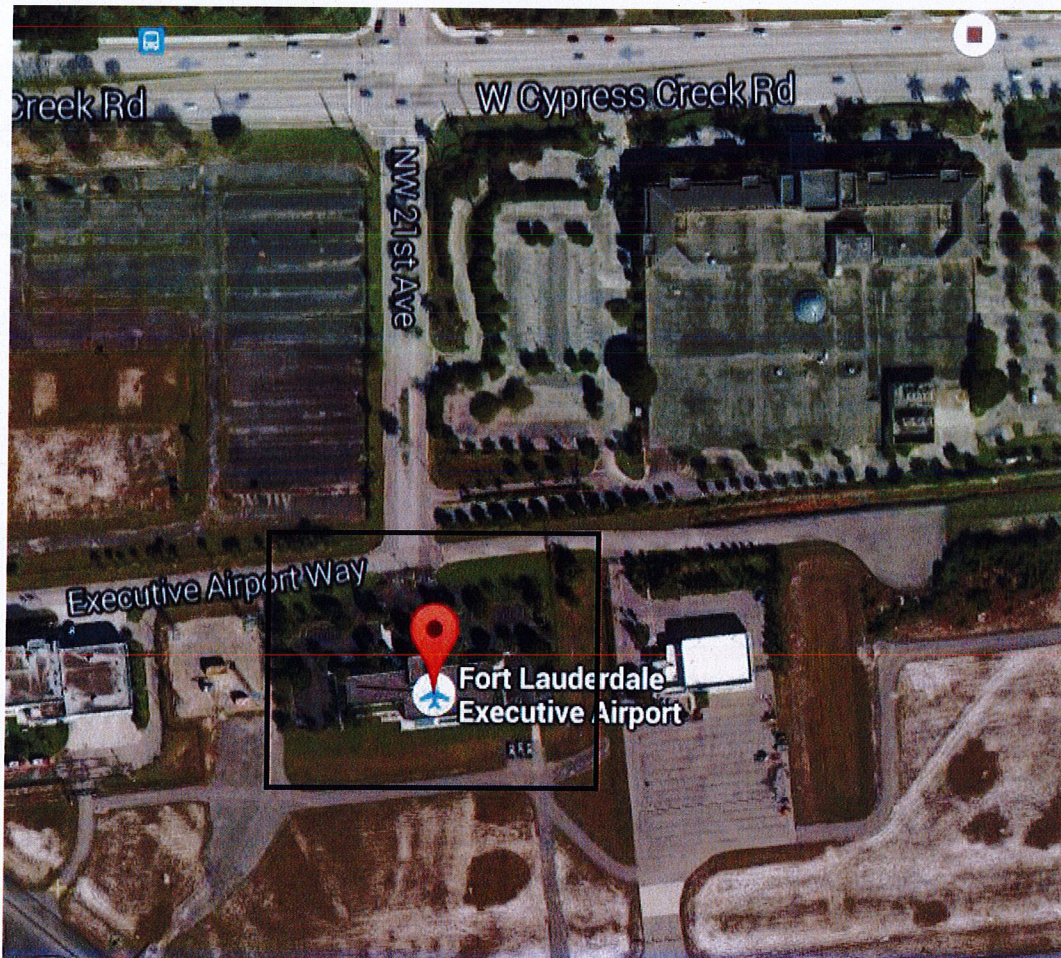
Please Note:

Estimate based on project quantities and associated maximum frequencies as outlined in the project specifications. Hours are billed in whole hour increment with a minimum of 3 hours per trip for technicians/inspections.

2765 Vista Parkway, Suite H10, West Palm Beach, Florida 33411

Phone: (561) 687-8536 * Fax: (561) 687-8570

EXHIBIT B



PROJECT LOCATION