

**AMENDMENT NO. 1 TO TASK ORDER NUMBER 5
TO AGREEMENT FOR PROFESSIONAL SERVICES
ON A CONTINUING BASIS**

THIS TASK ORDER is made as of the ___ day of _____ in the year 2012, between **THE CITY OF LEESBURG, FLORIDA**, a Florida Municipal Corporation, whose address is 501 West Meadow Street, Post Office Box 490630, Leesburg, Florida 34749-0630 (hereinafter referred to as the "CITY"), and **HANSON PROFESSIONAL SERVICES, INC.** whose address is 9015 Town Center Parkway, Suite 105, Lakewood, Florida 34202 (hereinafter referred to as the "PROFESSIONAL").

WITNESSTH:

WHEREAS, on April 26, 2010, the CITY and PROFESSIONAL entered into an Agreement for professional engineering services on a Continuing Basis (hereinafter referred to as the "Master Agreement"). The Master Agreement is referenced herein as though set forth in full text.

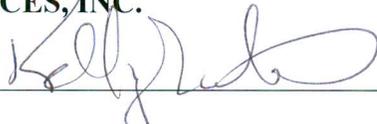
WHEREAS, the CITY and the PROFESSIONAL desire to enter into a Written Task Order Amendment No. 1 to Task Order Number 5.

NOW THEREFORE, for and in consideration of the mutual covenants and promises contained in this Task Order, the CITY and the PROFESSIONAL do hereby agree as set forth below:

1. The above recitals are true and correct and are incorporated herein.
2. The Parties agree to the scope of work and budget pursuant to the terms and conditions set forth in **ATTACHMENTS "A" and "B"**.

IN WITNESS WHEREOF, the parties hereto have executed this Task Order on the respective dates under each signature.

HANSON PROFESSIONAL SERVICES, INC.

By: 

Printed: G. Kelly Rubino

Its: Sr. Vice President
(Title)

Date: 5/16/12

THE CITY OF LEESBURG, FLORIDA

By: _____
Mayor/Commissioner

Attest: _____
City Clerk

Date: _____

AMENDMENT NO. 1 to TASK ORDER NO. 5

ATTACHMENT A SCOPE OF SERVICES Leesburg International Airport for Security Fence Project

Project Description

The City of Leesburg (City) has secured a grant from the Florida Department of Transportation (FDOT) for professional engineering design and bidding services associated with the replacement of existing security fencing and installation of new security fencing at the Leesburg International Airport.

The preliminary plans were prepared and submitted to the Airport, Airport Tenants, FDOT and Transportation Security Administration (TSA) for review and comment. After several meetings and discussions regarding various alignments it was decided that the best solution in providing security fencing was to install two (2) new automated vehicle gates along Airport Blvd. and enclose the Airport Operations Area (AOA) north of Airport Blvd. with new security fencing. This solution will secure the AOA north of Airport Blvd. for the aircraft hangars and eliminate the need for the existing 80 foot wide high maintenance vehicle/aircraft gate, Numbers 4. Gate 5 will remain in place with only minimal usage. In addition, a new vehicle gate will be installed north of existing Gate 3, Gate 3 will be widened from 20 feet to 24 feet and a video intercom system will be installed at three (3) tenant's facilities.

The addition of the three (3) new automated vehicle gates, upgrades to vehicle gate 3 and tenant video intercom system was not part of the original Task Order 5 scope of work. As a result, this Amendment 1 scope of work has been generated to fund the additional professional design and associated bidding services. In addition, this task order amendment includes construction services and part-time resident project representative services.

List of Attachments:

Attachment B – Fee Summary

Attachment C – Aerial Exhibit

Attachment D – Construction Cost Estimate

Scope of Work

Part A - Design and Bidding Services - Three (3) New Gates and One (1) Replacement Gate

1. Visual and Photographic Reconnaissance

Level of Service:

The project team (Project Coordinator, Civil Engineer, Electrical Engineer and Access Control Manager) will conduct a one (1) day site visit to review existing conditions and discuss design details for each of the new/replacement gates as follows:

- *Airport Blvd. East Gate - New*
- *Airport Blvd. West Gate – New*

- Gate North of Gate 3 – New
- Gate 3 - Replacement

Discussion items will include the following items:

- Location, width and type of gate.
- Limits of pavement widening for card reader median pedestal.
- Location and type of gate operator.
- Source of electric power for gate operator.
- Mounting location for cameras, card readers, key pad and video intercom.
- Conduit alignments from the gate controller to tenant offices.
- Location and type of sub-panel and conduit routes for fiber optic cables.
- Review electrical vault for capacity conditions.

Deliverables:

Copies of notes taken during the site visit.

2. Construction Plans

Level of Service:

Based on observations and discussions from the visual and photographic reconnaissance project team site meeting, construction plan and detail sheets will be prepared for the installation of the new/replacement gates. In addition, the project team will define the conduit alignments from the gate access control sub panels at each vehicle gate to each individual tenant's office. The maximum number of tenant offices to be designed is three (3).

The construction plans will include plan view and detail sheets for each gate showing its location, along with the access control devices as follows:

- Type, height and length of gate.
- Limits of pavement widening for the installation of a center median card reader.
- Source and routing of electric power.
- Source and routing of access control, wiring fiber optics and cables.
- Location and type of gate operator. The existing gate 4 operators will be used if the site visit determines their applicability. If they are not compatible with the new gates, then new gate operators will be specified.
- Location and type of surveillance camera. The existing Gate 4 camera will be re-positioned for the new East Gate. The existing Gate 5 will be relocated to the new West Gate.
- Location and type of card reader, keypad access control unit, video/intercom unit and tenant call box. These units may be separate or an integrated unit that is compatible with the exiting access control system.
- The conduit alignment to each tenant's office for the video/intercom system.

All design work will be as directed by the Civil Engineer, Electrical Engineer and Access Control Manager as applicable.

Deliverables:

Submit up to five (5) sets of 11x17 construction plan sheets. Note: should agencies request or accept electronic copies in lieu of hard copies, the transmittal of the electronic copies shall be considered as fulfilling the Level of Service, and the number of hard copies required shall be appropriately reduced.

3. Technical Specifications

Level of Service:

Specifications will be developed for the work associated with the new/replacement automated vehicle gates. The anticipated specifications to be developed include the following sections:

- *Conduits, Wires and Cables*
- *Electrical and Access Control Sub-Panels*
- *Cantilever Gates*
- *Pavement Detection Loops*
- *Battery Backups*
- *Grounding*
- *Directional Boring*
- *Integrated Card Readers/Video Intercom at Gates*
- *Video Intercom at Tenants Office*
- *Asphalt pavement*

All work will be as directed by the Civil Engineer, Electrical Engineer and Access Control Manager as applicable.

Deliverables:

Submit up to five (5) sets of technical specifications. Note: should agencies request or accept electronic copies in lieu of hard copies, the transmittal of the electronic copies shall be considered as fulfilling the Level of Service, and the number of hard copies required shall be appropriately reduced.

4. Bidding Services

Pre-Bid Conference

Level of Service:

This task includes attendance at a pre-bid conference by the Access Control Manager. The original Task Order 5 included attendance by the civil project engineer only. As specified in the original task order, the pre-bid meeting will be coordinated with Airport, Tenant, and FDOT staff. The meeting notes and sign-in sheet will be electronically distributed to attendees.

Deliverables:

Meeting Sign-In Sheet, Agenda and Notes.

Addenda and Clarification

Level of Service:

This task includes providing responses to bidder questions and revisions to applicable construction plans and specifications for the new/replacement automated vehicle access gates. Response to bidder question for the fencing items is covered in the original task order.

Deliverables:

Responses to bidder questions and revisions to applicable construction plans and specifications shall be submitted to the City of Leesburg Purchasing department.

Part B - Construction Phase Services

1. General Contract Administration

Level of Service:

Provide up to four (4) monthly project status reports to accompany project invoices.

Deliverables:

Copies of the Monthly status reports will be attached to the monthly project invoices.

2. Pre-Construction Meeting

Level of Service:

Attend one (1) pre-construction conference, discuss project specifics, answer contractor questions, review operational safety plan, review administrative and reporting procedures, and establish start date for construction. Prepare meeting agenda, sign-in sheet and meeting notes.

Deliverables:

Meeting agenda, sign-in sheet and notes distributed to meeting attendees.

3. Contractor Submittals

Level of Service:

Review contractor submittals for general conformance with the design concept. Each submittal will be reviewed initially. One subsequent review of a corrected or alternate submittal as required by non-conformance by the Contractor is included. Any further reviews for the same material or component shall be considered as additional services. Prepare and maintain submittal log.

Deliverables:

Returned submittals with action indicated stamp and submittal log.

4. Contractor Request for Information (RFI)

Level of Service:

Review contractor requests for information and provide clarification of design intent. Prepare and maintain an RFI log.

Deliverables:

Returned RFIs and submittal log.

5. Evaluate Contractor Pay Requests

Level of Service:

Review up to six Contractor pay requests based on RPR reports, and periodic on-site observation and recommend payment, including adjustments in accordance with the contract documents.

Deliverables:

Copies of approved pay requests along with backup information, as applicable.

6. Project Engineer Site Visits

Level of Service:

The Project Engineer will make one site visit per month for up to four (4) months to observe construction progress, general character and quality of the work.

Deliverables:

Provide memorandum of observations for each site visit.

7. Change Orders

Level of Service:

Prepare up to two (2) change orders as applicable to address changes in work and/or unforeseen field conditions. The work includes preparation of narrative justifications, forms, spreadsheets and minor revisions to existing drawings. In addition, the work includes negotiation of contractor costs and fees.

Deliverables:

Copies of change order packages and applicable backup items.

8. Record Drawings

Level of Service:

Coordinate the collection of project as-built information from the contractor. The as-built information shall be reviewed by the Project Engineer for conformance with the contract

documents, specifications and construction plans. A record set of construction drawings shall be prepared and signed and sealed by the Project Engineer.

Deliverables:

Six (6) sets of record drawings.

9. Project Closeout

Level of Service:

Conduct one (1) site visit for substantial completion by the civil project engineer, electrical engineer, project coordinator and access control manager. Prepare a punch list of items to be corrected prior to the final acceptance. Conduct one (1) site visit for final acceptance by the project coordinator to review contractor's compliance and corrections of the substantial completion punch list items.

Prepare and execute the FDOT 1) Certification of Compliance and 2) Project Completion, Agency Certification forms which state the project has been designed and constructed in accordance with the project contract documents.

Deliverables:

Attendance at the site visits, copies of the punch list report and certification forms.

10. Resident Project Representative (RPR)

Level of Service:

Provide part-time RPR services during construction. THE RPR schedule is based on a four (4) month construction schedule at 32 hours per month for a total of 128 hours.

Deliverables:

Copies of RPR daily reports and notes from project site visits.

Compensation

Compensation to complete the work is summarized below and detailed in the attached man-hour spreadsheet.

Service Description	Fee Type	Amount
Part A – Design and Bidding –New/Replacement Gates	Lump Sum	\$26,664
Part B- Tasks 1-9 – Construction Phase Services	Lump Sum	\$30,860
Part B – Task 10 – RPR Services	Hourly Not to Exceed	\$11,968
TOTAL FEE		\$69,492

The total fee is Sixty Nine Thousand Four Hundred Ninety Two Dollars and 00/100 cents (**\$69,492.00**). Monthly billings for lump sum items will be based on percentage of the work completed. Monthly billings for hourly items will be based on actual hours.

AGREED AS TO SCOPE OF SERVICES AND FEES:

CITY OF LEESBURG

HANSON PROFESSIONAL SERVICES INC.

By: MAYOR

By: G. Kelly Rubino, Sr. Vice President

ATTEST: _____
CITY CLERK

ATTEST: Kathy Go Watson

DATE: _____

DATE: 5-16-12

Amendment No. 1 to Task Order No. 5
ATTACHMENT B - FEE SUMMARY
Leesburg International Airport
Security Fence Project

Task No	Task Description	Total Cost	Total Hours	Senior Consultant	Project Engineer	Electrical Engineer	Project Coordinator	Eng Tech CAD	Clerical	Sub-Consultant Fees	Sub Fee + Handling & Profit @
				\$187	\$135	\$135	\$100	\$78	\$62		10%

Part A - Design and Bidding - New/Replacement Gates

1	Visual and Photographic Reconnaissance	\$ 3,840	24		8	8	8			\$ 800	\$ 80
2	Construction Plans	\$ 13,046	114	2	24	8	16	64		\$ 1,600	\$ 160
3	Technical Specification	\$ 8,158	66	2	16	8	8		32	\$ 1,600	\$ 160
4	Bidding Services	\$ 1,620	6		2	2	2			\$ 800	\$ 80
SUB-TOTAL		\$ 26,664	210	4	50	26	34	64	32	\$ 4,800	\$ 480

Part B - Construction Phase Services

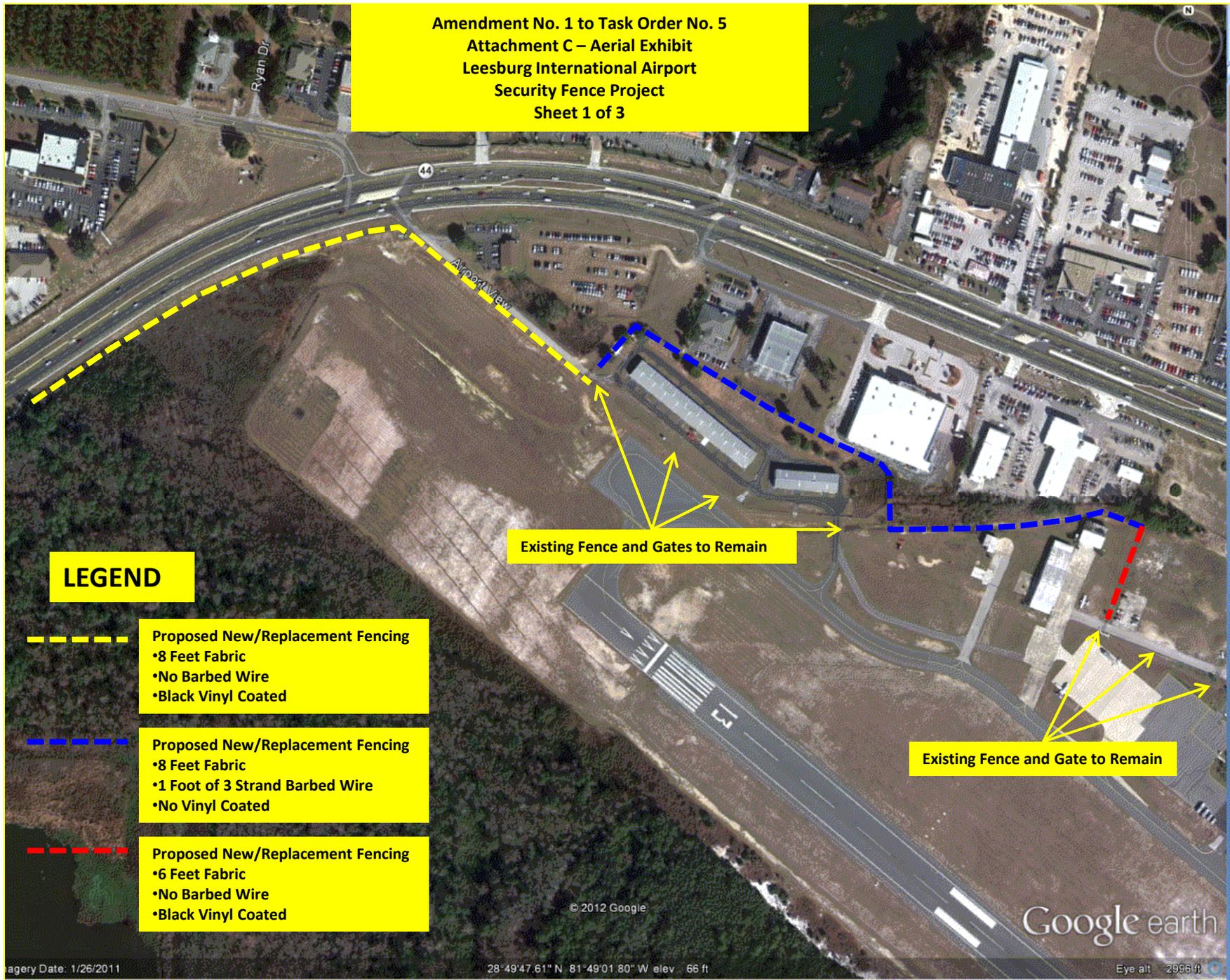
1	General Construction Administration	\$ 800	8				8				\$ -
2	Pre-Construction Meeting	\$ 1,904	14		4		8		2	\$ 400	\$ 40
3	Submittal/Shop Drawing Reviews	\$ 6,636	36		16	4	8		8	\$ 2,400	\$ 240
4	Respond to Contractor Request for Information	\$ 4,676	28		8	4	8		8	\$ 1,600	\$ 160
5	Pay Requests	\$ 800	8				8				\$ -
6	Project Engineer Site Visits	\$ 4,320	32		32						\$ -
7	Change Orders	\$ 4,326	34		8	2	16		8	\$ 800	\$ 80
8	Record Drawings	\$ 3,298	30		4	2	8	16		\$ 400	\$ 40
9	Project Closeout	\$ 4,100	28		8	4	16			\$ 800	\$ 80
10	RPR Services (32 hours per month @ 4 months @ \$85/hr)	\$ 11,968	0							\$ 10,880	\$ 1,088
SUB-TOTAL		\$ 42,828	218	0	80	16	80	16	26	\$ 17,280	\$ 1,728

Part A - Design and Bidding - New/Replacement Gates **\$ 26,664**

Part B - Construction Phase Services **\$ 42,828**

TOTAL FEE \$ 69,492

Amendment No. 1 to Task Order No. 5
Attachment C – Aerial Exhibit
Leesburg International Airport
Security Fence Project
Sheet 1 of 3



LEGEND

-  Proposed New/Replacement Fencing
 - 8 Feet Fabric
 - No Barbed Wire
 - Black Vinyl Coated
-  Proposed New/Replacement Fencing
 - 8 Feet Fabric
 - 1 Foot of 3 Strand Barbed Wire
 - No Vinyl Coated
-  Proposed New/Replacement Fencing
 - 6 Feet Fabric
 - No Barbed Wire
 - Black Vinyl Coated

Existing Fence and Gates to Remain

Existing Fence and Gate to Remain

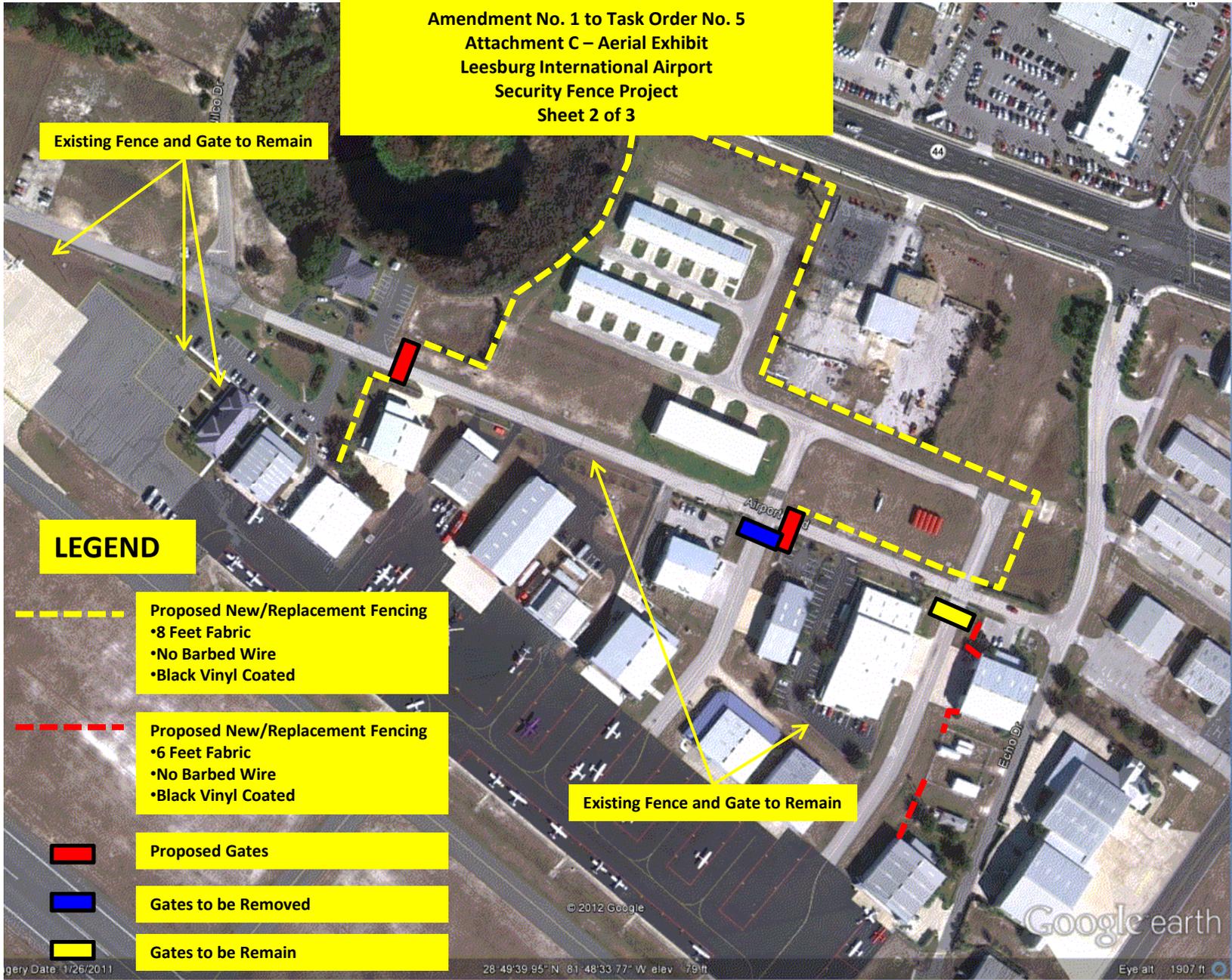
Amendment No. 1 to Task Order No. 5
Attachment C – Aerial Exhibit
Leesburg International Airport
Security Fence Project
Sheet 2 of 3

Existing Fence and Gate to Remain

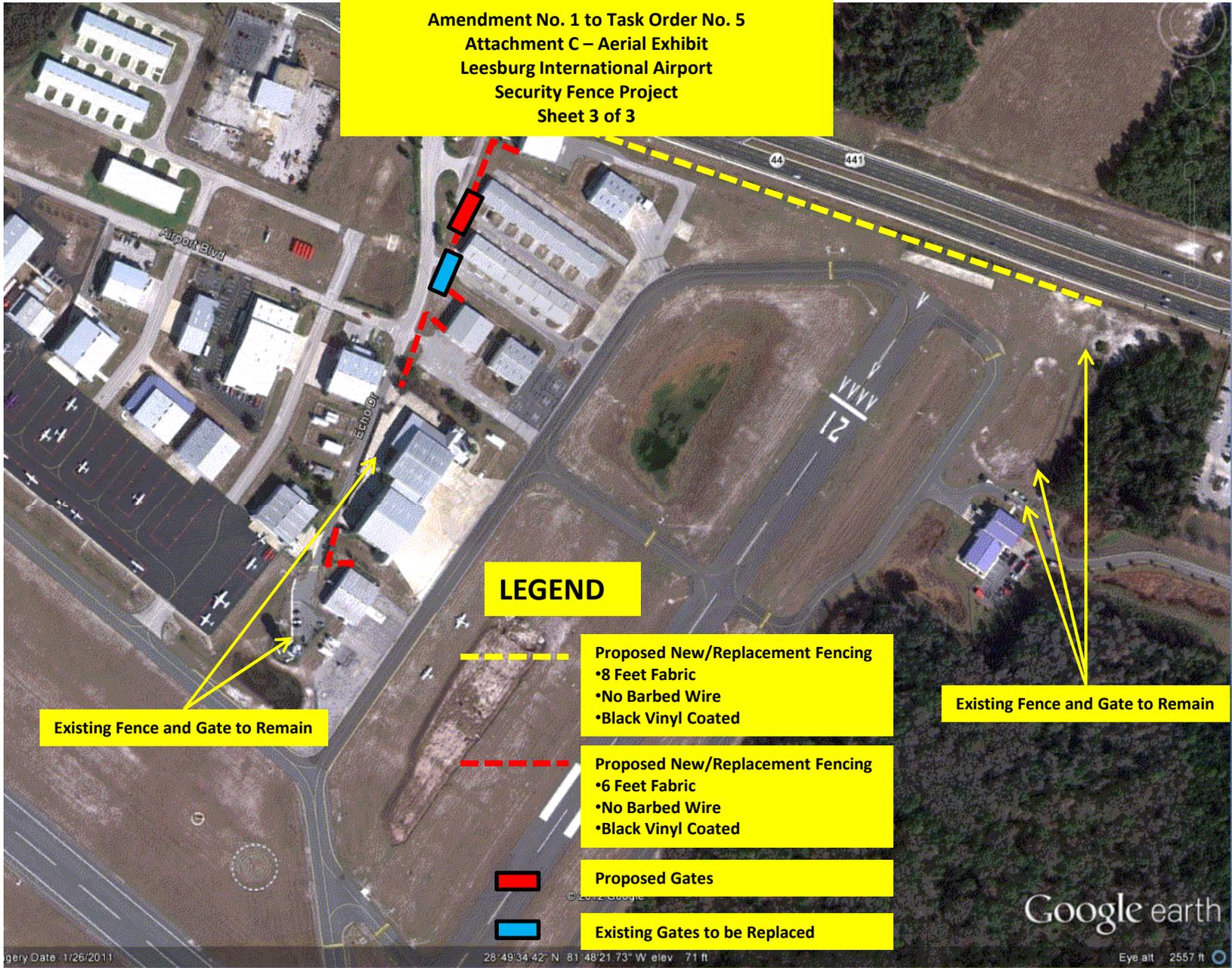
LEGEND

-  Proposed New/Replacement Fencing
 - 8 Feet Fabric
 - No Barbed Wire
 - Black Vinyl Coated
-  Proposed New/Replacement Fencing
 - 6 Feet Fabric
 - No Barbed Wire
 - Black Vinyl Coated
-  Proposed Gates
-  Gates to be Removed
-  Gates to be Remain

Existing Fence and Gate to Remain



Amendment No. 1 to Task Order No. 5
Attachment C – Aerial Exhibit
Leesburg International Airport
Security Fence Project
Sheet 3 of 3



**Amendment No. 1 to Task Order No. 5
Attachment D - Construction Cost Estimate
Leesburg International Airport
Security Fence Project**

Item No.	Estimated Quantity	Unit	Description	Estimated Unit Cost	Extended Total
SECURITY FENCE					
1	1.00	L.S.	Mobilization	\$ 20,000.00	\$ 20,000.00
2	500.00	C.Y.	Embankment	\$ 10.00	\$ 5,000.00
3	2,475.00	L.F.	Type III Silt Fence	\$ 3.00	\$ 7,425.00
4	7,100.00	L.F.	Demolition of Existing Fence	\$ 5.00	\$ 35,500.00
5	6,000.00	L.F.	New Chain-Link Fence, 8-foot fabric, No Barbed Wire, Black Vinyl Coated	\$ 35.00	\$ 210,000.00
6	2,000.00	L.F.	New Chain-Link Fence, 8-foot fabric, 3 Strands Barbed Wire, Not Vinyl Coated	\$ 25.00	\$ 50,000.00
7	1,500.00	L.F.	New Chain-Link Fence, 6-foot fabric, No Barbed Wire, Black Vinyl Coated	\$ 20.00	\$ 30,000.00
8	1,350.00	S.Y.	Sodding	\$ 3.00	\$ 4,050.00
9	1.00	EA.	12' Wide Manual Swing Gate with Padlock	\$ 750.00	\$ 750.00
10	39.00	EA.	Security Signs	\$ 75.00	\$ 2,925.00
				sub-total	\$ 365,650.00
AIRPORT BLVD. WEST GATE					
1	55.00	S.Y.	6" Lime Rock Stabilizing Base Course	\$ 10.00	\$ 550.00
2	50.00	S.Y.	2" Thick Superpave Ashphalt	\$ 20.00	\$ 1,000.00
3	2.00	EA.	FDOT Type IV Traffic Separator	\$ 1,000.00	\$ 2,000.00
4	1.00	L.S.	Pavement Marking (for gore striping)	\$ 500.00	\$ 500.00
5	2.00	EA.	Bollards	\$ 350.00	\$ 700.00
6	2.00	EA.	Keep Right Sign with Post	\$ 125.00	\$ 250.00
7	1.00	EA.	24-Foot Wide Cantilever Gate	\$ 9,000.00	\$ 9,000.00
8	1.00	EA.	Relocate Existing Gate Operator	\$ 1,500.00	\$ 1,500.00
9	1.00	EA.	Sub-Panel	\$ 2,200.00	\$ 2,200.00
10	2.00	EA.	Safety Loop	\$ 1,500.00	\$ 3,000.00
11	1.00	EA.	Free Exit Loop	\$ 1,500.00	\$ 1,500.00
12	3.00	EA.	Loop Detectors (inside gate controller)	\$ 500.00	\$ 1,500.00
13	2.00	EA.	Standard Duplex Outlets in 4"X4" Box (for sub-panel)	\$ 100.00	\$ 200.00
14	1.00	EA.	Relocate Existing Camera at Gate 5 (Includes power supply and UPS Backup)	\$ 500.00	\$ 500.00
15	1.00	EA.	25 Foot Concrete Tapped Pole	\$ 1,200.00	\$ 1,200.00
16	1,600.00	L.F.	Pull Existing Owner Furnished Fiber Optic Cable Thru Existing Conduit - Electrical Vault to West Gate on Airport Blvd. Pull new fiber thru existing conduit alignment	\$ 2.00	\$ 3,200.00
17	1.00	EA.	Card Readers,Keypad/Reader /Pedestria	\$ 700.00	\$ 700.00
18	6.00	EA.	Fiber Optic Cable Termination	\$ 200.00	\$ 1,200.00
19	825.00	L.F.	1 inch Sch 40 PVC Conduit - Direct Bury	\$ 4.75	\$ 3,918.75
20	100.00	L.F.	CAT5E Cable installed in new conduit	\$ 3.25	\$ 325.00
21	125.00	L.F.	CAC6 Cable with Power Leads installed in new conduit	\$ 2.25	\$ 281.25
22	325.00	L.F.	10GA THHN installed in new conduit	\$ 2.00	\$ 650.00
23	325.00	L.F.	8 GA THHN installed in new conduit	\$ 4.00	\$ 1,300.00
24	50.00	L.F.	1 inch Sch 40 PVC Conduit - Directional Boring	\$ 50.00	\$ 2,500.00
25	2.00	EA.	Circuit Breakers	\$ 75.00	\$ 150.00
26	1.00	LS	Grounding	\$ 300.00	\$ 300.00
27	3.00	EA.	Lighting Arrestor (Card Reader, Camera, Gate Controller)	\$ 500.00	\$ 1,500.00
28	1.00	EA.	Lighting Arrestor (Video)	\$ 350.00	\$ 350.00
				sub-total	\$ 41,975.00
AIRPORT BLVD. EAST GATE					
1	55.00	S.Y.	6" Lime Rock Stabilizing Base Course	\$ 10.00	\$ 550.00
2	50.00	S.Y.	2" Thick Superpave Ashphalt	\$ 20.00	\$ 1,000.00
3	2.00	EA.	FDOT Type IV Traffic Separator	\$ 1,000.00	\$ 2,000.00
4	1.00	L.S.	Pavement Marking (for gore striping)	\$ 500.00	\$ 500.00
5	2.00	EA.	Bollards	\$ 350.00	\$ 700.00
6	2.00	EA.	Keep Right Sign with Post	\$ 125.00	\$ 250.00
7	1.00	EA.	24-Foot Wide Cantilever Gate	\$ 9,000.00	\$ 9,000.00
8	1.00	EA.	Relocate Existing Gate Operator	\$ 1,500.00	\$ 1,500.00
9	1.00	EA.	Sub-Panel	\$ 2,200.00	\$ 2,200.00
10	2.00	EA.	Safety Loop	\$ 1,500.00	\$ 3,000.00
11	1.00	EA.	Free Exit Loop	\$ 1,500.00	\$ 1,500.00
12	3.00	EA.	Loop Detectors (inside gate controller)	\$ 500.00	\$ 1,500.00
13	2.00	EA.	Standard Duplex Outlets in 4"X4" Box (for sub-panel)	\$ 100.00	\$ 200.00
14	1.00	EA.	Reposition Existing Camera (Gate 4)	\$ 200.00	\$ 200.00
15	200.00	L.F.	Pull Existing Owner Furnished Fiber Optic Cable From Existing Gate 4 Sub panel to new sub panel	\$ 2.00	\$ 400.00
16	1.00	EA.	Card Readers,Keypad/Reader /Pedestria	\$ 700.00	\$ 700.00
17	6.00	EA.	Fiber Optic Cable Termination	\$ 200.00	\$ 1,200.00

**Amendment No. 1 to Task Order No. 5
Attachment D - Construction Cost Estimate
Leesburg International Airport
Security Fence Project**

Item No.	Estimated Quantity	Unit	Description	Estimated Unit Cost	Extended Total
18	350.00	L.F.	1 inch Sch 40 PVC Conduit - Direct Bury	\$ 4.75	\$ 1,662.50
19	100.00	L.F.	CAT5E Cable installed in new conduit	\$ 3.25	\$ 325.00
20	100.00	L.F.	CAC6 Cable with Power Leads installed in new conduit	\$ 2.25	\$ 225.00
21	100.00	L.F.	10GA THHN installed in new conduit	\$ 2.00	\$ 200.00
22	100.00	L.F.	8 GA THHN installed in new conduit	\$ 4.00	\$ 400.00
23	50.00	L.F.	1 inch Sch 40 PVC Conduit - Directional Boring	\$ 50.00	\$ 2,500.00
24	1.00	EA.	Out door Breaker Box	\$ 250.00	\$ 250.00
25	2.00	EA.	Circuit Breakers	\$ 75.00	\$ 150.00
26	50.00	L.F.	Directional Boring	\$ 50.00	\$ 2,500.00
27	1.00	L.S.	Grounding	\$ 300.00	\$ 300.00
28	2.00	EA.	Lighting Arrestor (Card Reader, Gate Controller)	\$ 500.00	\$ 1,000.00
29	1.00	EA.	Lighting Arrestor (Video)	\$ 350.00	\$ 350.00
sub-total					\$ 36,262.50
INTERCOM/VIDEO - TENANTS					
1	3.00	EA.	Video Intercom with Strike/Unlock Button Button at each Tenant Office	\$ 1,800.00	\$ 5,400.00
2	2.00	EA.	Video Intercom at Gate	\$ 6,000.00	\$ 12,000.00
3	1,600.00	L.F.	1 inch Sch 40 PVC Conduit - Hand Excavate	\$ 7.00	\$ 11,200.00
4	1,600.00	L.F.	CAT5E Cable installed in existitng conduit	\$ 3.25	\$ 5,200.00
5	1,600.00	L.F.	CAT5E Cable in New Conduit to Tentants - Hand Exexcavate	\$ 3.25	\$ 5,200.00
6	3.00	EA.	Lighting Arrestor/Grounding at Each Tenant Office	\$ 350.00	\$ 1,050.00
sub-total					\$ 40,050.00
New Gate North of Gate 3					
1	1.00	EA.	24-Foot Wide Cantilever Gate	\$ 9,000.00	\$ 9,000.00
2	1.00	EA.	New Gate Operator	\$ 5,000.00	\$ 5,000.00
3	2.00	EA.	Safety Loop	\$ 1,500.00	\$ 3,000.00
4	1.00	EA.	Free Exit Loop	\$ 1,500.00	\$ 1,500.00
5	3.00	EA.	Loop Detectors (inside gate controller)	\$ 500.00	\$ 1,500.00
6	1.00	EA.	New Camera	\$ 1,000.00	\$ 1,000.00
7	1.00	EA.	25 Foot Contrete Taper Pole	\$ 1,000.00	\$ 1,000.00
8	100.00	L.F.	CAC6 Cable with Power Leads installed in new conduit	\$ 2.25	\$ 225.00
9	100.00	L.F.	CAT5E Cable installed in new conduit	\$ 3.25	\$ 325.00
10	200.00	L.F.	1 inch Sch 40 PVC Conduit - Direct Bury	\$ 4.75	\$ 950.00
11	2.00	EA.	Lighting Arrestor (Card Reader, Gate Controller)	\$ 500.00	\$ 1,000.00
12	1.00	EA.	Lighting Arrestor (Video)	\$ 350.00	\$ 350.00
13	1.00	L.S.	Grounding	\$ 300.00	\$ 300.00
14	1.00	EA.	SPX Cypress Reader Extender with FO Interface	\$ 3,200.00	\$ 3,200.00
15	1.00	EA.	Sub-Panel	\$ 2,200.00	\$ 2,200.00
16	1.00	EA.	Card Readers, and Pedestal	\$ 700.00	\$ 700.00
17	900.00	L.F.	Fiber Optic (8 fibers)	\$ 2.00	\$ 1,800.00
18	6.00	EA.	Fiber Optic Cable Termination	\$ 200.00	\$ 1,200.00
19	2.00	EA.	Fiber Optic Video Tranceiver	\$ 700.00	\$ 1,400.00
20	200.00	L.F.	10GA THHN installed in new conduit	\$ 2.00	\$ 400.00
21	200.00	L.F.	8 GA THHN installed in new conduit	\$ 4.00	\$ 800.00
22	50.00	L.F.	1 inch Sch 40 PVC Conduit - Directional Boring	\$ 50.00	\$ 2,500.00
23	1.00	EA.	Network DVR with 2 TB Date Storage	\$ 18,000.00	\$ 18,000.00
sub-total					\$ 57,350.00
GATE 3 REPLACEMENT					
1	1.00	EA.	24-Foot Wide Cantilever Gate	\$ 9,000.00	\$ 9,000.00
2	1.00	EA.	Free Exit Loop	\$ 1,500.00	\$ 1,500.00
3	1.00	EA.	Loop Detectors (inside gate controller)	\$ 500.00	\$ 500.00
4	1.00	EA.	Reloacte Exisitng Card Reader	\$ 1,500.00	\$ 1,500.00
sub-total					\$ 12,500.00
TOTAL					\$ 553,787.50

Leesburg International Airport Security Fence Project

**PROJECT SCHEDULE
NEW GATES**

Prepared by Hanson Professional Services Inc.
May 2, 2012

ID	Name	Duration	Start	Finish	Jul '11	Aug '11	Sep '11	Oct '11	Nov '11	Dec '11	Jan '12	Feb '12	Mar '12	Apr '12	May '12	Jun '12	Jul '12	Aug '12	Sep '12	Oct '12	Nov '12	Dec '12	Jan '13	Feb '13	Mar '13	Apr '13
1	Project Schedule	396 days	Wed 8/10/11	Wed 2/13/13	63%																					
2	Begin Project (Notice to Proceed Issued)	1 day	Wed 8/10/11	Wed 8/10/11	100%																					
3	Preliminary Engineering Activities	3 days	Wed 8/17/11	Fri 8/19/11	100%																					
4	Conduct the Pre-Design Conference	1 day	Wed 8/17/11	Wed 8/17/11	100%																					
5	Conduct Visual Reconnaissance	2 days	Thu 8/18/11	Fri 8/19/11	100%																					
6	Preliminary Design Phase	71 days	Mon 8/22/11	Mon 11/28/11	100%																					
7	Preliminary Design Plans	15 days	Mon 8/22/11	Fri 9/9/11	100%																					
8	Prepare Specifications	10 days	Mon 8/29/11	Fri 9/9/11	100%																					
9	Prepare Opinion of Probable Construction Costs	5 days	Mon 9/5/11	Fri 9/9/11	100%																					
10	Submit Preliminary Design	0 days	Fri 9/9/11	Fri 9/9/11	100%																					
11	Review and Respond to Comments Period	10 days	Mon 9/12/11	Fri 9/23/11	100%																					
12	Conduct Design Surveys	10 days	Tue 11/15/11	Mon 11/28/11	100%																					
13	Additional Project Meetings	153 days	Mon 9/26/11	Wed 4/25/12	100%																					
14	Airport/Tenant/FDOT/TSA Meetings	153 days	Mon 9/26/11	Wed 4/25/12	100%																					
15	Complete Additional Meetings	0 days	Wed 4/25/12	Wed 4/25/12	100%																					
16	Secure Construction and Engineering Funding	32 days	Thu 4/26/12	Fri 6/8/12	0%																					
17	Prepare Construction Cost Estimate	5 days	Thu 4/26/12	Wed 5/2/12	100%																					
18	Prepare Construction Engineering (CE) Task Order	5 days	Thu 4/26/12	Wed 5/2/12	100%																					
19	Prepare Additional Gates Task Order	5 days	Thu 4/26/12	Wed 5/2/12	100%																					
20	Submit to FDOT and City/Airport	0 days	Wed 5/2/12	Wed 5/2/12	100%																					
21	FDOT Review/Preparation of JPA	10 days	Thu 5/3/12	Wed 5/16/12	0%																					
22	City Review/Agenda Placement	10 days	Thu 5/3/12	Wed 5/16/12	0%																					
23	City Council Task Order Approval/FDOT JPA Acceptance	0 days	Mon 5/28/12	Mon 5/28/12	0%																					
24	FDOT Execute JPA Period	10 days	Mon 5/28/12	Fri 6/8/12	0%																					
25	Funding Secured for Construction, CE Services & New Gates	0 days	Fri 6/8/12	Fri 6/8/12	0%																					
26	Final Design	205 days	Mon 9/26/11	Fri 7/6/12	81%																					
27	Incorporate Airport/Tenant/FDOT/TSA Comments	153 days	Mon 9/26/11	Wed 4/25/12	100%																					
28	Finalize Construction Drawings with New Gates	20 days	Mon 6/11/12	Fri 7/6/12	0%																					
29	Finalize Engineer's Report	5 days	Mon 7/2/12	Fri 7/6/12	0%																					
30	Finalize Project Specifications	5 days	Mon 7/2/12	Fri 7/6/12	0%																					
31	Finalize Opinion of Probable Construction Cost	5 days	Mon 7/2/12	Fri 7/6/12	0%																					
32	Submit Final Design Items	0 days	Fri 7/6/12	Fri 7/6/12	0%																					
33	Bidding Phase Services	40 days	Mon 7/9/12	Fri 8/31/12	0%																					
34	Prepare Bid Documents	10 days	Mon 7/9/12	Fri 7/20/12	0%																					
35	Advertise Bid/Issue Addendas	25 days	Mon 7/23/12	Fri 8/24/12	0%																					
36	Attend Pre-Bid Meeting	1 day	Mon 8/6/12	Mon 8/6/12	0%																					
37	Attend Bid Opening	0 days	Fri 8/24/12	Fri 8/24/12	0%																					
38	Prepare Tabulation of Bids	5 days	Mon 8/27/12	Fri 8/31/12	0%																					
39	Prepare Recommendation of Award	5 days	Mon 8/27/12	Fri 8/31/12	0%																					
40	End Bidding Services	0 days	Fri 8/31/12	Fri 8/31/12	0%																					
41	Construction Phase	101 days	Mon 9/3/12	Mon 1/21/13	0%																					
42	City Approval of Construction Contract	1 day	Mon 9/3/12	Mon 9/3/12	0%																					
43	Conduct Pre-Construction Meeting	1 day	Tue 9/11/12	Tue 9/11/12	0%																					
44	Issue NTP - Begin Construction	0 days	Tue 9/18/12	Tue 9/18/12	0%																					
45	Construction Period - 4 Months	89 days	Wed 9/19/12	Mon 1/21/13	0%																					
46	Project Closeout Phase	17 days	Tue 1/22/13	Wed 2/13/13	0%																					
47	Substantial Completion Site Walk-Over	1 day	Tue 1/22/13	Tue 1/22/13	0%																					
48	Complete Punch List Work	10 days	Wed 1/23/13	Tue 2/5/13	0%																					
49	Final Completion Site Walk-Over	1 day	Wed 2/6/13	Wed 2/6/13	0%																					
50	Prepare and Submit Closeout Documents	5 days	Thu 2/7/13	Wed 2/13/13	0%																					
51	End Project	0 days	Wed 2/13/13	Wed 2/13/13	0%																					

Duration is shown as working days.

Task Progress Summary External Tasks Deadline
 Split Milestone Project Summary External Milestone