

**WORK ASSIGNMENT NO. 401-2013-19 PURSUANT TO
THE JULY 13, 2010 AGREEMENT BETWEEN THE
CITY OF VENICE, FLORIDA AND
AMERICAN INFRASTRUCTURE DEVELOPMENT, INC.**

WHEREAS, on July 13, 2010 the parties entered into an Agreement whereby the **CONSULTANT** would perform professional services for the OWNER pursuant to an executed Work Assignment; and

WHEREAS, the OWNER wishes to authorize the **CONSULTANT** to perform professional services concerning the **Airport Layout Plan Update** as more particularly described in the Scope of Services contained herein; and

WHEREAS, the **CONSULTANT** wishes to perform such professional services.

NOW THEREFORE, in consideration of the premises and mutual covenants contained in the **July 13, 2010** Agreement and in this Work Assignment, the parties agree as follows:

1. General description of the project.
There is a need to determine if a non-precision approach instrument approach can be implemented to Runway 23. If it is determined that it is feasible and approved by the FAA and City, then the Airport Layout Plan of record will need to be updated.
2. Scope of services to be performed.
Professional services to prepare a Technical Memorandum and ALP Update at Venice Municipal Airport as described in Exhibit A.
3. Compensation to be paid.
The scope of work shall be completed in two (2) phases. Phase 1 shall be completed for a lump sum amount of **ten thousand three hundred and twenty dollars and no cents** (\$10,320.00). Phase 2 requires a separate notice-to-proceed (NTP) and shall be completed for a lump sum amount of **eight thousand nine hundred and twenty dollars and no cents** (\$8,920.00). The lump sum amounts are described in Exhibit B.

4. Time for completion.

Phase 1 shall be completed within 30 calendar days (excluding review time for City and FAA). Once a separate NTP has been issued, Phase 2 shall be completed within 30 calendar days (excluding review time for City and FAA).

5. Any special conditions.

- Phase 2 will proceed only upon completion of Phase 1 and written NTP.
- The ALP Update will utilize existing available information. No survey work is programmed.

IN WITNESS WHEREOF, the parties have executed this work assignment on the ____ day of ____, 2013.

**AMERICAN INFRASTRUCTURE
DEVELOPMENT, INC.**

By: _____
President – CEO

CITY OF VENICE, FLORIDA

By: _____
Mayor

ATTEST:

By: _____
City Clerk

EXHIBIT A SCOPE OF SERVICES



WORK ASSIGNMENT No. 19

AIRPORT LAYOUT PLAN UPDATE VENICE MUNICIPAL AIRPORT

Scope of Services

The Consultant will provide professional services for the update of the Airport Layout Plan (ALP). The original ALP was approved in June, 2011. A subsequent pen and ink change was completed in December 2012 to update the declared distances for Runway 4-22 (now Runway 5-23) prior to rehabilitation of the runway. The scope of work under this assignment is a two phase effort. Phase 1 consists of the preparation of a Technical Memorandum to determine if a non-precision instrument approach having minimums not lower than 1 mile can be implemented to Runway 23. Phase 2 consists of updating the ALP and associated drawings to reflect the approach, if it can be accomplished.

PHASE 1

Technical Memorandum

- 1. Review All Background Materials and Available Data:** The Consultant will review all recent background materials, communications and survey data obtained from the FAA and others that pertain to Runway 23.
- 2. Define Design Standards:** FAA Advisory Circular (AC) 150/5300-13A will be used to define the Runway Protection Zone (RPZ) and approach surfaces for a non-precision approach having minimums not lower than 1 mile to Runway 23.
- 3. Alternatives:** Alternatives will be provided to compare the proposed approach to existing conditions, as well as non-precision approaches with minimums that are lower than 1 mile.
- 4. Prepare Graphical Representations:** Graphics and drawings will be prepared to illustrate the design standards necessary for a non-precision approach to Runway 23.
- 5. Prepare Draft Technical Memorandum:** A draft memorandum will be prepared that explains, illustrates, and compares the effects of a non-precision instrument approach to existing conditions. The memorandum will be submitted to the City for review and comment.
- 6. Revise Draft Technical Memorandum/Submit to FAA:** The memorandum will be revised and submitted to the FAA for review. The Consultant will meet with the FAA and City, if necessary, to present the findings of the study. It is the intent of this effort to receive approval from the FAA in order to move forward with Phase 2.

EXHIBIT A SCOPE OF SERVICES



7. **Revise as per FAA Comments and Submit Final Memorandum:** The memorandum and associated graphics will be revised to reflect FAA comments received. The revised document will be provided to the City for distribution.
8. **Meet with City Council if Necessary:** The consultant will meet with City Council, if required, to provide the results of the Phase 1 effort.

PHASE 2

Update Airport Layout Plan Set

The ALP set will be updated to reflect the changes that result from Phase 1, any airfield or facility changes that have occurred that may be indicated as future projects and are now existing, or any changes that may not be reflected on the drawings to date. The following will be updated:

1. Title Sheet, Existing Facilities, Data Tables
2. ALP and Terminal Area Plan
3. Approach Profiles and Inner Approach/Departure Surfaces
4. Airspace Plan
5. Existing/Future Land Use
6. Property Map (only if new survey data is available to input)
7. Flood Zones (only if flood zones have changed)
8. Submit Draft and Meet with Airport
9. Revise According to Comments Received and Submit to FAA for Review
10. Revise per FAA Comments
11. Meet with City Council if required
12. Submit Signed ALP to FAA

Project Schedule

All work required to be performed by the Consultant pursuant to this Work Assignment shall be completed as shown below. The calendar days shown do not include City or FAA review time. The City will issue a separate Notice-To-Proceed for each Phase.

Phase	Calendar Days
1	30
2	30

AIRPORT LAYOUT PLAN UPDATE
VENICE MUNICIPAL AIRPORT



Airport Layout Plan Update		Project Principal	Project Manager	Senior Planner	Sr. Technician	Clerical	Totals
		\$178.00	\$169.00	\$169.00	\$67.00	\$59.00	
PHASE 1							
Technical Memorandum							
1	Review all background materials available			4			4
2	Define design standards			4	4		8
3	Alternatives (includes 1 mtg)		2	8	8		18
4	Prepare Graphics			4	8		12
5	Prepare Draft Technical Memorandum		2	8	4	2	16
6	Revise TM/submit to FAA (includes mtg if necessary)			4	4		8
7	Revise per FAA/Submit Final TM		2	4	2	2	10
8	Meet with City Council		2	2			4
Total Labor Hours Phase 1			8	38	30	4	80
Total Labor Costs Phase 1			\$1,352.00	\$6,422.00	\$2,010.00	\$236.00	\$10,020.00
Expenses Phase 1							\$300.00
Total Cost Phase 1							\$10,320.00
PHASE 2							
Update ALP Set							
1	Title Sheet, Existing Facilities, Data Tables				2		2
2	ALP and Terminal Area Plan			4	8		12
3	Approach Profiles and Inner Approach/Departure Surfaces			4	8		12
4	Airspace Plan			2	4		6
5	Existing/Future Land Use			1	4		5
6	Property Map (if property survey is available)			2	4		6
7	Flood Zones (if updated information available)			1	4		5
8	Meet with Airport and submit Draft for review		2	4			6
9	Revise according to comments and submit to FAA for review			2	4		6
10	Revise per FAA comments			2	8		10
11	Meet with City Council if required		2	2			4
11	Submit signed ALP to FAA			2	4		6
Total Labor Hours Phase 2			4	26	50		80
Total Labor Costs Phase 2			\$676.00	\$4,394.00	\$3,350.00		\$ 8,420.00
Expenses Phase 2							500
Total Cost Phase 2							\$ 8,920.00
Total Phase 1 and Phase 2							\$19,240.00