



6200 Whiskey Creek Drive, Fort Myers, Florida 33919 Phone: 239.985.1200 Fax: 239.985.1259

June 21, 2016

Ms. Heather LeDuc
Property Administrator
Venice Municipal Airport
150 Airport Ave E.
Venice, Florida 34285

**RE: *Independent Fee Estimate for Design and Bidding Services,
Apron Reconstruction Venice Airport
HM Project No.2016-044***

Dear Heather:

As requested, Hole Montes, Inc. has completed an Independent Fee Estimate for Design and Bidding Phase Services; and Construction Phase Services for the above project, which includes reconstruction of approximately 54,500 square yards of public apron areas. The proposed scope of work is outlined in Exhibit "A" Work Assignment #29 for American Infrastructure Development, Inc. The Estimated Overall Project cost of \$8.8 M was considered in this evaluation. This number was based on a FDOT planning document titled "Airport Costs", dated January 14, 2016.

Hole Montes' fee estimate associated with the scope provided is as follows:

Total Design and Bidding Services (Not-to-Exceed)	\$240,250
Total Construction Phase Services (Not-To-Exceed)	\$322,000

Estimated Total Fee \$562,250

The attached spreadsheets provide additional detail.

Thank you for the opportunity to serve the City of Venice and the Venice Municipal Airport. If you have any questions, feel free to contact me at 239-985-1221.

Very truly yours,

HOLE MONTES, INC.

Timothy J. Parker, P.E.
Project Manager

TJP/kgc

Attachments

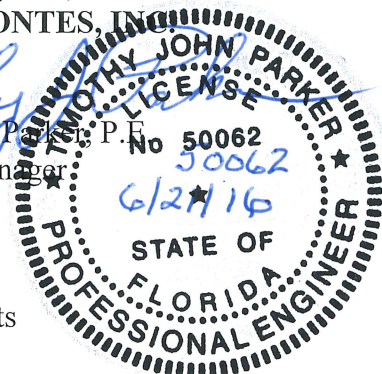


Exhibit B: Fees

TASK		Totals
Basic Services (Lump Sum)		
Phase 1 -	Program Verification	\$10,000.00
Phase 2 -	Design Development (30%)	\$25,000.00
Phase 3A -	Contract Documents (60%)	\$35,000.00
Phase 3B -	Contract Documents (90%)	\$65,000.00
Phase 3C -	Contract Documents (100%)	\$18,000.00
Phase 4 -	Bidding and Award Services	\$7,500.00
Phase 5 -	Construction Phase Services (Lump Sum) 40 Weeks (6 preconstruction - 26 construction - 8 closeout)	\$127,500.00
Total Basic Services:		\$288,000.00
Special Services		
*	1 Geotechnical Investigations (NTE)	\$18,000.00
*	2 Field Survey (LS)	\$28,500.00
	3 Quality Assurance Testing (NTE)	\$35,000.00
	4 RPR Services - 30 Weeks (Hourly)	\$140,000.00
*	5 Drainage Permitting Notification to SWFWMD (LS)	\$3,500.00
*	6 Grant Services During Design (Grant App/Quarterly Reports) (LS)	\$12,000.00
	7 Grant Services During Construction (Buy American, Quarterly Reports, DBE, Davis-Bacon) (LS)	\$7,500.00
*	8 Prepare CATEX (LS)	\$7,500.00
*	9 Meeting with the FAA (Modifications to Standards) (LS)	\$2,500.00
*	10 Airspace Checklist Submittal (OE/AAA), CSPP (LS)	\$3,500.00
	11 Prepare Record Drawings	\$12,000.00
Total Special Services:		\$270,000.00
* = Design Phase		
Expenses (Lump Sum)		
	Reproduction	\$750.00
	SWFWMD Permit Fees (Allowance)	\$3,500.00
Total Expenses:		\$4,250.00
Total Design and Bidding Fees (Not to Exceed):		\$240,250.00
Total Construction Phase Services Fees (Not to Exceed):		\$322,000.00
Total Fees		\$562,250.00



Airport Costs

Florida is served by a comprehensive and well-developed airport system. Airports are divided into landside and airside areas. The airside areas include runways, taxiways and ramps, and are accessible to aircraft and authorized vehicular traffic. A runway is essential to the functionality of the airport, with additional facilities providing a variety of services. All large commercial airports serve as centers of an industrial complex that account for tens of thousands of jobs and billions of dollars of economic activity.

This report provides planning information on the costs of constructing and repairing runways, taxiways, and ramps. It includes available information on costs of constructing new terminals and fuel tanks; however, these construction costs may fluctuate substantially. Airside surfaces, like highways, are usually constructed of concrete or asphalt. For additional information, refer to the Aviation and Space Office (<http://www.dot.state.fl.us/aviation/>).

Technical Note: Runway construction costs include paving, grading (2' fill), lighting, marking, turfing and minimal drainage within the runway safety area.

Runway Construction

Concrete	Cost
General Aviation (2,000 to 4,000 foot runway, typical length: 3,700 ft. 8" depth, Portland Cement Concrete)	
Runway Construction (New, 75' width)	\$1,485 per linear foot
Taxiway Construction (New)	\$20 per square foot
Ramps/Apron Construction (New)	\$20 per square foot
Terminal Structure (New)	\$275 per square foot
Slab Replacement (Standard 12.5' x 20' slab)	\$2,420 per slab
Reliever (5,000 to 7,999 foot runway, typical length: 5,000 ft. 18" depth: 12" Portland Cement Concrete + 6" Econocrete (P-306) sub base.)	
Runway Construction (New, 100' width)	\$1,980 per linear foot
Taxiway Construction (New)	\$24 per square foot
Ramp/Apron Construction (New)	\$24 per square foot
Terminal Structure (New)	\$275 per square foot
Slab Replacement (Standard 12.5' x 20' slab)	\$3,520 per slab
Commercial (8,000 to 13,000 foot runway, typical length: 13,000 ft. 22" depth: 16" Portland Cement Concrete + 6" Econocrete (P-306) sub base. Includes paved shoulders and blast pavement.)	
Runway Construction (New, 100' width)	\$2,420 per linear foot
Taxiway Construction (New)	\$31 per square foot
Ramp/Apron Construction (New)	\$31 per square foot
Terminal Structure (New)	\$275 per square foot
Slab Replacement (Standard 12.5' x 20' slab)	\$4,950 per slab



Asphalt	Cost
General Aviation (2,000 to 4,000 foot runway, typical length: 3,700 ft. 12" depth: 4" asphalt concrete + 8" base)	
Runway Construction (New, 75' width)	\$1,320 per linear foot
Taxiway Construction (New)	\$18 per square foot
Ramps/Apron Construction (New)	\$18 per square foot
Terminal Structure (New)	\$275 per square foot
Resurfacing (3", 75' width)	\$220 per linear foot
Reliever (5,000 to 7,999 foot runway, typical length: 5,000 ft. 16" depth: 4" asphalt concrete + 12" base)	
Runway Construction (New, 100' width)	\$1,870 per linear foot
Taxiway Construction (New)	\$19 per square foot
Ramp/Apron Construction (New)	\$19 per square foot
Terminal Structure (New)	\$275 per square foot
Resurfacing (4", 100' width)	\$396 per linear foot
Commercial (8,000 to 13,000 foot runway, typical length: 13,000 ft. 20" depth: 4" in Asphalt Concrete + 16" base. Includes paved shoulders and blast pavement.)	
Runway Construction (New, 100' width. Includes paved shoulders and blast pavement.)	\$2,200 per linear foot
Taxiway Construction (New)	\$23 per square foot
Ramp/Apron Construction (New)	\$23 per square foot
Terminal Structure (New)	\$275 per square foot
Resurfacing (4", 100' width)	\$396 per linear foot
Fuel Tanks	Cost
(Fuel Tank costs include tank, painting inside and out, concrete ring wall foundation, secondary containment liner and sand bedding under the tank.)	
100,000 Gallon Tank (28' diameter x 24' height)	\$396,000
200,000 Gallon Tank (39' diameter x 24' height)	\$528,000
500,000 Gallon Tank (47' diameter x 40' height)	\$858,000

CONTACTS

Martin Markovich, Office of Policy Planning (850) 414-4918, martin.markovich@dot.state.fl.us