

Amendment No. 1 to Work Order No. 14

ATTACHMENT A SCOPE OF SERVICES

Leesburg International Airport Environmental Permitting and Mitigation Assistance for Remaining Parallel Taxiway A Extension,

Project Background And Description

Hanson Professional Services has previously designed and permitted extensions to Runway 13-31 and Parallel Taxiway A. The funding cycles and amounts have required that the projects be divided into smaller and different phases than originally designed, and the permits for those phases have been issued strictly for the work done in each phase. The City of Leesburg has accepted an AIP Grant, identified as AIP 3-12-0042-018-2008, that provides for wetland mitigation for the remaining portion of Taxiway A extension not funded in the ARRA grant project now being built. The grant also the mitigation of incidental wetland impacts associated with the ARRA construction to the extent they are not funded in the ARRA grant

This scope of services provides for wetland mitigation and incidental water management design and permitting assistance for the current and remaining construction of Parallel Taxiway A and Runway 31 extension.

Preliminary Permitting Activities

1. Review and verify existing permitting information from Runway 31 and Taxiway A Extension.
2. Revise up to 15 drawing sheets to show the scope and the impact areas for the remaining work.
3. Meet with SJRWMD and USACOE (two meetings) to discuss the appropriate mechanism to complete permitting and wetland mitigation (ie new permits or modifications of existing permits).
4. Prepare one (1) analysis and design summaries for the water management systems summarizing project water quality and quantity management for St. John's River Water Management District.
5. Attend one (1) pre-application meeting with St. John's River Water Management District's (SJRWMD) staff to discuss permitting approach. Purpose of this meeting is to agree on the general approach of managing the quantity and quality of stormwater runoff and developing an approach to mitigate impacts to the existing wetlands. Keep and distribute meeting minutes. It is recommended the Owner attend.

Water Quality/Quantity Permitting

6. Model existing conditions' runoff and conveyance using computer program *EPA-SWMM* with a continuous simulation model with design storms embedded.. Using published information on stormwater runoff constituents of concern estimate existing pollutant loads with the continuous simulation.
7. Model existing conditions' runoff and conveyance using computer program *EPA-SWMM* with a continuous simulation model with design storms embedded. Using published information on stormwater runoff constituents of concern, and on treatment efficiencies of various best management practices, estimate proposed pollutant loads with the continuous simulation.
8. Using information collected and developed in preceding work items; verify BMPs appropriate to pollutant load reduction per Florida Administrative Code (FAC) 62-40 and water quality standards per 62-302. BMPs must also be airport compatible per Advisory Circulars 150/5200-33B, 150/5320-5C and FAA Orlando ADO Guidance Letter dated November 1997.
9. Prepare one (1) Drainage report for the remaining project and incidental improvements. The report will summarize the approach, analyses, and results
10. Conduct a review of technical calculations and design approach.
11. Based upon final permitting requirements, revise construction drawings. Provide the updated construction drawing sheets, signed and sealed.

Environmental Studies

12. Ecological sciences subconsultant staff will review and verify the limits of wetlands within the LEE Parallel Taxiway A Extension and incidental site improvements pursuant to 62-340 F.A.C. for St. Johns River Water Management District (SJRWMD) and the 1987 Wetland Delineation Manual for the Department of the Army, Corps of Engineers (ACOE). Staff will update the vegetation studies and assessments required for the Environmental Resource Permit application and Federal ACOE Wetland Jurisdictional Determination.
13. Prepare one (1) impact assessment and mitigation proposal for the remaining work and coordinate with the agencies (U.S. Army Corps of Engineers, St. Johns River Water Management District, Florida Fish and Wildlife Conservation Commission (FFWCC), U.S. Fish and Wildlife Service (USFWS), State of Florida Department of Community Affairs, Lake County and the City of Leesburg) for acceptance of the mitigation plan. This will include preparation of the mitigation proposal, assessment of the mitigation area (UMAM or other approved methodology), and coordination with the agencies to assure concurrence and approval of the plan. It is likely that due to the "no net loss" criteria for the ACOE, two separate mitigation strategies may be required for each ERP. This could result in up to four (4) different mitigation plans since the conditions for issuance of each agency are different.
14. Review the site for occurrences of state and federally listed species and coordinate any findings with the FFWCC and/or the USFWS. If permits or clearance authorizations are required, they will be coordinated with the appropriate regulatory agencies. This scope does not include any physical relocation of listed species.

Environmental Permitting

- 15. Assist the airport in filing one (1) application for an Environmental Resource Permit (ERP) for the remaining and incidental work. Assistance includes preparing the application for filing. It excludes application fees and/or redesign of the proposed system. Owner recognizes that Consultant cannot guarantee the permitability of any alternative design criteria project; although Consultant has previous success in such efforts.
- 16. Provide responses to agency comments in up to three (3) Requests for Additional Information from each agency (SJRWMD and ACOE) and attend up to six meetings with the client and/or regulatory staff as part of this task.
- 17. Identify sources for wetland mitigation credits required to be purchased. The purchase of the credits is the responsibility of the City of Leesburg.

Compensation

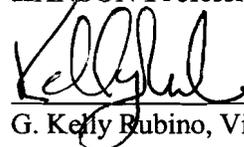
Compensation to complete the permitting will be an additional lump sum fee of Ninety Two Thousand Two Hundred Sixty Dollars (\$92,260.00). The total fee shall be increased from One Hundred Fifty Eight Thousand Dollars (\$158,000.00) to Two Hundred Fifty Thousand Two Hundred Sixty Dollars (\$250,260.00). Monthly billing will be based on percentage of the work complete.

AGREED AS TO SCOPE OF SERVICES AND FEE:

City of Leesburg

HANSON Professional Services, Inc.

By: MAYOR _____


G. Kelly Rubino, Vice President

ATTEST: _____
CITY CLERK

ATTEST: 

DATE: _____

DATE: 11/30/09

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						Labor Category						
Totals		\$ 92,260	\$ 32,500	\$ -	\$ 143.65	416	102	-	188	120	-	6
Click here for Help inserting rows		Total	Other Direct Costs		Ave Hourly	Total	Sr. Cons	EVIII	PM	EIII	TIII	CLII
		\$	#1	#2	Rate	Hours	\$200.00	\$175.00	\$150.00	\$ 90.00	\$ 75.00	\$ 60.00
Task #	Task Description											
1	Preliminary Permitting Activities	-				-						
2	Review existing permitting information	5,320			\$ 156.47	34	8		24			2
3	Revise drawings to show scope & impact areas	17,200			\$ 106.17	162	2		40	120		
4	Meet with SJRWMD & USACOE	8,400			\$ 175.00	48	24		24			
5	Prepare analysis & design summary	1,240			\$ 124.00	10	2		4			4
6	Attend one pre-application meeting	1,200			\$ 200.00	6	6					
7	Water Quality/Quantity Permitting	-				-						
8	Model Existing Conditions	3,600			\$ 150.00	24			24			
9	Model Proposed Conditions	1,200			\$ 150.00	8			8			
10	Verify BMPs approp to pollutant loads	2,800			\$ 175.00	16	8		8			
11	Prepare drainage report	1,600			\$ 200.00	8	8					
12	Review technical calculations & design approach	1,200			\$ 150.00	8			8			
13	Revise construction drawings	-				-						
14		-				-						
15	Environmental Studies	-				-						
16	Review & verify limits of wetlands	4,000	\$ 4,000			-						
17	Prepare impact assess. & mit. Proposal	8,500	\$ 8,500			-						
18	Review site for occur. of state & fed listed species	2,000	\$ 2,000			-						
19		-				-						
20	Environmental Permitting	-				-						
21	File 1 ERP application	9,000	\$ 7,000		\$ 166.67	12	4		8			
22	Response to agency comments (3)	21,000	\$ 7,000		\$ 175.00	80	40		40			
23	Identify sources for wetland mitigation	4,000	\$ 4,000			-						
24		-				-						
Total		92,260	32,500	-	\$ 143.65	416	102	-	188	120	-	6

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