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**WATERLOO REGIONAL AIRPORT TREE CLEARING
CATEGORICAL EXCLUSION (CATEX)
FAA AIP 3-19-0094-044**

**WATERLOO REGIONAL AIRPORT
WATERLOO, IOWA**

Project Description - See attachment and incorporated herein.

Scope of Services - See attachment and incorporated herein.

Compensation

Compensation for Services for this project shall be a cost plus fixed fee not to exceed Sixteen Thousand Three Hundred Dollars (\$16,300.00). See attachment and incorporated herein.

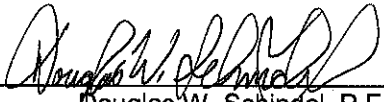
General Conditions

Except as specifically amended by this Individual Project Agreement, Services shall be provided in accordance with the Consultant Services Agreement for the Waterloo Regional Airport, entered between AECOM Technical Services, Inc. ("ATS") and the City of Waterloo ("Client") dated April 15, 2014.

APPROVED:
CITY OF WATERLOO, IOWA

APPROVED:
AECOM TECHNICAL SERVICES, INC.

By _____
Ernest G. Clark, Mayor

By  _____
Douglas W. Schindel, P.E.
Associate Vice President

Date _____

Date December 8, 2014

SCOPE OF SERVICES**WATERLOO REGIONAL AIRPORT TREE CLEARING
CATEGORICAL EXCLUSION (CATEX)
FAA AIP 3-19-0094-044****WATERLOO REGIONAL AIRPORT
WATERLOO, IOWA****I. Project Description**

The project is described as preparation of documentation for a CATEX for tree removal in the approach surfaces to Runway 12 and Runway 18 and the transitional surface to Runway 18-36 at the Waterloo Regional Airport. The CATEX will be prepared in accordance with the requirements of the Federal Aviation Administration (FAA) ARP SOP 5.0, Standard Operation Procedure for CATEX Determinations.

II. Scope of Services

The work to be performed by the Consultant includes the following tasks:

1. Data Collection. This task consists of the collection of data via desktop methods. Data to be collected includes, but is not limited to the following: land use, community and regional land-use plans, wetlands, water resources, floodplains, regulated materials sites, wildlife habitat, environmental justice, threatened and endangered species, utilities and socio-economic data. This data will be analyzed as it relates to the potential for impacts due to the on-site tree removal.
2. Alternative Analysis. This task consists of analyzing alternatives to tree clearing as required by NEPA.
3. Agency Coordination. This task consists of contacting state and federal agencies about the project area and expected impacts. Personal contact may be necessary as a follow-up, depending on the magnitude of the impacts/concerns related to a given agency. Agencies to be contacted include, but are not limited to the following: US Department of Interior, US Army Corps of Engineers, Iowa Department of Natural Resources and State Historic Preservation Office. A summary memo of letters and maps mailed out, comment letters received, and a summary of those comments will be prepared and given to the Waterloo Regional Airport for their files.
4. CATEX Preparation. This task consists of the preparation of a CATEX in accordance with Federal Aviation Administration ARP SOP 5.00 requirements. The impacts in the CATEX will be determined as part of the process and through data collection and analysis conducted in the tasks above. This task includes two rounds of review by the FAA before it is finalized for signature. If any threatened or endangered species surveys are required, this would be considered extra work and performed as a supplement to this Agreement.
5. Project Administration. This task consists of the quality review of work elements on the project. During the course of this project, quality reviews will be conducted by senior technical personnel not directly involved in the project.

Documented Categorical Exclusion (CATEX) for Tree Removal

**Waterloo Regional Airport
Waterloo, Iowa**

FAA AIP 3-19-0094-044

Engineering Services

Consultant Cost Summary

I. Direct Labor Cost

<u>Category</u>	<u>Hours</u>	<u>Rate/Hour</u>	<u>Amount</u>	
Senior Professional	14	\$80.00	\$1,120.00	
Project Professional	20	\$53.10	\$1,062.00	
Staff Professional	56	\$42.20	\$2,363.20	
Professional	0	\$32.00	\$0.00	
CADD Operator II	24	\$31.35	\$752.40	
CADD Operator I	0	\$22.65	\$0.00	
Senior Technician	0	\$33.20	\$0.00	
Technician	0	\$25.25	\$0.00	
Project Support	8	\$28.45	\$227.60	\$5,525.20
	122			

II. Payroll Burden and Overhead Costs	150.00%	\$8,287.80
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III. Direct Project Expenses

<u>Category</u>	<u>Units</u>	<u>Rate/Unit</u>	<u>Amount</u>	
Mileage	300	0.560	168.00	
Per Diem	0	40.00	0.00	
Lodging	0	80.00	0.00	
B/W Copies	400	0.06	24.00	
Color Copies	200	0.22	44.00	
Plan Copier	0	0.50	0.00	
EDM Equipment	0	12.50	0.00	
GPS Equipment	0	25.00	0.00	
Nuclear Density Guage	0	40.00	0.00	
Miscellaneous, Other			200.00	\$436.00

IV. AECOM Estimated Actual Costs		\$14,249.00
	Rounded	\$14,200.00

V. Subcontract Expense	\$0.00
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VI. Estimated Actual Costs	\$14,200.00
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VII. Fixed Fee (15% of Items I & II)	\$2,100.00
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VIII. Maximum Amount Payable	<u>\$16,300.00</u>
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Documented Categorical Exclusion (CATEX) for Tree Removal

**Waterloo Regional Airport
Waterloo, Iowa**

FAA AIP 3-19-0094-044

Engineering Services

Staff Hour Estimate

Item No.	Description	Senior Prof	Project Prof	Staff Prof	Prof	CADD Operator II	CADD Operator I	Senior Technician	Technician	Project Support	Totals
1	Data Collection & Review		2	4							6
2	Alternative Analysis		2	4							6
3	Agency Coordination	4	8	24		8				4	48
4	CATEX Preparation	2	8	24		16				4	54
5	Project Administration	8									8
	Total Services	14	20	56	0	24	0	0	0	8	122