

**EXHIBIT IV**  
**DERIVATION OF CONSULTANT PROJECT COSTS**  
**LEE'S SUMMIT MUNICIPAL AIRPORT**  
**LEE'S SUMMIT, MISSOURI**  
**RUNWAY 18-36 EXPANSION PROGRAM PHASE 3 DESIGN - TAXIWAY PAVING**  
**SUMMARY OF COSTS**  
September 12, 2016

	<b>Fee</b>	<b>Hours</b>
Design Phase	\$325,519.76	2,696
Bidding Services	\$24,222.16	190
<b>Total</b>	<b>\$349,741.92</b>	<b>2,886</b>

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**RUNWAY 18-36 EXPANSION PROGRAM PHASE 3 DESIGN - TAXIWAY PAVING**  
**DESIGN PHASE SERVICES**  
 September 12, 2016

1	<b><u>DIRECT SALARY COSTS:</u></b>			
	<u>TITLE</u>	<u>HOURS</u>	<u>RATE/HOUR</u>	<u>COST (\$)</u>
	Principal	12	\$75.62	\$907.44
	Senior Project Engineer	318	59.98	\$19,073.64
	Project Manager	0	45.93	\$0.00
	Senior Engineer	728	35.55	\$25,880.40
	Engineer	956	28.25	\$27,007.00
	Senior Planner	0	35.08	\$0.00
	Planner	0	23.38	\$0.00
	Registered Land Surveyor	0	41.60	\$0.00
	Senior Technician	682	33.97	\$23,167.54
	Technician	0	24.29	\$0.00
	Clerk/Secretary	0	21.51	\$0.00
		2,696		
	Total Direct Salary Costs		=	\$96,036.02
2	<b><u>LABOR AND GENERAL ADMINISTRATIVE OVERHEAD:</u></b>			
	Percentage of Direct Salary Costs @	@	<u>164.09</u> %	= \$157,585.51
3	<b><u>SUBTOTAL:</u></b>			
	Items 1 and 2		=	\$253,621.53
4	<b><u>PROFIT:</u></b>			
	15 % of Item 3 Subtotal		=	\$38,043.23
			Subtotal	\$291,664.76
5	<b><u>OUT-OF-POCKET EXPENSES:</u></b>			
	a. Mileage	1500 Miles @	\$0.57 / Mile =	\$855.00
	b. Meals	0 Days @	\$32.00 / Day =	\$0.00
	c. Motel	0 Nights @	\$95.00 / Night =	\$0.00
	d. Printing and Shipping		=	\$3,000.00
	Total Out-of-Pocket Expenses		=	\$3,855.00
6	<b><u>SUBCONTRACT COSTS:</u></b>			
	a. Topographic Surveys (estimated)		=	\$25,000.00
	b. Geotech (estimated)		=	\$5,000.00
	c.		=	
			=	\$30,000.00
7	<b><u>MAXIMUM TOTAL FEE:</u></b>			
	Items 1, 2, 3, 4, 5 and 6		=	\$325,519.76

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**LEE'S SUMMIT MUNICIPAL AIRPORT**  
**LEE'S SUMMIT, MISSOURI**  
**RUNWAY 18-36 EXPANSION PROGRAM PHASE 3 DESIGN - TAXIWAY PAVING**  
**BIDDING PHASE SERVICES**  
 September 12, 2016

1	<b><u>DIRECT SALARY COSTS:</u></b>			
	<u>TITLE</u>	<u>HOURS</u>	<u>RATE/HOUR</u>	<u>COST (\$)</u>
	Principal	0	\$75.62	\$0.00
	Senior Project Engineer	50	59.98	\$2,999.00
	Project Manager	0	45.93	\$0.00
	Senior Engineer	92	35.55	\$3,270.60
	Engineer	32	28.25	\$904.00
	Senior Planner	0	35.08	\$0.00
	Planner	0	23.38	\$0.00
	Registered Land Surveyor	0	41.60	\$0.00
	Senior Technician	16	33.97	\$543.52
	Technician	0	24.29	\$0.00
	Clerk/Secretary	0	21.51	\$0.00
		<u>190</u>		
	Total Direct Salary Costs			= \$7,717.12
2	<b><u>LABOR AND GENERAL ADMINISTRATIVE OVERHEAD:</u></b>			
	Percentage of Direct Salary Costs @		<u>164.09</u> %	= \$12,663.02
3	<b><u>SUBTOTAL:</u></b>			
	Items 1 and 2			= \$20,380.14
4	<b><u>PROFIT:</u></b>			
	15 % of Item 3 Subtotal			= \$3,057.02
			Subtotal	\$23,437.16
5	<b><u>OUT-OF-POCKET EXPENSES:</u></b>			
	a. Mileage	500 Miles @	\$0.57 / Mile =	\$285.00
	b. Meals	0 Days @	\$32.00 / Day =	\$0.00
	c. Motel	0 Nights @	\$95.00 / Night=	\$0.00
	d. Printing and Shipping		=	\$500.00
	Total Out-of-Pocket Expenses			= \$785.00
6	<b><u>SUBCONTRACT COSTS:</u></b>			
	a.		=	\$0.00
				= \$0.00
7	<b><u>MAXIMUM TOTAL FEE:</u></b>			
	Items 1, 2, 3, 4, 5 and 6			= \$24,222.16

**Exhibit V**

**LEE'S SUMMIT MUNICIPAL AIRPORT  
LEE'S SUMMIT, MISSOURI**

**BASIC AND SPECIAL SERVICES  
RUNWAY 18-36 EXPANSION PROGRAM PHASE 3 DESIGN -TAXIWAY PAVING**

September 12, 2016

Classification:	Principal	Senior Project Engineer	Project Manager	Senior Engineer	Engineer	Senior Planner	Planner	Registered Land Surveyor	Senior Technician	Technician	Clerk/ Secretary	Other Costs
Gross Hourly Rate:	\$229.66	\$182.16	\$139.49	\$107.97	\$85.80	\$106.54	\$71.01	\$126.34	\$103.17	\$73.77	\$65.33	
<b>A. DESIGN SERVICES</b>												
1. Runway Extension, Widening and Strengthening:												
Project Management (status reports, project coordination, invoicing)		40										
Prepare Agenda and Attend Pre-Design Meeting		12		20								
Coordination Meetings		40		40								
7460-1 Submittal		2		8	24							
Coordinate surveys, geotechnical investigation, add results to project manual.				12								
Review record drawings		8		20	20				10			
Site Visits/Field Review		20		20	40							
Design Report		20		40	80				40			
Cover Sheet/Title Block				4					4			
Index, Legends, Sum of Quantities Sheets		2			8				8			
Construction Safety and Phasing Plan (CSPP)		20		80					40			
General Notes		8		40					40			
Demolition Sheets		8		20	80				60			
Pavement Geometry/Typical Sections		8		20	80				60			
Spot Elevations/Grade Transitions		8		20	80				60			
Site Grading and Drainage, Details		8		20	80				60			
Cross Section Development and Plan Sheets		8		40	120				60			
Layout/Pavement Marking Plans		8		20	80				60			
Pavement Marking Details		4			20				30			
Utility Coordination and Relocations		8		20					10			
Electrical Layout and Details		8		80	20				40			
Electrical Vault Improvements		4		40	20				20			
Prepare cost estimates		8		20	60				40			
Permit review and applications		8		24	24							
Prepare Front End Specifications		8		20								
Prepare project technical specifications		20		40	60							
Internal quality control review	12	20		40	20							
Address Sponsor/FAA comments and seal sheets		10		20	40				40			
Total hours =	2,696	12	318	0	728	956	0	0	682	0	0	(1,2,3,4,5)
Total =	\$325,519.75	\$2,755.93	\$57,927.31	\$0.00	\$78,599.68	\$82,021.20	\$0.00	\$0.00	\$70,360.63	\$0.00	\$0.00	\$33,855.00
4. Bidding Phase:												
Send plans to contractors and answer questions		24		40	8							
Addendum Issuance (if necessary)		8		24	24				16			
Conduct pre-bid meeting and send out minutes (inc. travel)		12		16								
Assist sponsor with the bid opening (do not attend)		2										
Review bids, prepare bid tab, and recommend award		4		12								
Total hours =	190	0	50	0	92	32	0	0	16	0	0	(1,2,3,4,5)
Total =	\$24,222.16	\$0.00	\$9,108.07	\$0.00	\$9,932.93	\$2,745.48	\$0.00	\$0.00	\$1,650.69	\$0.00	\$0.00	\$785.00
<b>TOTAL =</b>		<b>\$349,741.91</b>										

- (1) Mileage, Motel and Meals
- (2) Equipment, Materials and Supplies

- (3) Computer Services
- (4) Vendor Services

- (5) Printing and Shipping