

CLIENT	Lee's Summit Municipal Airport
PROJECT NAME	Northwest T-Hangar and Taxilane Development - Phase 1
CMT JOB NO.	To Be Determined

Prep By	Tcs
DATE	05/31/17

TASK NO.	TASKS CLASSIFICATIONS	PRINCIPAL	SENIOR PROJECT ENGINEER / ARCHITECT	PROJECT MANAGER	LAND SURVEYOR	SENIOR ARCHITECT	SENIOR ENGINEER	SENIOR TECHNICAL MANAGER	SENIOR PLANNER	ARCHITECT	SENIOR TECHNICIAN	TECHNICAL PLANNER	TECHNICIAN II	TECHNICIAN I	ADMIN ASSISTANT	LABOR SUMMARY
		TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
	CURRENT YEAR 2017 HOURLY RATES	\$200	\$195	\$165	\$135	\$125	\$115	\$115	\$125	\$80	\$100	\$75	\$50			TOTAL
1	Topographic Survey						4	4								4
2	Geotechnical Investigation						4	4								4
3	Preliminary Design Report/7460s		6				24	24					8			38
4	Construction Phasing Plan (CSPP)		2				24	24					8			34
5	Proposed Improvements/Geometric Layout		2				16	16					8			26
6	Grading, Drainage, and Spot Elevations		2				24	24					8			34
7	Erosion Control		2				4	4					4			10
8	Typical Sections		2				8	8					8			18
9	Building Floor Plan and Elevations		2				16	16					8			26
10	Electrical building plan and details		2				36	36					16			54
11	Quantity Calcs, cost estimate, construction time calcs		2				8	8					4			14
12	Coordination/Review Meetings		6				6	6								12
13	Front End Documents		12				4	4								16
14	Technical Specifications		12				24	24								36
15	Bidding Phase		8				12	12								20
	TOTAL MAN HOURS		60		36		178				72					346
	SUBTOTAL - BASE LABOR EFFORT		\$11,700		\$4,860		\$20,470				\$7,200					\$44,230
	TASKS (CONTINUED)	TOTAL LABOR EFFORT	TRAVEL MILEAGE	MEALS & LODGING	PRINTING	EQUIP- MENT	MISC	SURVEY MTL	SUBS	SUBS ADMIN	OTHER EXP	OTHER EXP	TOTAL EXPENSE	TOTAL FEE		
1	Topographic Survey	\$460							\$4,000	\$400			\$4,400	\$4,860		
2	Geotechnical Investigation	\$460							\$4,000	\$400			\$4,400	\$4,860		
3	Preliminary Design Report/7460s	\$4,730											\$4,730	\$4,730		
4	Construction Phasing Plan (CSPP)	\$3,950											\$3,950	\$3,950		
5	Proposed Improvements/Geometric Layout	\$3,030											\$3,030	\$3,030		
6	Grading, Drainage, and Spot Elevations	\$3,950											\$3,950	\$3,950		
7	Erosion Control	\$1,250											\$1,250	\$1,250		
8	Typical Sections	\$2,110											\$2,110	\$2,110		
9	Building Floor Plan and Elevations	\$3,030											\$3,030	\$3,030		
10	Electrical building plan and details	\$6,850											\$6,850	\$6,850		
11	Quantity Calcs, cost estimate, construction time calcs	\$1,710											\$1,710	\$1,710		
12	Coordination/Review Meetings	\$1,860	\$50										\$50	\$1,910		
13	Front End Documents	\$2,800											\$2,800	\$2,800		
14	Technical Specifications	\$5,100											\$5,100	\$5,100		
15	Bidding Phase	\$2,940	\$50										\$550	\$3,490		
	TOTALS	\$44,230	\$100		\$500				\$8,000	\$800			\$9,400	\$53,630		
	TIME PERIOD OF PROJECT	2017	2018	2019	2020	TOTAL							10%	MULTI-YEAR + OT		
	PERCENTAGE OF WORK TO BE PERFORMED BY YEAR	100%				100%							15%	MULTIPLR & AMT		
	WEIGHTING FACTOR FOR 5% ANNUAL ADJUSTMENT	1.0000				1.0000							0.0150	\$660		
	ESTIMATED CONTINGENCY													\$5,430		
	ROUNDING															
	TOTAL FEE													\$59,720		
	MATH CROSS CHECK IS OK															

2017 Hourly Eng Fee Est 053117.xls TAB: ESTIMATE OF ENGINEERING FEE

CRAWFORD, MURPHY & TILLY, INC.
STANDARD SCHEDULE OF HOURLY CHARGES
EFFECTIVE JANUARY 1, 2017

Classification	Regular Rate Per Hour	Overtime Rate Per Hour
Principal	\$ 200	\$ 200
Senior Project Engineer/Manager	\$ 195	\$ 195
Project Engineer/Manager/Architect	\$ 165	\$ 165
Senior Engineer/Architect	\$ 135	\$ 155
Senior Technical Manager	\$ 125	\$ 145
Senior Planner/GIS Specialist	\$ 115	\$ 135
Engineer/Architect	\$ 115	\$ 135
Planner/Technical Manager	\$ 80	\$ 100
Land Surveyor	\$ 135	\$ 155
Senior Technician	\$ 125	\$ 145
Technician II	\$ 100	\$ 120
Technician I	\$ 75	\$ 90
Administrative Assistant/Accountant	\$ 50	\$ 60

If the completion of services on the project assignment requires work to be performed on an overtime basis, overtime rates will apply and the fee will be adjusted to include the additional premium costs. These rates are subject to change upon reasonable and proper notice. In any event this schedule will expire and be superseded by a new schedule on or about January 1, 2018.

To the amount charged at rates shown will be added the actual cost of blueprints, supplies, transportation and subsistence and other miscellaneous job related expenses directly attributable to the performance of services. A usage charge will be made when flow monitoring, sampling or level recording equipment, nuclear density equipment, GPS equipment, robotic total station or other similar specialized equipment are used directly on assignments.

Professional or subconsultant services furnished to the Crawford, Murphy & Tilly, Inc. by another company shall be invoiced at actual cost plus ten percent.