

**Lee's Summit FAMP CityWorks Vertical Implementation
Scope and Fee (05/14/2019)**

		<i>Eisele, Ryan L</i>	<i>Bagwell, Amanda B</i>	<i>Leipard, Amanda R</i>	<i>Walls, Mike</i>	<i>Lloyd, Bill</i>	<i>Davies, Anne E</i>	<i>Mynatt, Andrea B</i>	HDR Expenses	Total
	<i>Rate Schedule Code</i>	<i>Senior Project Manager I</i>	<i>Engineer III</i>	<i>Engineer II</i>	<i>Technical Specialist</i>	<i>Senior Technical Specialist</i>	<i>Project Accountant II</i>	<i>Project Assistant</i>		
	Billing Rate	\$210.00	\$155.00	\$125.00	\$250.00	\$275.00	\$110.00	\$95.00		
	TASKS									
A.	<i>Task 1 - Review Design of Asset and Condition Data for Readiness for Migration</i>									
1	Review existing vertical asset data, in spreadsheets and AMTools.	1		2	4					\$1,460
2	Develop data model for implementation in geodatabase.				8					\$2,000
3	Identify any potential issues regarding consolidation of source data sets in preparation for loading into the geodatabase.				2					\$500
4	Identify any concerns about the graphic representations of primary asset types				1					\$250
5	Identify program data to include in initial CityWorks asset information to capture asset and facility information, e.g. consequence of failure, equipment condition, useful life estimates, etc.	2	2	4	4					\$2,230
6	Identify recommended future enhancements to support programmatic activity that would not be included in initial implementation			4	2					\$1,000
7	Producing recommendations for restructuring existing elements of the City geodatabase, for review and approval by City data governance processes		2		4					\$1,310
8	Facilitate and conduct review meeting	2	2		8				\$1,200	\$3,930
	Subtotal Hours	5	6	10	33	0	0	0		
	Subtotal Dollars	1050	930	1250	8250	0	0	0	1200	\$12,680
	Total Task 1									\$12,680
B.	<i>Task 2 - Prepare Source Data for Migration</i>									
1	Create CSV files corresponding to data model				8					\$2,000
2	Extract data from sources into CSV files			32	8					\$6,000
3	Reconcile any conflicts in source data (for example, duplicate assets or conflicting attribution in different source data sets) in collaboration with City staff	2	4	40	16				\$1,200	\$11,240
	Subtotal Hours	2	4	72	32	0	0	0		
	Subtotal Dollars	420	620	9000	8000	0	0	0	1200	\$19,240
	Total Task 2									\$19,240

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	TASKS									
C.	Task 3 - Create Vertical Asset Registry in City Geodatabase									
1	Conduct Pilot Project for one vertical facility			24	24				\$1,500	\$10,500
2	Import CVS files and any modified geodatabase elements into temporary geodatabase using ArcTools and ArcCatalog functionality.			24	24					\$9,000
3	Define geodatabase relationships among these feature and object classes			16	24					\$8,000
4	Supplement database administration (e.g. loading domains)			24	16				\$1,200	\$8,200
5	Collaborate in loading geodatabase contents			24	8					\$5,000
6	Validate resulting geodatabase for valid structure			8						\$1,000
7	Confirm geodatabase corresponds to data model	2		2		2				\$1,220
8	Submit Final Report	1			4	1				\$1,485
	Subtotal Hours	3	0	122	100	3	0	0		
	Subtotal Dollars	630	0	15250	25000	825	0	0	2700	\$44,405
	Total Task 3									\$44,405
D.	Task 4 - Project Management									
1	Project Management and Administration	8						10		\$2,630
2	Budget and Invoice Management	6					10			\$2,360
	Subtotal Hours	14	0	0	0	0	10	10		
	Subtotal Dollars	2940	0	0	0	0	1100	950	0	\$4,990
	Total Task 4									\$4,990
	Total Hours	24	10	204	165	3	10	10		426
	Total Billing Amount	\$5,040	\$1,550	\$25,500	\$41,250	\$825	\$1,100	\$950	\$5,100	\$81,315

Estimated Project Fee

\$81,315