		1												1				1					
	Young, Patrick R	Carter, Michelle	Eisele, Ryan L	Bresette, Aaron J	Christmas/ Sandbothe/Lewis	English, Jeremy H	Bagwell, Amanda B	Humphrey, Scott F	Leipard, Amanda R	Maynard- Moody, Peter N	Janke, Jewel	Tomic, Sasa	Yakle, Johnny R	Meyer, Timothy C	Shields, Tyler	Rittershaus, Stephanie Gwen	Veldhouse, Kristen Lynn	Shannon, Alexander	Davies, Anne E	Mynatt, Andrea B	HDR Expenses	Subconsultants	Total
Rate Schedule Code	Senior Technical Specialist	Senior Project Engineer	Senior Project Manager	Senior Project Manager	Project Engineer	Project Engineer	Project Engineer	Senior Project Manager	Project Engineer	Senior Technician	Project Engineer	Quality Control	Survey Manager	Field Technician II	Field Technician II	Project Engineer	Project Engineer	Senior Project Engineer	Senior Support	Senior Support	t		
THE SEREMIC COLC	Specialist	Engineer	Sr.Project	Sr.Project	Hydraulic Modeler/Project	Sr. Hydraulic Modeler/ Project	Sr. Project	Hydraulic Modeling	Project	recimican	Liigineer	Hydraulic	Manager	recimiciann	recimeran	Public Engagement	Public	Financial	July	July			
Project Role	PM	Asst PM	Lead	Lead	Engineer	Engineer	Engineer	Lead	Engineer	Sr. Tech	EIT	Modeling QC	Surveyor	Field Crew	Field Crew	Lead	Engagement	Analyst	Accountant	Coordinator			
Billing Rate	\$275.00	\$195.00	\$225.00	\$225.00	\$140.00	\$160.00	\$160.00	\$225.00	\$135.00	\$140.00	\$110.00	\$250.00	\$160.00	\$80.00	\$80.00	\$160.00	\$110.00	\$185.00	\$110.00	\$95.00		TREKK	
TASKS																							
A. Task 1 - Field Data Collection																							
Flow data processing and data delivery																						\$10,575	\$10,575
2 Move City-owned meters		8			8														1				\$2,680
3 Field Survey SS Manholes	1		1		1			1					40	225	225	<del>                                     </del>	+		1		+		\$42,400
Subtotal Hours	0	8	0	0	8	0	0	0	0	0	0	0	40	225	225	0	0	0	0	0	+		+
Subtotal Dollars	0	1560	0	0	1120	0	0	0	0	0	0	0	6400	18000	18000	0	0	0	0	0	0	10575	\$55,655
Total Task 1																							\$55,655
B. Task 2 - Hydraulic Models Development																							
I Model network updates (4 models)	1	14	2		44	40	2	2	20	4													\$20,045
2 Flow and rainfall data analysis					48						16												\$8,480
3 Existing conditions models (4) calibration and verification		5	3		156	154		8				4											\$50,930
4 Prepare materials for Model Calibration Workshop	2	8	2		4	4		4															\$4,660
Subtotal Hours	3	27	7	0	252	198	2	14	20	4	16	4	0	0	0	0	0	0	0	0			
Subtotal Dollars	825	5265	1575	0	35280	31680	320	3150	2700	560	1760	1000	0	0	0	0	0	0	0	0	0	0	\$84,115
Total Task 2																							\$84,115
C. Task 3 - Existing System Capacity Evaluation																							
Add near term improvements for current and committed projects		1		1	4																		\$980
2 Establish downstream boundary condition constraints for LBVSD and MBC																							
systems and incorporate into model.		2			2																		\$670
3 Complete capacity assessment model runs for each basin. Assume up to four (4)																							
design storm events to be evaluated per basin.		2			12	12		2															\$4,440
4 Develop mapping and characterization of existing condition performance.								_										1	1	1			<b>V</b> 1,110
		2			12	12		2															\$4,440
5 Identify modeled capacity bottlenecks, and define design flows at key locations																							
(e.g. connection point to downstream facilities, major pump stations, other key																							
points). Compare bottlenecks to known capacity constraints and identify key																							
findings.	1	4	2		4	4																	\$2,705
6 Identify areas of high I/I that will be focus areas for evaluating I/I reduction measures during the alternatives analysis.		2			4	2											1						\$1,270
7 Prepare for and facilitate Existing Capacity Evaluation Workshop with City staff to	1	2	+	-	4	2		1							+		+		+		+		\$1,270
review results of task. Prepare meetings minutes and address City comments.	1															1			1				
		4	2		2	2		2									1						\$2,555
8 Complete field investigation to confirm model results in key areas. Investigate	1	4	2	-	2	2		2							+		+		+		+		\$2,555
issues and determine any updates needed to model.		4			8						8					1			1				\$2,780
Update and refine model calibration in specific areas if needed to improve model		-			ŭ																		92,760
accuracy.					12	12																	\$3,600
Subtotal Hours	2	21	4	1	60	44	0	6	0	0	8	0	0	0	0	0	0	0	0	0			
Subtotal Dollars	550	4095	900	225	8400	7040	0	1350	0	0	880	0	0	0	0	0	0	0	0	0	0	0	\$23,440
Total Task 3																							\$23,440

										Maynard-						Rittershaus,							
	Young, Patrick R		Eisele, Ryan L	Bresette, Aaron J	Christmas/ Sandbothe/Lewis	English, Jeremy H	Bagwell, Amanda B	Humphrey, Scott F	Leipard, Amanda R	Moody, Peter N	Janke, Jewel	Tomic, Sasa	Yakle, Johnny R	Meyer, Timothy C	Shields, Tyler	Stephanie Gwen	Veldhouse, Kristen Lynn	Shannon, Alexander	Davies, Anne E	Mynatt, Andrea B	HDR Expenses	Subconsultants	Total
	Senior																						
Rate Schedule Code	Technical Specialist	Engineer	Senior Project Manager	Senior Project Manager	Project Engineer	Project Engineer	Project Engineer	Senior Project Manager	Project Engineer	Senior Technician	Project Engineer	Quality Control	Survey Manager	Field Technician II	Field Technician II	Project Engineer	Project Engineer	Engineer	Senior Support	Senior Support Staff			
					Undranija	Sr. Hydraulic Modeler/		Undraulia								Public							
			Sr.Project	Sr.Project	Hydraulic Modeler/Project	Project	Sr. Project	Hydraulic Modeling	Project			Hydraulic				Engagement	Public	Financial					
Project Role	PM	Asst PM	Lead	Lead	Engineer	Engineer	Engineer	Lead	Engineer	Sr. Tech	EIT	Modeling QC	Surveyor	Field Crew	Field Crew	Lead	Engagement	Analyst	Accountant	Coordinator			
Billing Rate	\$275.00	\$195.00	\$225.00	\$225.00	\$140.00	\$160.00	\$160.00	\$225.00	\$135.00	\$140.00	\$110.00	\$250.00	\$160.00	\$80.00	\$80.00	\$160.00	\$110.00	\$185.00	\$110.00	\$95.00		TREKK	
TASKS																							<u> </u>
D. Task 4 - Develop Future Growth Projections  I Review and compile Comprehensive Plan growth projection information including	,																						4
locations and types of developments, and assumed population projection																]				1			
standards. Develop list of questions.	1	4							8														\$2,135
2 Facilitate meeting with City Comprehensive Plan team leads to review projections	5																						
from plan and confirm understanding of projections.	2	4							4														\$1,870
3 Develop initial growth projection mapping in GIS for 20-year, and Ultimate Conditions.																							
Conditions		2							16														82 (7)
Develop initial timing projections for developments for 10-year, 20-year, and		2							16	8													\$3,670
ultimate planning horizons.		2							8														\$1,470
5 Facilitate up to three (3) meetings with City and other stakeholders to help																							
confirm characteristics and timing of future developments.	4	12							12														\$5,060
6 Provide mapping and documentation of growth projections to City for review and																							
comments. Update per comments.		8							8														\$2,640
7 Facilitate workshop with City and Comprehensive Plan team to review projections, incorporate final comments and and finalize projections used for																							
Master Plan.	2	8	4						8														\$4,090
Subtotal Hours	9	40	4	0	0	0	0	0	64	8	0	0	0	0	0	0	0	0	0	0			\$4,070
Subtotal Dollars	2475	7800	900	0	0	0	0	0	8640	1120	0	0	0	0	0	0	0	0	0	0	0	0	\$20,935
Total Task 4																							\$20,935
E. Task 5 - Flow Planning Criteria for Future Growth																							
I Compile flow data set to utilize for evaluation of wet weather flows produced by																							
developments in the metro area with modern sewer construction standards and																							
building codes. Characterize each basin in the study based on size, system age, and other relevant factors.		2	2		4				8	8													\$3,600
Compile planning criteria utilized by similar regional utilities.		2	1		-					Ü													\$615
3 Evaluate flows produced in the study areas		4	2		40																		\$6,830
4 Characterize data from relevant City basins and comparable regional areas and identify key findings.		4	4													]				1			63.00(
5 Develop recommended alternative design criteria.	2	8	4		8			2												+	+		\$2,800 \$4.020
6 Complete comparative projections identifying projected planning flows produced		1	· ·					<u> </u>												1			1.,320
by alternative design criteria. Compare to City's current criteria and best regional																							
comparable criteria.  7 Escilitate Workshop to review results of design criteria evaluation and	1	4	2		12	8		2												1	1		\$4,915
7 Facilitate Workshop to review results of design criteria evaluation and recommendations. Prepare meetings minutes and address City comments.																]							
· · ·	2	4	2		12			2															\$3,910
8 Update criteria per comments and document recommended criteria to be used for Master Plan.	1							_															61.00/
for Master Plan.  Subtotal Hours	6	2 <b>30</b>	2 19	0	80	2 10	0	2 <b>8</b>	8	8	0	0	0	0	0	0	0	0	0	0	1		\$1,885
Subtotal Hours Subtotal Dollars	1650	5850	19 4275	0	11200	1600	0	1800	1080	1120	0	0	0	0	0	0	0	0	0	0	0	0	\$28,575
Total Task 5	1030	3030	72/3		11200	1000		1300	1000	1120												, J	\$28,575
i Otali i dan J																							\$40,373

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																						/	
																						1	
	Vouna Batrick	Cartor		Bracatta	Christmas/	English	Paguall	Humphrou	Lainard	Maynard- Moody, Peter			Yakle, Johnny	Mouer		Rittershaus,	Veldhouse,	Shannon,		Munatt		1	
	Young, Patrick R	k Carter, Michelle	Eisele, Ryan L	Bresette, Aaron J	Sandbothe/Lewis	English, Jeremy H	Bagwell, Amanda B	Humphrey, Scott F	Leipard, Amanda R	N	Janke, Jewel	Tomic, Sasa	R R	Meyer, Timothy C	Shields, Tyler	Stephanie Gwen	Kristen Lynn	Alexander	Davies, Anne E	Mynatt, Andrea B	HDR Expenses	Subconsultants	Total
	Senior	- Innerienc	Listie, nyan L	7.0.75	Sunuscine, zemis	Jeremy II	7	555117	711114114411		zume, zener	1011110) 5454		·····ouiy c	omeras, ryier	Circii	inisten zyiii	Упскалася	Duvies, rimie 2	7	Libre Expenses	Subconsumuns	2000
	Technical	Senior Project	Senior Project	Senior Project		Project	Project	Senior Project	Project	Senior	Project	Quality	Survey	Field	Field	Project	Project	Senior Project	Senior Support	Senior Support	t '	1	
Rate Schedule Code	Specialist	Engineer	Manager	Manager	Project Engineer	Engineer	Engineer	Manager	Engineer	Technician	Engineer	Control	Manager	Technician II	Technician II	Engineer	Engineer	Engineer	Staff	Staff	/	/	
						Sr. Hydraulic															A	/	
					Hydraulic	Modeler/		Hydraulic								Public				1		1	
			Sr.Project	Sr.Project	Modeler/Project	Project	Sr. Project	Modeling	Project			Hydraulic				Engagement	Public	Financial			/	/	
Project Role	PM	Asst PM	Lead	Lead	Engineer	Engineer	Engineer	Lead	Engineer	Sr. Tech	EIT	Modeling QC	Surveyor	Field Crew	Field Crew	Lead	Engagement	Analyst	Accountant	Coordinator	A /	/	
Billing Rate	\$275.00	\$195.00	\$225.00	\$225.00	\$140.00	\$160.00	\$160.00	\$225.00	\$135.00	\$140.00	\$110.00	\$250.00	\$160.00	\$80.00	\$80.00	\$160.00	\$110.00	\$185.00	\$110.00	\$95.00		TREKK	
TASKS																							
E																							
Task 6 - Future Conditions Model Development and Capacity Evaluation																					<i></i>		
Identify conceptual locations of major gravity interceptor and trunk sewer																							
extensions, and potential pump station locations to serve anticipated future																							
growth areas that cannot be served with the existing collection system.																							
	1	8			8	8	24																\$8,075
2 Develop dry weather flow response contributions for future developments and																						1	
incorporate into model.					16	16		2												ļ	<u> </u>	<b></b>	\$5,250
3 Develop wet weather flow response contributions for future developments and						i _ l		_		]							]				'		
incorporate into model.		-	1		24	24		8		<del>                                     </del>		1		1			<del>                                     </del>		1	<del> </del>	+'	<del>                                     </del>	\$9,000
Develop 2030 Condition Models.     Develop 2040 Conditions Models.		+	1		20 40	20 40		4		<del> </del>		1		+			<del> </del>		1	+	+'	<del>                                     </del>	\$6,900 \$12,900
6 Complete capacity assessment model runs for each basin, for each planning					40	40		4												-	+'	<del>                                     </del>	\$12,900
period. Assume up to three (3) design storm events to be evaluated per basin.																							
		2			12	12		2												ļ		<u> </u>	\$4,440
7 Develop mapping and characterization of future conditions performance for each								2															62.24
planning period.  8 Identify modeled capacity bottlenecks, and define design flows at key locations		2	<u> </u>		8	8		2		<del>                                     </del>		<del> </del>		<del> </del>			<del>                                     </del>		<del> </del>	<del> </del>	+'	<del> </del>	\$3,240
(e.g. connection point to downstream facilities, major pump stations, other key																							
points). Document key findings.	1	4	2		8			2															\$3,075
9 In areas where Ultimate Conditions may have significant impact on	_				-																<del>                                     </del>		
improvements needed for 10-year and 20-year planning period, complete																							
abbreviated modeling and or/flow projections to estimate ultimate design flows.	1	2	2		12	8	4																64.714
10 Develop initial recommendations for Level of Service goals to evaluate in each	1	2	2		12	8	4														<del>                                     </del>	<del>                                     </del>	\$4,715
basin.	2	2	2					2															\$1,840
11 Prepare for and Facilitate Workshop Future Conditions Capacity Evaluation and	_	-	_					_												<del>                                     </del>	+		<b>\$1,01</b>
Alternatives Development Workshop to review findings, and review alternatives																							
to be evaluated for future conditions (alternatives identified in Task 8).																							
	2	8	4		8	8		2												<u> </u>	'	1	\$5,860
Subtotal Hours	7	28	10	0	156	144	28	28	0	0	0	0	0	0	0	0	0	0	0	0	'		
Subtotal Dollars	1925	5460	2250	0	21840	23040	4480	6300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$65,295
Total Task 6																							\$65,295
G. Task 7 - System Renewal and I/I Reduction Strategies and Needs Forecasting																						1	
L Compile part City historical records:																							
Compile past City historical records:     Work with City to develop assumptions for access with out again for motion in CIS.		-	2		-	1			4	2									<b> </b>	<del></del>	+'	<del>                                     </del>	\$1,270
2 Work with City to develop assumptions for areas without age information in GIS <(~80% do not have age in our current GIS>. Discuss best way to populate can										[							[				1		
City provide support?			1						4	4							[				1		\$1,325
3 Compile planned near term renewal work and schedule, and estimated unit costs		1							7	7											†		Ψ1,32.
for current and future work.			1						4												'		\$765
4 Compile available PACP coded CCTV observation data and format for																							
condition/risk evaluation:									8	2										<u> </u>	<u> </u>	<b></b>	\$1,360
5 Utilize HDR Automated Risk and Prioritization Decision Model to characterize										[							[				1		
results of past condition assessment work and characterize findings by age and										[							[				1		
condition. Document any key trends that different in comparison to other regional utilities.		_								42							[				1		0.5
6 Facilitate Workshop with City to review:		2	4		-	<del>                                     </del>		<del> </del>	20 12	12 4		<del> </del>		<del> </del>			<del>                                     </del>		<del> </del>	<del> </del>	+'	<del> </del>	\$5,670 \$3,470
7 Work with City to establish preferred inspection and renewal strategies for 20-			-						14	4									<u> </u>	<del>                                     </del>	+		\$3,470
Year planning period.		2	2						8												'		\$1,920
8 Utilizing past inspection findings, future plan for condition assessments, age and						1			-												T		,/2
material of system, and engineering judgment, estimate quantity of system										[							[				1		
renewal work to completed during planning period and planning level costs and										[							[				1		
corresponding programmatic costs:		2	4						20	8							[				1		\$5,110
9 Extrapolate results of public sector condition and renewal plan to estimate % I/I	1	<del> </del>	•			1			<u> </u>												<b>†</b>		,11
reduction for baseline public sector renewal in areas of focus.		2	4						24	12											'		\$6,21
10 Develop private sector I/I reduction approach alternatives, and characterize			-		1	1			24	14									<u> </u>	<del>                                     </del>	+	<del>                                     </del>	\$0,21
benefits and challenges of each.	4	12	2		16																'		\$6,130
Subtotal Hours	4	22	24	0	16	0	0	0	104	44	0	0	0	0	0	0	0	0	0	0	T		70,10
Subtotal Dollars	1100	4290	5400	0	2240	0	0	0	14040	6160	0	0	0	0	0	0	0	0	0	0	0	0	\$33,230
	-100	.250	2 700	, i					040	0200										<u> </u>	<del></del> '	<del></del>	
Total Task 7																							\$33,230

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										Maynard-						Rittershaus,							
	Young, Patrick	Carter,		Bresette,	Christmas/	English,	Bagwell,	Humphrey,	Leipard,	Moody, Peter			Yakle, Johnny	Meyer,		Stephanie	Veldhouse,	Shannon,		Mynatt,			
	R	Michelle	Eisele, Ryan L	Aaron J	Sandbothe/Lewis	Jeremy H	Amanda B	Scott F	Amanda R	N	Janke, Jewel	Tomic, Sasa	R	Timothy C	Shields, Tyler	Gwen	Kristen Lynn	Alexander	Davies, Anne E	Andrea B	HDR Expenses	Subconsultants	Total
	Senior Technical	Senior Project	Senior Project	Senior Project		Project	Project	Senior Project	Project	Senior	Project	Quality	Survey	Field	Field	Project	Project	Senior Project	Senior Support	Sanior Sunnort			
Rate Schedule Code	Specialist	Engineer	Manager	Manager	Project Engineer	Engineer	Engineer	Manager	Engineer	Technician	Engineer	Control	Manager	Technician II	Technician II	Engineer	Engineer	Engineer	Staff	Staff			
						Sr. Hydraulic																	
					Hydraulic	Modeler/		Hydraulic								Public							
Project Role	PM	Asst PM	Sr.Project Lead	Sr.Project Lead	Modeler/Project Engineer	Project Engineer	Sr. Project Engineer	Modeling Lead	Project Engineer	Sr. Tech	EIT	Hydraulic Modeling QC	Surveyor	Field Crew	Field Crew	Engagement Lead	Public Engagement	Financial Analyst	Accountant	Coordinator			
Billing Rate	\$275.00	\$195.00	\$225.00	\$225.00	\$140.00	\$160.00	\$160.00	\$225.00	\$135.00	\$140.00	\$110.00	\$250.00	\$160.00	\$80.00	\$80.00	\$160.00	\$110.00	\$185.00	\$110.00	\$95.00		TREKK	
	Ş273.00	\$193.00	<b>7223.00</b>	3223.00	\$140.00	\$100.00	<b>Ģ100.00</b>	\$223.00	\$133.00	3140.00	J110.00	3230.00	\$100.00	\$80.00	,500.00	<b>7100.00</b>	\$110.00	\$185.00	3110.00	\$55.00		IRLAN	
TASKS																							<del> </del>
H. Task 8 - Alternatives Evaluation -Level of Service (LOS) Evaluation and																							
Determination of Preferred Wet Weather Management Strategy for Each Basin																							
1 Alternative Development	4	33	6		56	56		4															\$26,585
Alternatives Evaluation – 20-Year Planning Period     Prepare materials for and Facilitate Alternatives Evaluation workshop with City	2	16	2	8	16																		\$8,160
staff to review findings and recommendations. Prepare meetings minutes and					1																		'
address City comments.	2	8	4	2																			\$3,460
4 Update recommended improvements for 20-Year planning period based on City comments.	,		2			4																	\$3,760
5 Develop recommended improvements required to address growth for 10-Year	2	8	2		4	4		<del> </del>									<del> </del>						\$3,760
planning period, and recommended phasing	1	8	2		4	4																	\$3,485
6 Develop recommended I/I reduction strategies and corresponding plan			-		1	-																	95,765
corresponding to preferred alternatives. Incorporate into programmatic R/R																							
approach.  7 Resiliency analysis for Tudor and Scruggs service areas	2	40	8		40 40	20																	\$19,500 \$14,270
/ Resiliency analysis for Tudor and Scruggs service areas		16	8		40	20																	\$14,270
Subtotal Hours	17	129	32	10	160	104	0	4	0	0	0	0	0	0	0	0	0	0	0	0			30
Subtotal Dollars	4675	25155	7200	2250	22400	16640	0	900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$79,220
Total Task 8																						-	\$79,220
I. Task 9 - Management Strategy Updates and Documentation																							
Coordinate Master Plan updates and strategies to be incorporated into Strategic		24			20		8																610.740
Plan     Support the City in communication and engagements with external stakeholders.	4	24	4		20		8																\$10,760
2 This support my include but not be limited to:	14	24	16		16				16							32	60						\$28,250
Subtotal Hours	18	48	20	0	36	0	8	0	16	0	0	0	0	0	0	32	60	0	0	0			
Subtotal Dollars	4950	9360	4500	0	5040	0	1280	0	2160	0	0	0	0	0	0	5120	6600	0	0	0	0	0	\$39,010
Total Task 9																							\$39,010
J. Task 10 - CIP Development and Implementation Plan  I Establish Preliminary 20-year CIP	1	6	2		4	4			4														\$3,635
2 Financial impacts analysis	4	20	10		7	4			4														\$7,250
3 Establish Final CIP and Implementation Plan for improvements	1_	4	2_																				\$1,505
Subtotal Hours	6	30	14	0	4	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0			
Subtotal Dollars	1650	5850	3150	0	560	640	0	0	540	0	0	0	0	0	0	0	0	0	0	0	0	0	\$12,390
Total Task 10																							\$12,390
V Turk 44 Tools to be made in a set Truck in																							
K. Task 11 - Tools Integration and Training  L. Eacilitate up to three (2) workshops with City staff to support training on																							4
I Facilitate up to three (3) workshops with City staff to support training on hydraulic model use.		2	2		16			16				12											\$9,680
2 Provide GIS data developed through project to City. Support City in integrating																	1						ψ,,οσο
with GIS and CityWorks.					4				8								ļ						\$1,640
Subtotal Hours	0	2	2	0	20	0	0	16	8	0	0	12	0	0	0	0	0	0	0	0			<del> </del>
Subtotal Dollars	0	390	450	0	2800	0	0	3600	1080	0	0	3000	0	0	0	0	0	0	0	0	0	0	\$11,320
Total Task 11																							\$11,320
L. Task 12 - Final Report																							
Document results of Master Plan in Draft report and submit to City for review and																							
comment.	4	30	4		60				16														\$18,410
Facilitate review meeting to discuss City comments.	2	2	2																		<b>#</b> C22		\$1,390
3 Update report and submit final report.		8		_	8			_	4		•		•			•	_	_	_	_	\$800		\$4,020
Subtotal Hours Subtotal Dollars	6 1650	40 7800	6 1350	0	68 9520	0	0	0	20 2700	0	0	0	0	0	0	0	0	0	0	0	800	n	\$23,820
Total Task 12	1020	7800	1330	U	7320	U	U	U	2/00	U	U	U	U	U	U	U	U	U	U	U	000	U	
TOTAL TUSK 12																							\$23,820

	Young, Patrick R Senior		Eisele, Ryan L	Bresette, Aaron J	Christmas/ Sandbothe/Lewis	English, Jeremy H	Bagwell, Amanda B	Humphrey, Scott F	Leipard, Amanda R	Maynard- Moody, Peter N	Janke, Jewel	Tomic, Sasa	Yakle, Johnny R	Meyer, Timothy C	Shields, Tyler	Rittershaus, Stephanie Gwen	Veldhouse, Kristen Lynn	Shannon, Alexander	Davies, Anne E	Mynatt, Andrea B	HDR Expenses	Subconsultants	Total
	Technical	Senior Project	Senior Project	Senior Project		Project	Project	Senior Project	Project	Senior	Project	Quality	Survey	Field	Field	Project	Project	Senior Project	Senior Support	Senior Support			
Rate Schedule Code	Specialist	Engineer	Manager	Manager	Project Engineer	Engineer	Engineer	Manager	Engineer	Technician	Engineer	Control	Manager	Technician II	Technician II	Engineer	Engineer	Engineer	Staff	Staff		1	
Project Role	PM	Asst PM	Sr.Project Lead	Sr.Project Lead	Hydraulic Modeler/Project Engineer	Sr. Hydraulic Modeler/ Project Engineer	Sr. Project Engineer	Hydraulic Modeling Lead	Project Engineer	Sr. Tech	EIT	Hydraulic Modeling QC	Surveyor	Field Crew	Field Crew	Public Engagement Lead	Public Engagement	Financial Analyst	Accountant	Coordinator			
Billing Rate	\$275.00	\$195.00	\$225.00	\$225.00	\$140.00	\$160.00	\$160.00	\$225.00	\$135.00	\$140.00	\$110.00	\$250.00	\$160.00	\$80.00	\$80.00	\$160.00	\$110.00	\$185.00	\$110.00	\$95.00		TREKK	
TASKS																							
																						ı	
M. Task 13 - Project Management																							
1 Project management and administration (project setup)		4																		8			\$1,540
2 Budget and invoice management	1	8																	12	4		<b></b>	\$3,535
3 Quality Control and Project Approach and Resource Review	4		2					4				2										<b></b>	\$2,950
Subtotal Hours	5	12	2	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	12	12			
Subtotal Dollars	1375	2340	450	0	0	0	0	900	0	0	0	500	0	0	0	0	0	0	1320	1140	0	0	\$8,025
Total Task 13																							\$8,025
Total Base Hours	83	437	144	11	860	504	38	80	244	64	24	18	40	225	225	32	60	0	12	12		<u>.                                    </u>	3,113
Total Base Billing Amount	\$22,825	\$85,215	\$32,400	\$2,475	\$120,400	\$80,640	\$6,080	\$18,000	\$32,940	\$8,960	\$2,640	\$4,500	\$6,400	\$18,000	\$18,000	\$5,120	\$6,600	\$0	\$1,320	\$1,140	\$800	\$10,575	\$485,030

Estimated Project Fee

\$485,030