

**PROFESSIONAL SERVICES AGREEMENT AMENDMENT #1 – PROJECT 14-020:
RUSSELL STREET WATER MAIN RELOCATION AND EXTENSION DESIGN AND DEQ
SUBMITTAL**

THIS PROFESSIONAL SERVICES AGREEMENT AMENDMENT NO. 1 is made and entered into this ____ day of _____, 2017, by and between the **CITY OF MISSOULA, MONTANA**, a municipal corporation organized and existing under the laws of the State of Montana, 435 Ryman, Missoula, Montana 59802, hereinafter referred to as "City," and WGM Group, 1111 E. Broadway, Missoula, MT 59802 hereinafter referred to as "Consultant."

Recitals

1. On June 15, 2016, the above parties entered into an agreement whereby the Consultant agreed to perform work and services consisting of design of the Russell Street Sewer Interceptor re-routing for which the City agreed to pay the amount of Thirteen Thousand Nine Hundred Twenty Three and 00/100 Dollars (\$13,923.00), herein referred to as "Agreement."

2. Since the execution of the Agreement, the parties desire to amend it as set forth in this Professional Services Agreement Amendment.

Amendment

In consideration of the mutual covenants and agreements herein contained, the receipt and sufficiency whereof being hereby acknowledged, the parties hereto agree to amend the Agreement as follows:

1. Paragraph 3, Scope of Work, is amended to incorporate the following Scope of Services:

Design of the Russell Street Water Main relocation and extension as further detailed and itemized in Consultant Scope of Services and Cost Estimate dated March 28, 2017 (See exhibit A).

2. Paragraph 4, Payment, is amended in the first sentence to read as follows:

“City agrees to pay Consultant Sixty Seven Thousand Six Hundred Forty One and 00/100 Dollars (\$67,641.00) for the Amended Scope of Services described above.”

IN WITNESS WHEREOF, the parties hereto have executed this instrument the day and year first above written.

CITY OF MISSOULA, MONTANA

WGM Group
CONSULTANT (Type Name Above)

By _____
John Engen, Mayor

By _____
Print Name: _____
Print Title: _____

Attest:

By _____
Martha L. Rehbein C.M.C, City Clerk

APPROVED AS TO FORM

By _____
JIM NUGENT, City Attorney



PLANNING ■ SURVEYING ■ ENGINEERING ■ DESIGN

March 28, 2017

John Wilson
City of Missoula
435 Ryman Street
Missoula, MT 59802

RE: Russell Street Water Main Relocation and Extension
Design and DEQ Submittal Scope of Services

Dear John:

Per your request, WGM Group, Inc. is pleased to present this scope of services for water main-related work associated with the Russell Street improvements. This effort will include the water main relocation at the Milwaukee Trail Underpass, a water main extension between Wyoming Street and Broadway Avenue, a water main crossing of the Clark Fork River and general coordination with MDT. This scope assumes the existing MDT survey data, base maps of existing conditions and geotechnical borings can be used by the City and are adequate for this work.

Over the past few months, WGM Group has worked with Mountain Water Company (MWC) to design a necessary water relocation at the Milwaukee Trail Pedestrian Underpass that is being built as part of the MDT Russell Street – Idaho to Dakota Project. This effort was coordinated with the City's relocation of a sewer interceptor in the same vicinity. The water main relocation design is about 90% complete and plans were prepared in standard MWC format. It is our understanding, with the City obtaining ownership and beginning operation of the water system, that these designs will be completed for the City and incorporated in the MDT Russell Street plans, similar to the necessary City sewer main relocations.

We understand the City is also interested in extending the existing water main in Russell Street to the north. This main extension will either cross the Clark Fork River or be designed to allow for this crossing in the future. It will extend north and connect to existing water mains in the vicinity of Broadway Avenue. Because water system components on the north and south side of the river are part of different pressure zones, a pressure reducing vault will be necessary for the connections.

MDT plans to bid the Russell Street improvements in July 2017. To meet this date, final plans need to be complete no later than May 16, 2017, which leaves only a short time frame for completing the water plans. This condensed schedule will require close coordination with the City and MDT so the designs can be incorporated into the MDT plans set. We are prepared to complete this work in the next several weeks and anticipate completion by May 1, 2017.

In order to meet the required completion date, WGM is prepared to closely coordinate several simultaneous efforts. We propose the following scope of work for this project:

Task 1: Water Main Relocation at the Milwaukee Trail Pedestrian Underpass

WGM Group will complete the design work for the water main relocation at the Milwaukee Pedestrian Trail Underpass, which was previously prepared for MWC. Designs and technical specification requirements will be coordinated with the City. Final plans and technical specifications will be prepared in MDT format to be incorporated into the MDT plan set and construction documents. A design report and required project information will be prepared and submitted to DEQ for review and approval as soon as possible, but preferably before bidding. Construction observation will be conducted on behalf of the City with record drawings and post construction documentation submitted to the City and DEQ.

Subtask 1.1 Final Designs

This task includes items associated with completing the final water main relocation designs. The following items are included:

- Complete water main relocation designs
- Review designs with City personnel
- Prepare designs and details in MDT format
- Prepare MDT quantity schedule for water main items
- Prepare technical specifications based on City of Missoula standards and Montana Public Works Standard Specifications. Technical specification will be prepared in MDT format to be included with the Russell Street Improvement Project.
- Coordinate with the design team for MDT Russell Street – Idaho to Dakota Project to ensure accuracy of both existing and proposed conditions base maps
- Conduct an internal review of the plans, specifications, and design report. A senior engineer other than the project manager will be assigned to conduct the review.

Deliverable(s): Final Designs, Technical Specifications, MDT Plans, 3 hard copy sets of final documents as approved by MDT and DEQ

Subtask 1.2 DEQ Submittal

This task includes items associated with submitting and obtaining required DEQ approval prior to construction. This submittal will likely occur after the plans have been submitted to MDT on the anticipated May 1st date. The following items are included:

- Prepare required information in Circular DEQ-1 and submit information for DEQ review and approval
- Coordinate with DEQ during review
- DEQ review fees will be determined at the time of submittal; fees will be paid directly by the City

Deliverable(s): DEQ Submittal

Task 02: Russell Street Water Main Extension from Wyoming to Broadway

WGM Group will complete design work for the water main extension from Wyoming Street to Broadway Avenue, including crossing the Clark Fork River. Design development and alternative analysis will be completed ahead of final designs to determine the preferred alternative for the main extension. Final designs will then be prepared in MDT format to be incorporated into the MDT plan set for Russell Street.

Subtask 2.1 Design Development and Alternative Analysis

This task includes items associated with design development and alternative evaluation. WGM Group will identify and evaluate design alternatives for extending the existing water main from Wyoming Street to the existing water main near the intersection of Russell and Cooper Street. Alternatives will consider connections to existing mains, open-cut trenching, crossing the Clark Fork River, main alignments, existing utilities and cost of construction. The feasibility of each alternative will be determined along with benefits and construction complications. Schematic designs will be prepared for up to three alternatives. A preliminary design memo will be prepared outlining the various alternatives. The memo and schematic designs will be submitted to the City for review. In consultation with the City, a preferred alternative will be selected for final design. The following items are included:

- Identify design alternatives for main extension
- Identify design alternatives for Clark Fork River crossing
- Analyze alternatives
- Complete schematic design for feasible alternatives
- Estimate anticipated construction costs for each feasible alternative
- Prepare preliminary design memo outlining alternatives
- Consult and review alternatives with City to select preferred alternative, prior to April 7, 2017
- QA/QC

Deliverable(s): Schematic Designs, Construction Cost Estimates, Preliminary Design Memo

Subtask 2.2: Final Design

WGM Group will prepare final design plans and details for the preferred alternative. Plans will be prepared in MDT format, consistent with City of Missoula standards, to be included with the Russell Street plans. Plans will be submitted to the City for review and approval, and will follow MDT's standard submittal and review procedure. The following items are included:

- Conduct final review of existing utilities, design alignment, design depth, bridge designs, and planned improvements for Russell Street to ensure there are no conflicts that cannot be resolved in the design
- Prepare final design plan and profile sheets

- Prepare final design details
- Prepare final designs and specifications for the Russell Street water main extension from Wyoming to Cooper Street and the Clark Fork River crossing
- Prepare technical specifications based on City of Missoula standards and Montana Public Works Standard Specifications. Technical specification will be prepared in MDT format to be included with the Russell Street Improvement Project.
- Coordinate final designs with MDT
- Prepare MDT quantity schedule for water related items
- Prepare detailed final cost estimates (engineering, CM and construction) based on final design plans
- Prepare plans for MDT submittals and reviews
- Conduct final design review meeting with City personnel. Review the final plans, specifications, and design report prior to submittal to DEQ.
- Conduct an internal review of the plans, specifications, and design report. A senior engineer other than the project manager will be assigned to conduct the review.

Deliverable(s): Final Plans and Specifications in MDT Format (to be included with MDT project documents)

Subtask 2.3 DEQ Submittal

This task includes items associated with submitting and obtaining required DEQ approval prior to construction. This submittal will likely occur after the plans have been submitted to MDT on the anticipated May 1st date. The following items are included:

- Prepare required information in Circular DEQ-1 and submit information for DEQ review and approval
- Coordinate with DEQ during review
- DEQ review fees will be determined at the time of submittal; fees will be paid directly by the City

Deliverable(s): DEQ Submittal

Task 03: Assist City with MDT Project Coordination of Water Main Design and Construction

Due to the time sensitive nature of this work, the City has asked WGM Group to assist with general coordination with MDT regarding plan review, agreements, meetings and other items as requested. This effort will be necessary to ensure the City project can meet the short time frame to be incorporated into the MDT plans. The following items are included:

- Coordinate with City and MDT
- Attend MDT meetings as necessary
- Document reviews, as requested
- Provide general assistance to the City, as requested

Additional Services

Services not specifically described in the tasks above are not included in this scope of work, but may be provided through a scope and budget amendment. Additional services may include:

- Construction observation and post construction submittals
- Other items as requested

Fee Estimate

Our fee for this project will be billed on a time and materials basis and will not exceed \$67,641, as shown on the attached estimate, without a supplemental agreement. Fees are valid through December 2018 and may need to be adjusted if the project extends beyond this date.

Professional Services Fee Summary	
Task 1: Water Main Relocation at the Milwaukee Trail Pedestrian Underpass	\$12,757
Task 02: Russell Street Water Main Extension from Wyoming to Broadway	\$49,128
Task 03: Assist City with MDT Project Coordination	\$5,756
Total	\$67,641

Schedule

WGM Group is prepared to begin work immediately upon authorization from the City of Missoula and anticipates having this work complete by May 1, 2017.

Thank you for the opportunity to provide these services. We look forward to working with you on this project. Please contact our office at (406) 728-4611 if you have any questions.

Sincerely,
WGM Group, Inc.



Jonathan L. Gass, PE, LEED AP
Principal Engineer

JLG:as

Encl.

Professional Services Estimate

Project Name: **Russell Street Water Main Relocati**

**Task 1: Water Main Relocation at the Milwaukee Trail
Pedestrian Underpass**

Project #: **16-10-20.2**

Client: **City of Missoula**

Date: **March 24, 2017**



DIRECT LABOR	Subtask 1.1		Subtask 02		TOTAL	
	FINAL DESIGN		DEQ SUBMITTAL			
	Hours	Total \$	Hours	Total \$	Hours	Total \$
Principal Engineer	22	\$3,124	4	\$568	26	\$ 3,692
Project Engineer	10	\$1,100			10	\$ 1,100
Const Project Manager	8	\$960			8	\$ 960
Staff Engineer/EI/CET	24	\$2,400	20	\$2,000	44	\$ 4,400
Engineer Technician						
Sr Hydrologist						
Sr Project Manager						
Sr Land Surveyor						
Land Surveyor						
Staff Surveyor						
Sr CADD Drafter	24	\$2,280	2	\$190	26	\$ 2,470
CADD Drafter						
2-Person Crew						
Project Assistant 2						
TOTAL LABOR	88	\$ 9,864	26	\$ 2,758	114	\$ 12,622

DIRECT EXPENSES	Subtask 1.1	Subtask 02	TOTAL
Sub-consultants	-	-	\$ -
Copies / Prints	91.00	5.00	\$ 96.00
Mileage	-	-	\$ -
Lodging / Per Diem	-	-	\$ -
Fees / Permits	-	-	\$ -
Survey Equipment	-	-	\$ -
Technology Fee	36.00	3.00	\$ 39.00
Other	-	-	\$ -
TOTAL DIRECT EXPENSES	\$ 127.00	\$ 8.00	\$ 135.00

SUMMARY	Subtask 1.1	Subtask 02	TOTAL
Hours	88.0	26.0	114.0
Labor	\$ 9,864.00	\$ 2,758.00	\$ 12,622.00
Expenses	\$ 127.00	\$ 8.00	\$ 135.00
TASK TOTAL	\$ 9,991.00	\$ 2,766.00	\$ 12,757.00

Professional Services Hours

Project Name: **Russell Street Water Main Relocation and Extension**
Task 1: Water Main Relocation at the Milwaukee Trail Pedestrian Underpass
 Project #: **16-10-20.2**
 Client: **City of Missoula**
 Date: **03/24/17**



		PRINCIPAL ENGINEER	PROJECT ENGINEER	CONST PROJ MGR	STAFF ENGINEER/EI/CET	SR HYDROLOGIST	SR CADD DRAFTER	PROJECT ASSISTANT 2	COPIES & PRINTS	MILEAGE	FEES & PERMITS	SURVEY-EQUIPMENT	TECHNOLOGY FEE	OTHER	LABOR	CONSULTANTS	EXPENSES	TOTAL
Subtask	1.1 FINAL DESIGN																	
	1.11 Complete water main relocation designs	2.0			4.0				\$ 10.00				\$ -		\$ 684.00		\$ 10.00	\$ 694.00
	1.12 Review designs with City personnel	4.0			4.0		2.0		\$ 11.00				\$ 3.00		\$ 1,158.00		\$ 14.00	\$ 1,172.00
	1.13 Prepare designs and details in MDT format	2.0	4.0		2.0		16.0		\$ 12.00				\$ 24.00		\$ 2,444.00		\$ 36.00	\$ 2,480.00
	1.14 Prepare MDT quantity schedule for water main items	2.0			2.0		4.0		\$ 13.00				\$ 6.00		\$ 864.00		\$ 19.00	\$ 883.00
	1.15 Prepare technical specifications in MDT format	2.0		8.0	4.0				\$ 14.00				\$ -		\$ 1,644.00		\$ 14.00	\$ 1,658.00
	1.16 Coordinate with the design team for MDT Russell Street – Idaho to Dakota Project to ensure accuracy of both existing and proposed conditions base maps	6.0	6.0		8.0				\$ 15.00				\$ -		\$ 2,312.00		\$ 15.00	\$ 2,327.00
	1.17 Conduct an internal review of the plans, specifications, and design report. A senior engineer other than the project manager will be assigned to conduct the review.	4.0					2.0		\$ 16.00				\$ 3.00		\$ 758.00		\$ 19.00	\$ 777.00
	SUBTOTAL	22.0	10.0	8.0	24.0		24.0		\$ 91.00	\$ -	\$ -	\$ -	\$ 36.00	\$ -	\$ 9,864.00	\$ -	\$ 127.00	\$ 9,991.00
Subtask	02 DEQ SUBMITTAL																	
	2.01 Prepare required information in Circular DEQ-1 and submit information for DEQ review and approval	2.0			12.0		2.0		\$ 5.00				\$ 3.00		\$ 1,674.00		\$ 8.00	\$ 1,682.00
	2.02 Coordinate with DEQ during review	1.0			4.0								\$ -		\$ 542.00		\$ -	\$ 542.00
	2.03 DEQ review fees will be determined at the time of submittal; fees will be paid directly by the City	1.0			4.0								\$ -		\$ 542.00		\$ -	\$ 542.00
	SUBTOTAL	4.0			20.0		2.0		\$ 5.00	\$ -	\$ -	\$ -	\$ 3.00	\$ -	\$ 2,758.00	\$ -	\$ 8.00	\$ 2,766.00
PROJECT TOTALS		26.0	10.0	8.0	44.0		26.0		96.0				39.0		\$ 12,622.00	\$ -	\$ 135.00	\$ 12,757.00

Professional Services Estimate

Project Name: **Russell Street Water Main Relocation and Extension**

Task 02: Russell Street Water Main Extension from Wyoming to Broadway

Project #: **16-10-20.2**

Client: **City of Missoula**

Date: **March 24, 2017**



DIRECT LABOR	Subtask 2.1 DESIGN DEVELOPMENT AND ALTERNATIVE ANALYSIS		Subtask 2.1 FINAL DESIGN		Subtask 3.1 DEQ SUBMITTAL		TOTAL	
	Hours	Total \$	Hours	Total \$	Hours	Total \$	Hours	Total \$
Principal Engineer	36	\$5,112	32	\$4,544	4	\$568	72	\$ 10,224
Project Engineer	30	\$3,300	44	\$4,840			74	\$ 8,140
Const Project Manager	30	\$3,600	28	\$3,360			58	\$ 6,960
Staff Engineer/EI/CET	50	\$5,000	54	\$5,400	24	\$2,400	128	\$ 12,800
Engineer Technician								
Sr Hydrologist	8	\$1,200					8	\$ 1,200
Sr Land Surveyor								
Land Surveyor								
Sr CADD Drafter	26	\$2,470	68	\$6,460	2	\$190	96	\$ 9,120
CADD Drafter								
2-Person Crew								
Project Assistant 2	4	\$340					4	\$ 340
TOTAL LABOR	184	\$ 21,022	226	\$ 24,604	30	\$ 3,158	440	\$ 48,784

DIRECT EXPENSES	Subtask 2.1	Subtask 2.1	Subtask 3.1	TOTAL
Sub-consultants	-	-	-	\$ -
Copies / Prints	20.00	130.00	-	\$ 150.00
Mileage	-	50.00	-	\$ 50.00
Lodging / Per Diem	-	-	-	\$ -
Fees / Permits	-	-	-	\$ -
Survey Equipment	-	-	-	\$ -
Technology Fee	39.00	102.00	3.00	\$ 144.00
Other	-	-	-	\$ -
TOTAL DIRECT EXPENSES	\$ 59.00	\$ 282.00	\$ 3.00	\$ 344.00

SUMMARY	Subtask 2.1	Subtask 2.1	Subtask 3.1	TOTAL
Hours	184.0	226.0	30.0	440.0
Labor	\$ 21,022.00	\$ 24,604.00	\$ 3,158.00	\$ 48,784.00
Expenses	\$ 59.00	\$ 282.00	\$ 3.00	\$ 344.00
TOTAL	\$ 21,081.00	\$ 24,886.00	\$ 3,161.00	\$ 49,128.00

Professional Services Hours

Project Name: **Russell Street Water Main Relocation and Extension**
 Task 02: **Russell Street Water Main Extension from Wyoming to Broadway**
 Project #: **16-10-20.2**
 Client: **City of Missoula**
 Date: **03/24/17**



Subtask	DESCRIPTION	PRINCIPAL ENGINEER	PROJECT ENGINEER	CONST PROJ MGR	STAFF ENGINEER/EI/CET	SR HYDROLOGIST	SR CADD DRAFTER	PROJECT ASSISTANT 2	COPIES & PRINTS	MILEAGE	FEES & PERMITS	SURVEY EQUIPMENT	TECHNOLOGY FEE	OTHER	LABOR	CONSULTANTS	EXPENSES	TOTAL
Subtask 2.1	DESIGN DEVELOPMENT AND ALTERNATIVE ANALYSIS																	
2.11	Identify design alternatives for main extension	4.0	8.0		8.0			8.0	\$ 5.00				\$ 12.00		\$ 3,008.00		\$ 17.00	\$ 3,025.00
2.12	Identify design alternatives for Clark Fork River crossing	8.0	8.0	12.0	16.0	8.0	8.0		\$ 5.00				\$ 12.00		\$ 7,016.00		\$ 17.00	\$ 7,033.00
2.13	Analyze alternatives	4.0	4.0	8.0	4.0								\$ -		\$ 2,368.00		\$ -	\$ 2,368.00
2.14	Complete schematic design for feasible alternatives	2.0	8.0		8.0			8.0					\$ 12.00		\$ 2,724.00		\$ 12.00	\$ 2,736.00
2.15	Estimate anticipated construction costs for each feasible alternative	2.0		8.0	4.0		2.0						\$ 3.00		\$ 1,834.00		\$ 3.00	\$ 1,837.00
2.16	Prepare preliminary design memo outlining alternatives	4.0	2.0		8.0								\$ -		\$ 1,928.00		\$ -	\$ 1,928.00
2.17	Consult and review alternatives with City to select preferred alternative	4.0		2.0	2.0				\$ 10.00				\$ -		\$ 1,008.00		\$ 10.00	\$ 1,018.00
2.18	QA/QC	8.0											\$ -		\$ 1,136.00		\$ -	\$ 1,136.00
	SUBTOTAL	36.0	30.0	30.0	50.0	8.0	26.0	4.0	\$ 20.00	\$ -	\$ -	\$ -	\$ 39.00	\$ -	\$ 21,022.00	\$ -	\$ 59.00	\$ 21,081.00
Subtask 2.1	FINAL DESIGN																	
2.11	Conduct final review of existing utilities, design alignment, design depth, bridge designs, and planned improvements for Russell Street to ensure there are no conflicts that cannot be resolved in the design	2.0	8.0		8.0								\$ -		\$ 1,964.00		\$ -	\$ 1,964.00
2.12	Prepare final design plan and profile sheets	4.0	8.0		16.0		40.0		\$ 50.00	\$ 20.00			\$ 60.00		\$ 6,848.00		\$ 80.00	\$ 6,928.00
2.13	Prepare final design details	4.0	4.0		8.0		8.0						\$ 12.00		\$ 2,568.00		\$ 62.00	\$ 2,630.00
2.14	Prepare final designs and specifications for the Clark Fork River crossing	2.0		8.0	4.0				\$ 50.00				\$ -		\$ 1,644.00		\$ 50.00	\$ 1,694.00
2.15	Prepare technical specifications based on City of Missoula standards and Montana Public Works Standard Specifications. Technical specification will be prepared in MDT format to be included with the Russell Street Improvement Project.	2.0		16.0	8.0								\$ -		\$ 3,004.00		\$ -	\$ 3,004.00
2.16	Coordinate final designs with MDT	2.0	8.0		2.0					\$ 20.00			\$ -		\$ 1,364.00		\$ 20.00	\$ 1,384.00
2.17	Prepare MDT quantity schedule for water related items	2.0	4.0				8.0						\$ 12.00		\$ 1,484.00		\$ 12.00	\$ 1,496.00
2.18	Prepare detailed final cost estimates (engineering, CM and construction) based on final design plans	2.0	4.0		4.0		4.0		\$ 5.00				\$ 6.00		\$ 1,504.00		\$ 11.00	\$ 1,515.00
2.19	Prepare plans for MDT submittals and reviews		8.0				8.0		\$ 10.00				\$ 12.00		\$ 1,640.00		\$ 22.00	\$ 1,662.00
2.20	Conduct final design review meeting with City personnel. Review the final plans, specifications, and design report prior to submittal to DEQ. Conduct an internal review of the plans, specifications, and design report.	4.0		4.0	4.0				\$ 10.00	\$ 10.00			\$ -		\$ 1,448.00		\$ 20.00	\$ 1,468.00
2.21	A senior engineer other than the project manager will be assigned to conduct the review.	8.0							\$ 5.00				\$ -		\$ 1,136.00		\$ 5.00	\$ 1,141.00
	SUBTOTAL	32.0	44.0	28.0	54.0		68.0		\$ 130.00	\$ 50.00	\$ -	\$ -	\$ 102.00	\$ -	\$ 24,604.00	\$ -	\$ 282.00	\$ 24,886.00
Subtask 3.1	DEQ SUBMITTAL																	
3.11	Prepare required information in Circular DEQ-1 and submit information for DEQ review and approval	2.0			16.0		2.0						\$ 3.00		\$ 2,074.00		\$ 3.00	\$ 2,077.00
3.12	Coordinate with DEQ during review	1.0			4.0								\$ -		\$ 542.00		\$ -	\$ 542.00
3.13	DEQ review fees will be determined at the time of submittal; fees will be paid directly by the City	1.0			4.0								\$ -		\$ 542.00		\$ -	\$ 542.00
	SUBTOTAL	4.0			24.0		2.0		\$ -	\$ -	\$ -	\$ -	\$ 3.00	\$ -	\$ 3,158.00	\$ -	\$ 3.00	\$ 3,161.00
PROJECT TOTALS		72.0	74.0	58.0	128.0	8.0	96.0	4.0	150.0	50.0	\$ -	\$ -	\$ 144.0	\$ -	\$ 48,784.00	\$ -	\$ 344.00	\$ 49,128.00

Professional Services Estimate

Project Name: **Russell Street Water Main
Relocation and Extension**
**Task 03: Assist City with MDT
Project Coordination**

Project #: **16-10-20.2**

Client: **City of Missoula**

Date: **March 24, 2017**



DIRECT LABOR	<u>Subtask 3.1</u>		TOTAL	
	ASSIST WITH MDT PROJECT COORDINATION			
	Hours	Total \$	Hours	Total \$
Principal Engineer	28	\$3,976	28	\$ 3,976
Project Engineer	16	\$1,760	16	\$ 1,760
Const Project Manager				
Staff Engineer/EI/CET				
Engineer Technician				
Sr Hydrologist				
Sr Land Surveyor				
Land Surveyor				
Sr CADD Drafter				
CADD Drafter				
2-Person Crew				
Project Assistant 2				
TOTAL LABOR	44	\$ 5,736	44	\$ 5,736

DIRECT EXPENSES	Subtask 3.1	TOTAL
Sub-consultants	-	\$ -
Copies / Prints	-	\$ -
Mileage	20.00	\$ 20.00
Lodging / Per Diem	-	\$ -
Fees / Permits	-	\$ -
Survey Equipment	-	\$ -
Technology Fee	-	\$ -
Other	-	\$ -
TOTAL DIRECT EXPENSES	\$ 20.00	\$ 20.00

SUMMARY	Subtask 3.1	TOTAL
Hours	44.0	44.0
Labor	\$ 5,736.00	\$ 5,736.00
Expenses	\$ 20.00	\$ 20.00
TOTAL	\$ 5,756.00	\$ 5,756.00

Professional Services Hours

Project Name: **Russell Street Water Main Relocation and Extension**
 Task 03: **Assist City with MDT Project Coordination**
 Project #: **16-10-20.2**
 Client: **City of Missoula**
 Date: **03/24/17**



Subtask	PRINCIPAL ENGINEER	PROJECT ENGINEER	CONST PROJ MGR	STAFF ENGINEER/EI/CET	SR HYDROLOGIST	SR CADD DRAFTER	PROJECT ASSISTANT 2	COPIES & PRINTS	MILEAGE	FEES & PERMITS	SURVEY-EQUIPMENT	TECHNOLOGY FEE	OTHER	LABOR	CONSULTANTS	EXPENSES	TOTAL
3.1 ASSIST WITH MDT PROJECT COORDINATION																	
3.11 Coordinate with City and MDT	8.0	8.0										\$ -		\$ 2,016.00		\$ -	\$ 2,016.00
3.12 Attend MDT meetings as necessary	8.0	8.0										\$ -		\$ 2,016.00		\$ 20.00	\$ 2,036.00
3.13 Document reviews, as requested	4.0											\$ -		\$ 568.00		\$ -	\$ 568.00
3.14 Provide general assistance to the City, as requested	8.0											\$ -		\$ 1,136.00		\$ -	\$ 1,136.00
3.15												\$ -		\$ -		\$ -	\$ -
3.16												\$ -		\$ -		\$ -	\$ -
3.17												\$ -		\$ -		\$ -	\$ -
3.18												\$ -		\$ -		\$ -	\$ -
SUBTOTAL	28.0	16.0							\$ 20.00			\$ -	\$ -	\$ 5,736.00	\$ -	\$ 20.00	\$ 5,756.00
PROJECT TOTALS	28.0	16.0							\$ 20.00	\$ -	\$ -	\$ -	\$ -	\$ 5,736.00	\$ -	\$ 20.00	\$ 5,756.00