



SRF No. 15321.PP

August 25, 2023

Jason Anderson, PE
Director of Public Works/City Engineer
City of Marshall
344 W. Main Street
Marshall, MN 56258

Subject: Amendment Number 1 Proposal for Professional Services for Water Main and Sanitary Sewer Relocation Design Associated with TH 19 reconstruction project

Dear Jason Anderson:

This Amendment Number 1 (the “Amendment”) is issued under Professional Services Agreement entered in February 8, 2022, by and between the City of Marshall and SRF Consulting Group, Inc. The original scope of work included the design of 3,600 feet of sanitary sewer replacement/relocation and 2,800 feet of water main replacement/relocation. As the project has progressed, SRF has been asked to include additional lengths of sanitary sewer and water main to the project. An additional length of approximately 1,535 feet of sanitary sewer and approximately 3,310 feet of water main have been added to the project. This additional length of pipe will require additional design time from SRF.

Additional Services

The Services to be performed by SRF under this Amendment (“Additional Services”) are set forth below and are incorporated into the Original Agreement.

- Provide design services and permitting as outlined in our original scope of work for an additional 1,535 feet of sanitary sewer (an increase of 55%).
- Provide design services and permitting as outlined in our original scope of work for an additional 3,310 feet of water main (an increase of 92%).
- Relocate the proposed location of the new water main from the north side to the south side of College Drive.

Additional Costs

The Services performed by SRF under this Amendment shall not exceed \$35,108, including the project costs, subcontractor fees, and reimbursable expenses (the “Amendment Maximum”) in accordance with the rates provided in the Fee Schedule Attached as Attachment B-1.

Notwithstanding any provision to the contrary, the total compensation payable to SRF for all services and expenses under this Agreement shall not exceed \$97,706 (the “Contract Maximum”).

www.srfconsulting.com

3701 Wayzata Boulevard, Suite 100 | Minneapolis, MN 55416-3791 | 763.475.0010

Equal Employment Opportunity / Affirmative Action Employer

Standard Terms and Conditions

The Original Agreement and any previous amendments are incorporated into this Amendment by reference. Except as amended herein, the Terms and Conditions of the Original Agreement and any previous amendments remain in full force and effect.

Acceptance/Notice to Proceed

A signed copy of this amendment proposal, mailed or emailed to our office, will serve as acceptance of this proposal and our notice to proceed. The email address is maaron@srfconsulting.com.

We appreciate your consideration of this proposal and look forward to continuing to work with you on this project. Please contact us if you have any questions or need additional information.

Sincerely,

SRF CONSULTING GROUP, INC.



Michael C. Aaron, PE (MN), LEED AP
Project Manager

MCA/MRT/as

Attachment B-1: Scope of Additional Services



Michael R. Turner, PE (MN, SD, TX)
Project Director

Approved: City of Marshall, Minnesota

(signature)

Name _____

Title _____

Date _____

This cost proposal is valid for a period of 90 days. SRF reserves the right to adjust its cost estimate after 90 days from the date of this proposal

SRF Consulting Group, Inc.

Work Tasks and Person-Hour Estimates

ATTACHMENT B-1

Client: City of Marshall

Project: TH 19 Sanitary Sewer and Water Main Relocation - Amendment 1



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TASK NO.	SUMMARY OF TASKS
1.0	Project Management
2.0	Preliminary Design (30%)
3.0	Construction Plans (60%)
4.0	Construction Plans (90%-100%)
5.0	Permitting

Project Overview:

The City of Marshall has requested engineering services for design of additional sanitary sewer and water main replacement and/or relocation in coordination with the TH 19 reconstruction project led by MnDOT. The original work generally involves pipe and appurtenances for approximately 2,800 feet of watermain and 3,600 feet of sanitary sewer along the TH 19 corridor from Fourth Street to N Bruce Street. Additional lengths of approximately 3,310 feet of watermain and 1,535 feet of sanitary sewer main have been added to the project. The additional sanitary sewer is generally located west of Fourth Street and along Bruce Street. The additional watermain is generally located between Marlene Street and Country Club Road.

SRF Consulting Group, Inc. Work Tasks and Person-Hour Estimates

Client: City of Marshall
 Project: TH 19 Sanitary Sewer and Water Main Relocation - Amendment 1



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TASK NO.	TASK DESCRIPTION	PROF. VIII-VII	PROF. VI	PROF. V	TECH III	PROF. III	PROF. II	SUPPORT	TOTALS	EST. FEE
<p>General Assumptions: City of Marshall to provide standard specifications, plates, etc. for design and construction plan guidance. All private utility coordination and GSOC data collection will be included in the MnDOT roadway scope. Hours included for additional City utility relocation are based on approximately 1,535 feet of additional sanitary sewer and approximately 3,310 feet of additional watermain. Plans include tabulations, details, and plan and profile construction information. All other related plan elements will be adopted from the MnDOT roadway plan sheets. Sanitary Sewer and Watermain design will follow Ten States Standards rules and City of Marshall Standards. Scope does not include sewer or water demand analysis or modeling and is based on replacement of like sizes with new materials. Includes special provisions for sanitary sewer and water main relocation to supplement the TH 19 project manual. Does not include (post bidding) Construction Administration. Plans to be prepared in Microstation format. Plan elements to meet City standards when possible. Duration of project expected through July of 2024. Project is bid and let with the TH 19 project.</p>										
1.0	Project Management									
<p><u>Client Deliverables:</u> Provide City staff person for regular interaction and review on design with knowledge of the area.</p>										
1.1	Project Management Team Meetings/ coordination. 1 hour virtual meetings, 1 staff, 0.5 hour prep/each.	-	-	-	-	-	-	-	0	\$0
1.2	Additional project management, coordination with design staff and billing.	14	-	-	-	-	-	-	14	\$3,038
1.3	Design coordination with City staff conducted virtually during the design process. 1 staff, 0.5 hour virtually	-	-	-	-	-	-	-	0	\$0
1.4	Additional over the shoulder QA/QC for all design work through 90%. Enhanced QA/QC performed on 100% plans.	-	-	-	-	-	-	-	14	\$2,653
1.5	Site visit.	7	7	-	-	-	-	-	0	\$0
<p><u>SRF Deliverables:</u> Meeting agendas, minutes. Invoice review, submittal.</p>										
SUBTOTAL - TASK 1		21	7	0	0	0	0	0	28	\$5,691


SRF Consulting Group, Inc. Work Tasks and Person-Hour Estimates

Client: City of Marshall
 Project: TH 19 Sanitary Sewer and Water Main Relocation - Amendment 1




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TASK NO.	TASK DESCRIPTION	PROF. VIII-VII	PROF. VI	PROF. V	TECH. III	PROF. III	PROF. II	SUPPORT	TOTALS	EST. FEE
2.0	Preliminary Design (30%) <u>Assumptions:</u> Private utility coordination and GSOC data collection will be included in the MnDOT roadway scope. Additional televising, manhole, service and pipe location and elevation information to be provided by the City of Marshall Additional geotechnical evaluation will not be necessary or will be provided by the City <u>Client Deliverables:</u> City of Marshall to provide any additional record drawings of City owned utilities required.									
2.1	Review additional as-built information. Update to CAD base files, if needed.	-	1	-	-	1	7	-	9	\$1,108
2.2	Evaluate additional existing and proposed conditions. Analyze constraints. Develop proposed water main and sanitary sewer design files. Draft plan sheets with proposed water main and sanitary sewer alignments for City review.	-	3	-	11	13	42	-	69	\$8,690
2.3	Evaluate additional service needs.	-	-	-	-	-	-	-	0	\$0
2.4	Estimate additional concept construction costs.	-	-	-	-	-	-	-	0	\$0
	<u>SRF Deliverables:</u> Provide linework for roadway team layouts/graphics.									
	SUBTOTAL - TASK 2	0	4	0	11	14	49	0	78	\$9,798
3.0	Construction Plans (60%) <u>Assumptions:</u> 60% plan submittal date to be included with roadway plans on a mutually agreed upon schedule. <u>Client Deliverables:</u> Prompt review and comments on draft submittals. Provide city project manger.									
3.1	Store additional CAD alignments for proposed sanitary sewer and watermain relocation with City concurrence, survey data and as built information.	-	-	-	3	3	27	-	33	\$3,987
3.2	After initial City staff review, prepare additional sewer and water main profiles, including length, size, material/class, elevations and slope.	-	2	-	-	5	32	-	39	\$4,703
3.3	Additional coordination with other design teams for utility related plan continuity.	-	-	-	-	5	3	-	8	\$986
3.4	Develop contract pay items, additional quantities and engineering cost estimate accordingly. Pay item update will utilize the MnDOT Trns*port list to the extent possible. Prepare Opinion of Probable Cost.	-	1	-	-	4	27	-	32	\$3,829
3.5	Evaluate additional staging / temporary service requirements and connections for intervals during construction that require service interruptions. Make recommendations for providing additional temporary water service and sanitary sewer bypass pumping during construction.	-	3	-	-	5	-	-	8	\$1,121
3.6		-	-	-	-	-	-	-	0	\$0

SRF Consulting Group, Inc. Client: City of Marshall Project: TH 19 Sanitary Sewer and Water Main Relocation - Amendment 1	Work Tasks and Person-Hour Estimates	 15321.PP
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<u>TASK NO.</u>	<u>TASK DESCRIPTION</u>	<u>PROF. VIII-VII</u>	<u>PROF. VI</u>	<u>PROF. V</u>	<u>TECH III</u>	<u>PROF. III</u>	<u>PROF. II</u>	<u>SUPPORT</u>	<u>TOTALS</u>	<u>EST. FEE</u>
	SRF Deliverables: 60% draft plans of sanitary sewer and water main with appurtenances.									
	SUBTOTAL - TASK 3	0	6	0	3	22	89	0	120	\$14,626

SRF Consulting Group, Inc. Client: City of Marshall Project: TH 19 Sanitary Sewer and Water Main Relocation - Amendment 1	Work Tasks and Person-Hour Estimates	 15321.PP
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TASK NO.	TASK DESCRIPTION	PROF. VIII-VI	PROF. VI	PROF. V	TECH III	PROF. III	PROF. II	SUPPORT	TOTALS	EST. FEE
4.0	Construction Plans (90%-100%)									
	<u>Assumptions:</u> Scope does not include any right of way or easement documentation. 90% plan submittal date to be included with roadway plans on a mutually agreed upon schedule. 100% plan submittal date to be included with roadway plans on a mutually agreed upon schedule.									
	<u>Client Deliverables:</u> Prompt review and comments on draft submittals. Prepare any right of way or easement documentation and acquisition if necessary.									
4.1	Incorporate additional City comments from the 60% submittal plan and develop 90% plan.	-	-	-	-	2	5	-	7	\$839
4.2	Finalize additional sanitary sewer and water main relocation design after receipt of City comments.	-	-	-	-	2	5	-	7	\$839
4.3	Coordination with other design teams for additional utility related plan continuity.	-	-	-	-	2	5	-	7	\$839
4.4	Compute and finalize additional contract pay item quantities. Prepare final Opinion of Probable Cost.	-	-	-	-	2	8	-	10	\$1,190
4.5	Prepare project special provisions and other information needed for project manual.	-	-	-	-	-	-	-	0	\$0
4.6	Assist bid administration staff with responding to additional questions from contractors during bidding process. Prepare language for addendums as needed.	-	-	-	-	5	-	-	5	\$635
	<u>SRF Deliverables:</u> 90% and 100% final plans and specifications for sanitary sewer and water main relocation on TH 19.									
	SUBTOTAL - TASK 4	0	0	0	0	13	23	0	36	\$4,342
5.0	Permitting									
	<u>Assumptions:</u> Permit fees are a reimbursable expense.									
	<u>Client Deliverables:</u> Permit signatures and permit fees as required.									
5.1	Minnesota Department of Health: Prepare plan review submittal form and submit plans and specs for approval.	-	-	-	-	-	1	-	1	\$117
5.2	Minnesota Department of Transportation Permit Form 2525: Prepare plan review submittal form and submit plans and specs for approval.	-	-	-	-	-	1	-	1	\$117
5.3	MPCA design certification (sanitary sewer) if required.	-	-	-	-	-	1	-	1	\$117
	<u>SRF Deliverables:</u> Prepare and submit all necessary permits for water main and sanitary sewer construction.									

SRF Consulting Group, Inc. Work Tasks and Person-Hour Estimates

Client: City of Marshall
Project: TH 19 Sanitary Sewer and Water Main Relocation - Amendment 1



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TASK NO.	TASK DESCRIPTION	PROF. VIII-VII	PROF. VI	PROF. V	TECH III	PROF. III	PROF. II	SUPPORT	TOTALS	EST. FEE
	SUBTOTAL - TASK 5	0	0	0	0	0	3	0	3	\$351

SRF Consulting Group, Inc. Work Tasks and Person-Hour Estimates

Client: City of Marshall
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TASK NO.	TASK DESCRIPTION	PROF. VIII-VII	PROF. VI	PROF. V	TECH III	PROF. III	PROF. II	SUPPORT	TOTALS	EST. FEE
TOTAL ESTIMATED PERSON-HOURS		21	17	0	14	49	164	0	265	
AVERAGE HOURLY BILLING RATE		\$217.00	\$162.00	\$179.00	\$149.00	\$127.00	\$117.00	\$119.00		
ESTIMATED LABOR AND OVERHEAD		\$4,557.00	\$2,754.00	\$0.00	\$2,086.00	\$6,223.00	\$19,188.00	\$0.00		\$34,808
SRF ESTIMATED DIRECT NON-SALARY EXPENSES										\$300
									SUBTOTAL: (SRF Labor and Expenses)	\$35,108
TOTAL ESTIMATED FEE										\$35,108

SRF ESTIMATE OF DIRECT NON-SALARY EXPENSES:

MILEAGE:	Personal Vehicles	0	Miles @	\$0.585 (165 miles one-way)	\$0
SUPPLIES:					\$200
COMMUNICATIONS:	Mail, Express, Etc.				\$100
	MN Department of Health Plan Review Fee				\$0
	MPCA Sanitary Sewer Extension Permit Application Fee				\$0
	SRF EXPENSES:				\$300

SUMMARY OF COSTS:

	PROF. VIII-VII	PROF. VI	PROF. V	TECH III	PROF. III	PROF. II	SUPPORT	TOTALS
1 Project Management	\$ 4,557	\$ 1,134	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,691
2 Preliminary Design (30%)	\$ -	\$ 648	\$ -	\$ 1,639	\$ 1,778	\$ 5,733	\$ -	\$ 9,798
3 Construction Plans (60%)	\$ -	\$ 972	\$ -	\$ 447	\$ 2,794	\$ 10,413	\$ -	\$ 14,626
4 Construction Plans (90%-100%)	\$ -	\$ -	\$ -	\$ -	\$ 1,651	\$ 2,691	\$ -	\$ 4,342
5 Permitting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 351	\$ -	\$ 351
TOTALS	\$ 4,557	\$ 2,754	\$ -	\$ 2,086	\$ 6,223	\$ 19,188	\$ -	\$ 34,808

SUMMARY OF HOURS:

	PROF. VIII-VII	PROF. VI	PROF. V	TECH III	PROF. III	PROF. II	SUPPORT	TOTALS
1 Project Management	21	7	-	-	-	-	-	28
2 Preliminary Design (30%)	-	4	-	11	14	49	-	78
3 Construction Plans (60%)	-	6	-	3	22	89	-	120
4 Construction Plans (90%-100%)	-	-	-	-	13	23	-	36
5 Permitting	-	-	-	-	-	3	-	3
TOTALS	21	17	0	14	49	164	0	265