

February 1, 2017

SRF No. 9114

Ms. Cindy Voigt
City Engineer
CITY OF DULUTH
211 City Hall
411 W. 1st Street
Duluth, MN 55802

SUBJECT: KENWOOD ARROWHEAD SIGNAL AND ROADWAY IMPROVEMENTS
PROPOSED AMENDMENT #3
CONSTRUCTION ADMINISTRATION TASKS

Dear Ms. Voigt:

Based on your request, this letter outlines a proposed amendment to the Professional Engineering Services Agreement for *Arrowhead, Kenwood & W Cleveland Street and Signal Improvements*, dated February 19, 2016. This amendment covers the addition of various scope items described in detail below.

SCOPE OF SERVICES

The following additions to the original scope of services are proposed:

1. **Custom signal foundation design.** During construction it was determined that the signal pole foundation in the northwest corner of Kenwood/Arrowhead could not cost-efficiently be constructed per plan due to bedrock that was discovered approximately six feet below grade. SRF will prepare and deliver a custom foundation design of a pole foundation to be anchored to the bedrock to provide the necessary support.
2. **Fiber optic testing review.** This task covers review of fiber optic test results performed by the contractor. SRF will review the documentation provided by the contractor and request supplemental information as required by the project special provisions. When all required information has been provided, SRF will review the test results and check them against the requirements in the project special provisions.

SCHEDULE

We will complete this work upon a mutually agreeable schedule. We estimate a timeline of approximately two weeks to complete fiber optic test result review from receipt of all contractor documentation.

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One Carlson Parkway North, Suite 150 | Minneapolis, MN 55447-4443 | 763.475.0010 Fax: 763.475.2429

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BASIS OF PAYMENT/BUDGET

We propose to complete the additional work for an estimated fee of **\$4,500.00**, billed in accordance with our current contract provisions. This fee would increase the current contract budget as follows:

Base contract (February 19, 2016).....	\$118,217.00
Amendment #1: Additional Roadway Design and Related Tasks (March 14, 2016)	\$37,066.00
Amendment #2: Various Additional Scope Items (July 11, 2016)	\$57,875.00
Current Budget	\$213,158.00
Proposed Amendment #3: Construction Administration Tasks.....	\$4,500.00
Proposed Budget	\$217,658.00

ACCEPTANCE/NOTICE TO PROCEED

A signed copy of this proposal, mailed or emailed to our office, will serve as acceptance of this proposal and our notice to proceed with work under the amended scope. The email address is nerpelding@srfconsulting.com.

Sincerely,

SRF CONSULTING GROUP, INC.



Nicholas J. Erpelding, P.E., PTOE
Senior Associate



Brian Johnson, P.E.
Project Advisor / Principal

NJE/BJ/nje

Attachments:

Attachment A – Cost Proposal

APPROVED:

(signature)

Name _____

Title _____

Date _____



ENGINEERS
PLANNERS
DESIGNERS



Project Name **Arrowhead/Kenwood Signal and Roadway Improvements**

Amendment #3

Client **City of Duluth**

SRF Project Number **9114**

City Project No. **1468**

Date **2/1/2017**

Attachment A
COST PROPOSAL

Work Plan Task	Description	Project Advisor	Project Manager	Structral Engineer	ITS Engineer											Total Labor Hours / Costs (hours / \$)
		Brian	Nick	John	Jake											
		Johnson	Erpelding	Thiesse	Folkerings											
		\$ 191	\$ 146	\$ 165	\$ 130											
1	Custom signal foundation design	1	4	10	-											\$ 2,425
	Internal and external coordination	1	4	-												
	Foundation structural design and plan prep			10												
2	Fiber optic testing review	1	4	-	10											\$ 2,075
	Internal and external coordination	1	4													
	Review of test results and documentation				10											
SUBTOTAL		2	8	10	10											\$ 4,500
DIRECT COSTS																
Description	Cost															
Travel (mileage at \$0.565/mile)	\$ -															
Mail / Delivery	\$ -															
Supplies/ Printing at Cost	\$ -															
Survey Equipment	\$ -															
Meals (@ \$10/meal)	\$ -															
Hotel (@ \$100/night)	\$ -															
Total Direct Costs	\$ -															