

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.

[www.srfconsulting.com](http://www.srfconsulting.com)

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
<b>Current Budget</b> .....	<b>\$213,158.00</b>
Proposed Amendment #3: Construction Administration Tasks.....	\$4,500.00
<b>Proposed Budget</b> .....	<b>\$217,658.00</b>

**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](mailto: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 \_\_\_\_\_



**Attachment A**  
**COST PROPOSAL**

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**

Work Plan Task	Description	Project Advisor	Project Manager	Structural Engineer	ITS Engineer											Total Labor Hours / Costs (hours / \$)
		Brán Johnson	Nick Erpelding	John Thiesse	Jakę Folkenings											
		\$ 191	\$ 146	\$ 165	\$ 130											
1	Custom signal foundation design Internal and external coordination Foundation structural design and plan prep	1 1	4 4	10 - 10	-											\$ 2,425
2	Fiber optic testing review Internal and external coordination Review of test results and documentation	1 1	4 4	- 10	10											\$ 2,075
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		\$ -														
															SUMMARY	
															Labor Cost \$ 4,500	
															Direct Costs \$ -	
															Grand Total Est Costs \$ 4,500	