



November 23, 2022

Bryce LeBrun Project Manager Dakota County Transportation 14955 Galaxy Avenue Apple Valley, MN 55124

Subject: Amendment Number 1 Proposal for Professional Services for North Creek Greenway

from 173rd Street in Lakeville to 189th Street in Farmington, Minnesota

Dear Bryce LeBrun:

This Amendment Number 1 (the "Amendment") is issued under the Professional Services Agreement entered in November 23, 2021 by and between Dakota County and SRF Consulting Group, Inc.

Additional Services

The Services to be performed by SRF under this Amendment ("Additional Services") are set forth in Attachment B-1, attached hereto and incorporated into the Original Agreement.

Additional Costs

The Services performed by SRF under this Amendment shall not exceed \$515,619.36 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 \$775,969.61 (the "Contract Maximum").

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 proposal, mailed or emailed to our office, will serve as acceptance of this proposal and our notice to proceed. The email address is cblack@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.

Casey Black, PE

Senior Project Manager

CB/MC/aj

Matthew Cramer, PE

Project Director - Structures

Attachments:

• Attachment B-1, Additional Services

Approved: Dakota County Transportation

(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

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SRF Consulting Group, Inc.

Client: Dakota County

Project: North Creek Greenway from 173rd. Street to 189th Street

Work Tasks and Person-Hour Estimates
Attachment B-1, Additional Services



Subconsultants: Braun Intertec & KES

TASK NO.	SUMMARY OF TASKS
1.0	Project Management
2.0	Public Involvement
3.0	Agency Coordination
4.0	Survey Data
5.0	Environmental Documentation
6.0	Utility Identification and Coordination
7.0	Stormwater Management and Hydraulics Evaluation
8.0	Geotechnical Evaluation and Design Elements
9.0	Right-of-Way Review
10.0	Final Design
11.0	Permits and Approvals
12.0	Construction Administration (Full Federal Aid)
13.0	Bid Administration

Project Overview:

Dakota County, in coordination with the Cities of Lakeville and Farmington, is issuing this Request for Proposals (RFP) to consultants interested in providing final engineering design and related services for the North Creek Greenway multiuse paved trail segment from 173rd Street in Lakeville to 189th Street in Farmington (approximately 2.25 miles). The consultant contract will address the project's final design details, including two planned bridges and one planned box culvert at water features and wetlands. The final design plans will also address trail amenities, nodes, landscaping, and other special features consistent with regional greenway design guidance. The County is separately seeking a STIP amendment and award year extension.

Amendment 01: Extends design contract time to March 2023. Addresses supplemental scope requested or authorized by Dakota County after the start of the original contract. Approves the addition of a new sub-consultant (KES) for supplemental wetland work. Includes full bid administration and Construction administration by SRF, with construction materials testing program to be administered by sub-consultant (Braun).

Schedule:

11/09/21 Notice to Proceed

12/15/21 Environmental Document

02/04/22 60% PS&E

Nov. 2022 90% PS&E (to State Aid)

Mar. 2023 Final PS&E for Federal Authorization

Apr. 2023 - Dec. 2024 Construction & Full Construction Administration

Funding:

\$480,000 (currently) federal grant (Regional Solicitation)

\$2.3 million total STIP (current), 2023 Const. Estimate is approx. \$3.6 million.

SRF Consulting Group, Inc.

Work Tasks and Person-Hour Estimates

0

0

Client: Dakota County

Project: North Creek Greenway from 173rd. Street to 189th Street

SUBTOTAL - TASK 6



13833 Subconsultants: Braun Intertec & KES TASK NO. PROF. VI PROF. IV PROF. VIII-VII TASK DESCRIPTION PROF. V PROF. III PROF. II PROF. I **SUPPORT** TOTALS TECH. EST. FEE **Project Management** 1.0 Additional meetings for Contract time extension from 7 mo. (Nov. 2021-May 60 60 \$10,605.71 1.1 2022) to 17 mo. (Nov. 2021-Mar. 23). Additional project management duties for Contract time extension from 7 mo. 53 53 1.2 \$9,385.71 (Nov. 2021-May 2022) to 17 mo. (Nov. 2021-Mar. 23). 1.3 Additional project management duties for coordination for additional sub-11 11 \$1,936.14 consultant (KES). SUBTOTAL - TASK 1 0 123 0 0 0 0 0 0 0 123 \$21,927.56 Public Involvement 0 0 0 0 0 0 SUBTOTAL - TASK 2 0 0 0 \$0.00 **Agency Coordination** 3.0 3.1 Additional State Aid Coordination for STIP Modification and Program Year \$0.00 extension in addition to progress updates for prolonged design schedule due to additional environmental field work requirement. - NOTE: Hrs. included in mtgs. In Task 1 0 0 0 0 0 SUBTOTAL - TASK 3 0 0 0 0 0 \$0.00 Survey Data 4.0 0 0 0 0 0 SUBTOTAL - TASK 4 0 0 0 0 0 \$0.00 5.0 **Environmental Documentation** SUBTOTAL - TASK 5 0 0 0 0 0 0 0 0 57 57 \$6,853.31 6.0 **Utility Identification and Coordination**

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\$0.00

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SRF Consulting Group, Inc.

Client: Dakota County
Project: North Creek Greenway from 173rd. Street to 189th Street

Subconsultants: Braun Interfec & KES

Subconsultant	s: Braun Intertec & KES											13833
TASK NO. 7.0	TASK DESCRIPTION Stormwater Management and Hydraulics Evaluation	PROF. VIII-VII	PROF. VI	PROF. V	PROF. IV	PROF. III	<u>PROF. II</u>	PROF. I	TECH.	SUPPORT	TOTALS	EST. FEE
7.1	Scope Assumption: "XP-SWMM model is available and adequately detailed for floodplain analysis and local conveyance culvert design."	-	-	-	29	-	-	-	-	-	29	\$4,060.72
	Added Scope: XPSWMM model was fine for floodplain analysis, but didn't have enough detail to work on the local conveyance culverts. SRF coordinated separately with Farmington to review/incorporate the City's floodplain study into XP-SWMM modeling efforts.											
7.2	Additional permit coordination with DNR pre-application to discuss XP-SWMM vs. HEC-RAS modeling efforts and project coordination related to possible modeling impacts for SP 019-090-023 due to Lakeville's 179th Bridge preliminary design project with modeling downstream of Bridge R0911 by others.	-	-	-	12	-	-	-	-	-	12	\$1,733.48
7.3	Scope Assumption: "ditch design, review of trail grades, and up to 5 culverts." 30% Design Study is basis of final design and no significant alignment/profile changes are needed.	-	-	-	59	-	-	-	-	-	59	\$8,377.53
	Added Scope: SRF reviewed the trail grades and ditching needs with most/all of the alignment and profile revisions requested by staff. Final project has 11 culverts/crossings with the updated alignment, above the original assumption.											
7.4	Additional work required for DNR coordination and parallel HEC-RAS modeling for DNR permit and FEMA no-rise certificate. DNR provided HEC-RAS model. City XP-SWMM could not be used for this effort.	-	-	-	54	-	-	-	-	-	54	\$7,599.50
	SUBTOTAL - TASK 7	0	0	0	153	0	0	0	0	0	153	\$21,771.23
8.0	Geotechnical Evaluation and Design Elements SUBTOTAL - TASK 8	0	0	0	0	0	0	0	0	0	0	\$0.00

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SRF Consulting Group, Inc. Work Tasks and Person-Hour Estimates Dakota County Client: North Creek Greenway from 173rd. Street to 189th Street Project: Subconsultants: Braun Intertec & KES TASK NO. TASK DESCRIPTION PROF. VIII-VII PROF. VI PROF. V PROF. IV PROF. III PROF. II PROF. I <u>SUPPORT</u> TOTALS EST. FEE TECH. 9.0 Right-of-Way Review Assumptions: - County requested Right-of-Way support in late summer 2022. County would complete tasks through appraisals. SRF scope includes offers, letters, negotitations, documentation, ROW Certification and MnDOT Audit to close ROW project needs. County will file and record acquisitions. (A separate scope is attached). Includes: - TE on 6 parcels (County acquisitions) - Record of Conservation Easement land swap - Inclusion of Outlot secured by City of Lakeville for easement to be conveyed to the County for use of the - Assumes 6 temprary easement only parcels and 1 permenant and temporary easement One mortgage cosent or subordination may be needed (fees not included in this proposal) County will record executed documents Client Deliverables: - County will provide Appraisals, Review Appraisals, and Titles Negotiation and Direct Purchase Activites 115 \$16,326.00

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115

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0

\$16,326.00

115

0

SUBTOTAL - TASK 9

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PROF. V

PROF. IV

536

PROF. III

PROF. II

PROF. I

TECH.

SUPPORT

PROF. VI

SRF Consulting Group, Inc. Work Tasks and Person-Hour Estimates **Dakota County** Client: North Creek Greenway from 173rd. Street to 189th Street Project: Subconsultants: Braun Intertec & KES TASK NO. TASK DESCRIPTION PROF. VIII-VII 10.0 Final Design 10.1 Greenway & Civil Design Scope Assumption: 30% Design Study by others is basis of design and no significant profile or alignment modifications are to be incorporated due to potential risk to Fed. Authorization required in June 2022 at start of consultant contract. Request: With the Program Year extention to 2023, opportunities were available to improve/incorporate modifications to the 30% Design Study geometrics as design progressed. These were incorporated into the design at the request of the County between preliminary (early 2022) and 60% design (summer 2022). Modified alignment and profile from Jim Bell Park to 189th Street to maintain at-10.1.1 grade crossing at 189th. Future condition with the planned extension of 189th and continuation of the greeway along north creek indicates this will be returned to the City as a local trail connection with a-grade crossing. 10.1.2 Minor 189th improvements were incorporated for continued maintenance/snow removal. Includes extension of bituminous roadway, and watermain extension to improve conditions for the trail's at-grade crossing. 10.1.3 Modified alignment and profile from Park to 189th Street to Bridge R0912 to improve ADA compliance, local trail connection and set up future North Creek Greenway to turn east and follow North Creek when 189th Street is extended. 10.1.4 Modified alignment and profile at Bridge R0912 to shift the bridge away from the ROW line and Xcel easement. Xcel noted a 20' clearance for equipment (cranes) must be maintained from the existing transmission lines. Bridge shift allows the contractor to use cranes to drive pile, move forms, place concrete and set the truss. 10.1.5 Modified alignment and profile near the following locations to eliminate ALL design exceptions and allow a 20 MPH trail facility. - STA. 111+00 - STA. 115+00 - STA. 118+50 (realignment increases residential buffer and supports construction access) - STA. 122+50 (realignment increases residential buffer and supports - various other locations along corridor 30% Design Study recommended no reconstruction of trail east of Distad Park in Farmington. SRF prepared Alternate 1 as a cost estimate which considered full reconstruction of this section. Full reconstruction was adopted into the design in spring 2022. 10.1.7 Concepts were prepared for future fish barrier maintenance access south of 173rd Street. The maintenance access was adopted into the plans in spring 2022 for future fish barrier installation and maintenance. 30% Design Study recommended an at-grade crossing with RRFB at 173rd St. 10.1.8

> SRF prepared concepts for minor roadway reconstruction to consider a median refuge and curb bump-ins for improved pedestrain safety. Curb bump-ins were

incorporated into the design in spring 2022.

536

EST. FEE

\$76,148.51

TOTALS

13833_Scope & Fee_Amend01_Master.xlsx SRF CONSULTING GROUP, INC. MINNEAPOLIS. MN

SRF Cons	sulting Group, Inc.	Work Tasks and Person-Hour Estimates										
Client: Project:	Dakota County North Creek Greenway from 173rd. Street to 189th Street										SR	F
Subconsultants	s: Braun Intertec & KES											13833
TASK NO. 10.1.9 10.1.10	TASK DESCRIPTION Additional earthwork modeling and calculations for compensatory storage needs were conducted as alignment and profile modifications were adopted into the project. Re-stationing project from north to south (30% Design Study) to south-to-north as is standard for construction projects. Work was performed at the outset of design at the request of County Construction staff.		PROF. VI	PROF. V	PROF. IV	PROF. III	PROF. II	PROF. I	TECH.	<u>SUPPORT</u>	TOTALS	EST. FEE
10.2 10.2.1	Greenway Amenities & Nodes Additional coordination meeting with County Natural Resources in May 2022. Resulted in plan, pay item and quantity updates to 60% plans.	-	4	-	-	-	-	-	-	-	4	\$625.75
10.3 10.3.1	Bridge A - Northern Crossing Design Modified 30% Design by others for Bridge R0911 profile modification after Bridge State Aid Mtg. to satisfy freeboard clearance requirements above design highwater.	-	-	-	-	12	-	-	-	-	12	\$1,500.00
10.4 10.4.1	Bridge B - Southern Crossing Design Modified 30% Design by others for Bridge R0912 profile modification after Bridge State Aid Mtg. to satisfy freeboard clearance requirements above design high- water.	-	-	-	-	12	-	-	-	-	12	\$1,500.00
	SUBTOTAL - TASK 10	0	4	0	536	24	0	0	0	0	563	\$79,774.26
11.0	Permits and Approvals SUBTOTAL - TASK 11	0	0	0	0	0	0	O	0	0	0	\$0.00

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PROF. V

PROF. IV

PROF. III

PROF. II

PROF. I

TECH.

SRF Consulting Group, Inc.

Work Tasks and Person-Hour Estimates

PROF. VI

PROF. VIII-VII

Client: Dakota County

Project: North Creek Greenway from 173rd. Street to 189th Street

SRF

EST. FEE

TOTALS

<u>SUPPORT</u>

Subconsultants: Braun Intertec & KES

TASK NO.

12.0 Construction Administration (Full Federal Aid)

Assumptions:

TASK DESCRIPTION

- Original Contract includes:

Task 12 (Now 13) will be reserved by the consultant engineer by budgeting an additional \$10,000 and representative hours for construction coordination activities, approval of shop drawings, preparation of change orders, supplemental instructions, and review of reports if such work is authorized by Dakota County. Dakota County and the Cities will assist as reasonable to help manage within the fixed budget if authorized.

- <u>Original Contract Assumed:</u>

This contract will not include construction engineering services unless authorized through an amendment.

- Ammended Contract Will Include:

Full consultant construction administration.

- Construction begins June 2023. Substantial completion by Oct 2023. Final Completion by August 2024.

- Construction Inspection to be provided on a full-time basis during active construction. It is anticipated to require 45 hours per week for 22 weeks.
- Construction Administration to require 12 hours per week during active construction for 22 weeks.
- Assumes bituminous and concrete plant inspections are by MnDOT.
- Assumes bituminous verifications samples, and misc materials samples to be tested by MnDOT. Concrete, soils and aggregates to be tested by Braun Intertec.
- See Braun Intertec's cost proposal for additional information on mateirals testing. SRF coordination of testing with Braun and MnDOT included in contract administration and construction observation tasks.

<u>Client Deliverables:</u>

- n/a

SRF Consulting Group, Inc.

Work Tasks and Person-Hour Estimates

Dakota County Client:

11/23/2022

North Creek Greenway from 173rd. Street to 189th Street Project:



1,030 \$120,510.00

Subconsultant	s: Braun Intertec & KES											13833
TASK NO.	TASK DESCRIPTION	PROF. VIII-VII	PROF. VI	<u>PROF. V</u>	<u>PROF. IV</u>	PROF. III	<u>PROF. II</u>	<u>PROF. I</u>	TECH.	<u>SUPPORT</u>	TOTALS	EST. FEE
12.1	Construction Administration	8	-	-	284	-	-	-	-	-	292	\$42,192.00

TASK NO.	TASK DESCRIPTION	PROF. VIII-VII	PROF. VI	PROF. V	PROF. IV	PROF. III	PROF. II	PROF. I	TECH.	<u>S</u>
12.1	Construction Administration	8	-		- 284	-	-	-	-	
12.1.1	Regular communication with County Staff and other Stakeholders throughout the project.									
12.1.2	Ensure required submittals are distributed and reviewed within required time allowed. Including contractor compliance with wage and labor provisions.									
12.1.3	Attend preconstruction conference									
12.1.4	Perform weekly on-site review of project's work and status report to the County									
12.1.5	Coordinate and lead weekly progress meetings									
12.1.6	Prepare periodic pay request forms									
12.1.7	Prepare Change Orders and other written directives, if required. Complete price negotiations with construction contractor, and obtain MnDOT State Aid funding approval.									
12.1.8	Complete engineering field revisions as necessary to construct the project.									
12.1.9	Prepare letter of final review and acceptance.									
12.1.10	Approve shop drawings, material list reports, and all other information on material to be used for construction in accordance with the plans and specifications.									
12.1.11	Coordinate and anticipate utility conflicts, relocations, and adjustments and provide recommendation to the County.									
12.1.12	Communicate with adjacent property owners as needed during construction.									
12.2	Construction Observation	-	_			-	-	-	1,030	
12.2.1	Perform observation and keep daily records of the construction activities of the Contractor and utility companies.									
12.2.2	Keep record of the quantities of each of the pay items used in the work.									
	Periodically review the Contractor's progress.									
12.2.3	Perform field measurements for use in the measurement of quantities and									
	preparation of record plans.									
12.2.4	Arrange for construction staking as required by the Contractor's progress.									
12.2.5	Upon substantial completion, prepare the "punch list."									
12.2.6	Perform and coordinate testing of materials in accordance with the MnDOT State									
4007	Aid materials control schedule.									
12.2.7	Coordinate and review the testing of materials.									
12.2.8	Prepare the final inspection letter									
12.2.9	Conduct Warranty inspection.									
12.2.10	Provide pre-project documentation in digital, date stamped, and cataloged									
12.2.11	format showing detailed conditions of the existing corridor. Provide construction photo documentation in digital, date stamped, and									
12.2.11	cataloged format showing detailed conditions of the construction progress.									
12.2.12	Assist contractor with coordination of private utility relocations, as needed.									
12.2.13	Review and enforce daily traffic control inspection reports/devices for conformance with the MnMUTCD.									
12.2.14	Review erosion control devices and contractor erosion control inspection reports									
	for conformance with the contract documents and MPCA.									
40045	Devices a smaller as with ADA and DDOWAG as a viscous attack device of									

applicable facilities.

12.2.15 Review compliance with ADA and PROWAG requirements during construction of

SRF Cons	sulting Group, Inc.	Work Tasks and Person-Hour Estimates										
Client:	Dakota County											
Project:	North Creek Greenway from 173rd. Street to 189th Street										LSR	F
Subconsultant	s: Braun Intertec & KES											13833
TASK NO.	TASK DESCRIPTION	PROF. VIII-VII	PROF. VI	PROF. V	PROF. IV	PROF. III	PROF. II	PROF. I	TECH.	<u>SUPPORT</u>	TOTALS	EST. FEE
12.3	Construction Staking	8			60				950		1,018	\$121,534.00
12.3.1	Survey Control										,	,
12.3.2	Clear and grub											
12.3.3	Sawcuts											
12.3.4	Construction limits for silt fence											
12.3.5	Storm sewer pipe and structures											
12.3.6	Curb and gutter											
12.3.7	Grading states											
12.3.8	Blue Top aggregate base											
12.3.9	Bridge working points and elevation reference stakes											
12.3.10	Collect As-built data											
12.4	Final Inspection, Review and File Transfer	-	-	-	20	-	-	-	40	-	60	\$7,520.00
12.4.1	Conduct final review of the project.											
12.4.2	Prepare final letter of acceptability.											
12.4.3	Finalize documentation according to MnDOT State Aid rules.											
12.4.4	Electronic documentation access will be available through ProjectWise throughout project, if desired. Transfer final documentation via Client approved format, if alternate method desired.											
12.5	<u>As-builts</u>	-	-	-	8	-	-	-	40	-	48	\$5,816.00
12.5.1	Obtain record information from field representatives											
12.5.2	Prepare record drawings											
12.5.3	Submit copies of record drawings to the County via Client approved format											
	SUBTOTAL - TASK 12	16	0	0	372	0	0	0	2,060	0	2,448	\$297,572.00

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SRF Consulting Group, Inc. Work Tasks and Person-Hour Estimates Client: Dakota County North Creek Greenway from 173rd. Street to 189th Street Project: Subconsultants: Braun Intertec & KES 13833 TASK DESCRIPTION PROF. VIII-VII PROF. VI PROF. V PROF. IV PROF. III PROF. II PROF. I TASK NO. TECH. <u>SUPPORT</u> TOTALS EST. FEE 13.0 **Bid Administration** Assumptions: - <u>Ammended Contract Includes:</u> Full Bid Administration by consultant Client Deliverables: - n/a Support during project bidding 6 13.1 20 \$3,070.00 - Assume up to 1 addendum to be prepared and issued 13.2 Coordinate bid publication 12 \$2,168.00 - Assumes QuestCDN Participate in pre-bid meeting, respond to requests for information from 8 \$1,666.00 13.3 10 prospective contractors 8 8 20 \$3,396.00 13.4 Lead bid opening and tabulate bids 12 \$2,168.00 8 4 13.5 Make award recommendation 16 8 MnDOT State Aid Coordination 13.6 \$2,676.00 SRF Deliverables: - Bid Administration Services

24

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44

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\$15,144.00

6

SUBTOTAL - TASK 13

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SRF Consulting Group, Inc.

Work Tasks and Person-Hour Estimates

Client: Dakota County

Project: North Creek Greenway from 173rd. Street to 189th Street

Subconsultants: Braun Intertec & KES

TASK NO.

LSRF 1383

TASK DESCRIPTION	PROF. VIII-VII	PROF. VI	<u>PROF. V</u>	PROF. IV	PROF. III	PROF. II	<u>PROF. I</u>	TECH.	<u>SUPPORT</u>	TOTALS	EST. FEE	
TOTAL ESTIMATED PERSON-HOURS	16	171	24	1,183	34	0	0	2,060	63	3,550		
									*			
AVERAGE HOURLY BILLING RATE	\$233.00	\$178.00	\$186.00	\$142.00	\$127.00	\$118.00	\$113.00	\$117.00	\$121.00			
ESTIMATED LABOR AND OVERHEAD	\$3,728.00	\$30,385.31	\$4,464.00	\$167,921.74	\$4,270.00	\$0.00	\$0.00	\$241,020.00	\$7,579.31		\$459,368.36	

SRF ESTIMATED DIRECT NON-SALARY EXPENSES

SUBTOTAL: (SRF Labor and Expenses) \$468,143.36

SUBCONSULTANTS: \$47,476.00

\$8,775.00

TOTAL ESTIMATED FEE (SRF and Subconsultants combined) \$515,619.36

SRF ESTIMATE OF DIRECT NON-SALARY EXPENSES:

\$8,775.00 MILEAGE: 15000 \$0.585 Personal Vehicles Miles @ MEALS: Meals @ \$11.00 \$0.00 LODGING: 0 \$100.00 \$0.00 Nights @ Hotel REPRODUCTION: **Copy Duplication** 0 Copies @ \$0.10 \$0.00 Color Copies 0 Copies @ \$0.35 \$0.00 **Bond Prints** Prints @ \$6.00 \$0.00 0 Mylar Prints \$12.00 \$0.00 Prints @ COURTHOUSE COPIES: Copies @ \$1.00 \$0.00 PRINTING: \$0.00 SUPPLIES: \$0.00 COMMUNICATIONS: Mail, Express, Etc. \$0.00 Cell Phone Charges \$0.30 \$0.00 Minutes @

SUBCONSULTANTS:

Kjolhaug Environmental Services Co., Inc (KES)

- Supplemental Wetland Services

Braun Intertec

- Construction Materials Testing

SRF EXPENSES: \$8,775.00

\$7,084.00

\$40,392.00

SUBCONSULTANTS: \$47,476.00