

VIA FACSIMILE & U.S. MAIL

September 28, 2006

Mr. John G. Newsome, P.E.
City of Columbus
Division of Sewerage and Drainage
Sewer System Engineering Section
1250 Fairwood Avenue
Columbus, Ohio 43206

Re: Bill Moose Area Sanitary Sewer Improvements – CIP 650672
Columbus, Ohio (Project No. 1731)

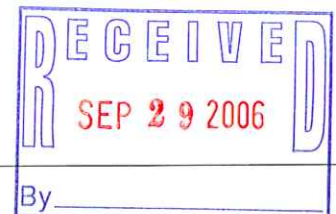
Dear John,

As we previously discussed, we and our sub-consultant Ribway Engineering Group (REG) have encountered additional services that are beyond the original scope of services for the above-referenced project.

In order to expedite the time to prepare the construction plans, both REG and us have decided to perform these additional services and then submit a request for additional fees associated with these services.

We have evaluated the original scope of services, and the attached REG letter of contract modification request, our billing reports and the amount of hours spent on the project. As a result, we determined the following:

- REG has prepared a detailed construction plan that has approximately 25% of the total project being repaired using open-cut sewer replacement. The RFP stated that we should assume 75% rehabilitation with an undetermined amount of open-cut sewer replacement on the project; however, as requested by Ms. Miriam Siegfried, we assumed in our proposal that about 10% of the sewer rehabilitation would be open-cut replacement. The additional open-cut replacement has increased the complexity and coordination of the project.
- In association with the open-cut sewer replacement and point-repair sewer required for the project, a topographic survey for a total area of about 224,000 square feet that exceeded the allowance anticipated topographic survey area of 177,500 square feet.



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- We prepared one additional easement and a description and exhibit for one right-of-way drop for the Ohio School of the Blind. These descriptions and exhibits required extensive coordination with the Franklin County Engineer, The State of Ohio, and the City of Columbus Real Estate Division.
- We have also coordinated with the City and REG the preparation of the additional work for the sewer replacement.

The attached contract modification request prepared by Ribway Engineering Group shows the description of the additional services provided by REG and associated cost breakdown.

We are transmitting the attached Table 1 and Exhibit C that contains an estimate of manhours and fees associated with the additional services as described earlier. We request that our contract's maximum fee be modified to include the above additional services and REG additional services as follows:

Ribway Engineering Group	\$ 20,191.25
Pomeroy & Associates, Ltd	\$ 6,019.60
<u>Total</u>	<u>\$ 26,210.85</u>

Please note that there is a total of about \$13,900 available in allowances funds and \$8,300 remaining in contingency funds, as shown on the attached spreadsheet. These remaining funds could be utilized to cover a part of the requested additional fee.

If you have any questions or comments, please call me at (614) 885-2498. We welcome the opportunity to meet with to discuss this matter in person.

Yours truly,
POMEROY & ASSOCIATES, LTD.



Nabeel S EImaasarani, P.E.
Principal

Enclosures

cc: Mr. Herbert M. Johanson, P.E.
Mr. Andrew Eribo, P.E., REG

EXHIBIT C
ADDITIONAL COST SUMMARY
Request For Contract Modification

1.	CITY: Dept. of Public Utilities	2. CIP NO.:	650672	3. VERSION:	9/28/2006
4.	NAME OF CONSULTANT: Pomeroy & Associates, Ltd.	5. PROJECT TITLE: Bill Moose Run Sewer Improvements			
6.	ADDRESS: 599 Scherers Court Worthington, Ohio 43085	7. TYPE OF CONTRACT: Cost Plus Fixed Fee			
8.	DIRECT LABOR (Specify labor categories):	EST.HRS.	HOURLY RATE	EST.COST	TOTALS
	Survey Crew	8	55.00	440	
	Registered Surveyor	20	28.00	560	
	Project Manager	20	45.00	900	
	Project Engineer	6	28.00	168	
	Engineering Technician	8	23.00	184	
	CAD Operator		\$ 20.00	-	
	DIRECT LABOR TOTAL:	62			\$ 2,252.00
9.	INDIRECT COSTS	RATE	X BASE =	EST.COST	
	PAYROLL	43.0%	\$ 2,252.00	968	
	ADMINISTRATIVE	100%	\$ 2,252.00	2,252	
	INDIRECT COSTS TOTAL:				\$ 3,220.36
10.	OTHER DIRECT COSTS			EST.COST	
	b. EQUIPMENT, MATERIALS, SUPPLIES	QTY.	COST		
	Prints				
				-	
	SUBTOTAL:			-	
	c. SUBCONTRACTS			EST.COST	
	Ribway Engineering Group			\$ 20,191.25	
	SUBCONTRACTS SUBTOTAL:			\$ 20,191.25	
	d. OTHER (Specify categories)			EST.COST	
	OTHER SUBTOTAL:			\$ -	
	e. OTHER DIRECT COSTS TOTAL:				\$ 20,191.25
11.	TOTAL COST				\$ 25,663.61
12.					
13.	FIXED FEE (Including Profit)				\$ 547.24
14.	TOTAL PRICE				\$ 26,210.85
15.					
16.	ADDITIONAL SERVICES TOTAL				\$ 26,210.85

Table 1

**Estimate of Time Allocation For Additional Services
Request For Contract Modification
Bill Moose Run Sewer Improvement Project
CIP 650672
September 28, 2006
Pomeroy & Associates, Ltd.**

STAFF	FP	RS	PM	PE	ET	D1	TOTAL
Additional coordination due to excessive open-cut			16	2			18
Additional topographic survey beyond allowance	8	8	4	4	4		28
Additional Easement and Right-of-Way Drop Coordination		12			4		16
Total Hours	8	20	20	6	8		62

DIRECT LABOR RATES FOR PROJECT:

FP- 3-Man F.C.	\$ 55.00 per/hr
RS- Reg. Surv.	\$ 28.00 per/hr
PM- Project Mgr.	\$ 45.00 per/hr
PE- Proj Eng.	\$ 28.00 per/hr
ET- Engr. Tech.	\$ 23.00 per/hr
D1- CAD Oper.	\$ 20.00 per/hr

**Bill Moose Run Improvements
CIP 650672
Available Funds
September 28, 2006**

1731	total billed to date 4-31-06	contract	% of contract	available	Budgeted items that will be billed more	Budgeted items that will not be billed any more	Contract Amount Available
RIBWAY Activity							
1 General	\$9,966.00	\$9,966.00	100.00%	\$0.00		X	\$0.00
2 Design Report	\$29,832.00	\$29,832.00	100.00%	\$0.00		X	\$0.00
3 Flow Monitoring	\$0.00	\$0.00	0.00%	\$0.00		X	\$0.00
4 Field Survey	\$3,300.00	\$3,300.00	100.00%	\$0.00		X	\$0.00
5 Cleaning & Televising	\$4,730.00	\$4,730.00	100.00%	\$0.00		X	\$0.00
6 Manhole Inspections	\$6,248.00	\$6,248.00	100.00%	\$0.00		X	\$0.00
7 Geotechnical Investigation	\$0.00	\$0.00	0.00%	\$0.00		X	\$0.00
8 Drawings & Specifications	\$37,510.00	\$37,510.00	100.00%	\$0.00		X	\$0.00
9 Easements	\$6,160.00	\$6,160.00	100.00%	\$0.00		X	\$0.00
10 Supplemental Services	\$0.00	\$0.00	0.00%	\$0.00		X	\$0.00
11 Bid Documents	\$3,333.00	\$3,333.00	100.00%	\$0.00	X		\$0.00
12 Permit Applications	\$1,144.00	\$1,144.00	100.00%	\$0.00		X	\$0.00
13 Other Permits & Evaluations	\$1,144.00	\$1,144.00	100.00%	\$0.00		X	\$0.00
14 Construction Engineering Services	\$7,194.00	\$7,194.00	100.00%	\$0.00	X		\$0.00
15 Record Plan Drawings	\$8,932.00	\$8,932.00	100.00%	\$0.00	X		\$0.00
16 Community Interaction	\$1,228.57	\$4,004.00	30.68%	\$2,775.43	X		\$2,775.43
16 Reimbursables							
12.1 Reproductions	\$0.00	\$2,200.00	0.00%	\$2,200.00	X		\$2,200.00
12.1 NOI Permit Application Fee		\$0.00	0.00%	\$0.00			
Property Deed Research		\$0.00	0.00%	\$0.00			
TOTAL	\$120,721.57	\$125,697.00	96.04%	\$4,975.43			
Contingencies on Main Contract pd to Ribway	\$12,441.00	\$15,000.00	82.94%	\$2,559.00		X	\$0.00
Total Contract Amount + Authorized (Ribway Only)	\$133,162.57	\$140,697.00	minus unused contingency of \$2559.00 =		\$138,138.00		
Total Authorized Amount Remaining to Finish Project		\$4,975.43					
Extra Work per Ribway Letter Dated 9-13-06		\$20,191.25					
Tasks yet to be finished:	Bid Documents						
	Construction Engineering Services						
	Record Plan Drawings						
	Community Interaction						
	Reproductions						

**Bill Moose Run Sewer Improvements
CIP 650672
Available Funds
September 28, 2006**

Activity	Total Billed	Original Contract Amount	% of Contract Amount Used	Contract Amount Available	Budgeted items that will not be billed any more	Allowances Available and will not be used
18 Allowances						
D&M Force Main Allow 2.10	\$ 880.00	\$ 2,200.00	40.00%	\$ 1,320.00	x	\$ 1,320.00
D&M cc-478 allow 2.1	\$ 6,757.45	\$ 7,000.00	96.54%	\$ 242.55	x	\$ 242.55
Ribway Rehabilitation of sanitary Sewer cc-478 (Cont)	\$ 12,441.00	\$ 15,000.00	82.94%	-	x	-
Topographic Survey 2.4.4	\$ 6,035.00	\$ 6,035.00	100.00%	-	x	-
Dye Testing 2.5	\$ -	\$ 2,160.00	0.00%	\$ 2,160.00	x	\$ 2,160.00
D&M Heavy Cleaning 2.5.10 allow	\$ 3,000.00	\$ 3,000.00	100.00%	-	x	-
Geotechnical Investigation CTL 2.7	\$ 6,976.04	\$ 7,181.00	97.15%	\$ 204.96	x	\$ 204.96
Storm Sewer Improvement 2.8	\$ -	\$ 4,200.00	0.00%	\$ 4,200.00	x	\$ 4,200.00
Wheelchair Ramps 2.8.15	\$ -	\$ 6,000.00	0.00%	\$ 6,000.00	x	\$ 6,000.00
15 State of Ohio PTI	\$ 4,425.00	\$ 9,000.00	49.17%	\$ 4,575.00		
Additional Easements	\$ 6,400.00	\$ 6,400.00	100.00%	\$ -		
Additional Survey (Conting)	\$ 1,556.22	\$ 1,559.00	99.82%	\$ 2.78		
19 Contingencies Other	\$ 7,956.22	\$ 16,335.00	48.71%	\$ 8,378.78		
				Allowances Still Available:		\$ 13,922.55

Tasks that have been finished: General

Design Report
Flow Monitoring
Field Survey
Cleaning & Televising
Manhole Inspections
Drawings & Specifications
Easements
Other Permits & Evaluations
Permit Applications
State of Ohio PTI

Tasks yet to be finished: Bid Documents

Community Interaction
Construction Engineering Services
Record Plan Drawings
Reproductions

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SEP 13 2006

POMEROY & ASSOCIATES
WORTHINGTON, OHIO

Ribway ENGINEERING GROUP INC.
ENGINEERING & PLANNING SERVICES

300 EAST BROAD STREET
SUITE 500
Columbus, OHIO 43215-3283

PHONE 614-221-8009
FAX 614-221-9089



Mr. Nabeel S. ElMaasarani, P.E.
Pomeroy & Associates, Ltd.
599 Scherers Court
Worthington, Ohio 43085

Date: September 8, 2006

Proj.: Bill Moose Run Area
Sanitary Improvements

Re.: Contract Modification

Dear Nabeel,

On March 2, 2006 we forwarded you a letter requesting modification to the existing contract. Since then, we visited the project site with City staff and concluded that some of the previously recommended improvements be modified. In summary, approximately 500 feet of proposed open-cut sanitary sewer along Fenway Road (and crossing High Street) will be replaced with a CIPP lined sewer. The proposed revision will require the deletion of one Maintenance of Traffic Sheet and changes to one Plan and Profile Sheet. As a result, we are submitting a revised modification to the contract. The revised modification is due to additional services rendered beyond the scope of the original project.

The additional services now include engineering services for approximately 1,710 linear feet (lf) of 12" sanitary sewer replacement along Fenway Road. The original scope of services required the rehabilitation of approximately 9,200 linear feet (lf) of sanitary sewer. However, following completion of the Design Report, it was determined that approximately 8,450 feet of sanitary sewer required rehabilitation and 1,710 feet of sanitary sewer required open-cut replacement.

Additional design services for the open-cut sanitary sewer replacement include design engineering and the preparation of detailed drawings and specifications. In the Design Report Phase, engineering services included performing hydraulic calculations, estimating quantities and costs, preparing conceptual and profile drawings, and incorporating the revisions into the Design Report. In the Detailed Design Phase, engineering services included preparation of plan and profile drawings, maintenance of traffic plans, service lateral reconnection details and notes, pavement replacement details and notes, erosion control details and notes and quantities. Sheet Nos. 10, 11, 15, 16 & 19 were prepared specifically for the open-cut sanitary replacement and Sheet Nos. 4 & 18 were revised to accommodate the changes. Additional coordination meetings were also held with the City of Columbus Transportation Department, Franklin County Engineer and Sharon Township Officials during the preparation of the maintenance of traffic plans.



The estimate of manhours and cost for additional services is shown below. The estimate includes work performed to date. An estimate for non-performed services related to 750 (9,200 - 8,450) linear ft. of sewer rehabilitation is also provided. The costs are based on the original project billing rates and have not been adjusted upward.

Cost for Additional Services:

Project Manager; 30 hours x \$127.25/hour	=	\$ 3,818.50
Project Engineer; 96 hours x \$104.50/hour	=	\$10,032.00
Design Engineer; 28 hours x \$71.50/hour	=	\$ 2,002.00
Engineering Technician; 98 hours x \$55.00/hour	=	\$ 5,390.00
Clerical Assistant; 20 hours x \$38.50/hour	=	\$ 770.00
Total	=	<u>\$22,012.50</u>

Credit for Non-Performed Services:

Project Manager; 1 hour x \$127.25/hour	=	\$ 127.25
Project Engineer; 12 hours x \$ 104.50/hour	=	\$ 1,254.00
Engineering Technician; 8 hours x \$55.00/hour	=	\$ 440.00
Total	=	<u>\$ 1,821.25</u>

Our request for additional fees is \$20,191.25 (\$22,012.50 - \$1,821.25). We trust the above information adequately justifies our request for a contract modification. We look forward to your favorable review and approval of the modification. Meanwhile, if you should have any questions, please contact me.

Very Truly Yours

Andrew Eribo, P.E.
 Principal/Owner

Cc: K. Mohamed, REG