



July 25, 2008

Mr. Gary Gilbert, P.E.
City of Columbus
Division of Sewerage and Drainage
1250 Fairwood Avenue
Columbus, Ohio 43206

**RE: Submission of Modification No. 7
Big Walnut Augmentation/Rickenbacker Sanitary Interceptor (BWARD)
CIP 491.1 and 430.1; URS Job No. 14570859**

Dear Mr. Gilbert:

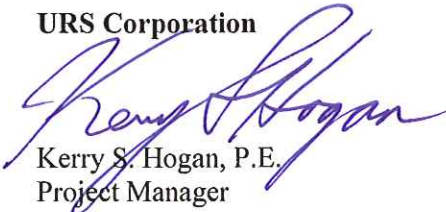
Please find attached for your consideration Modification No. 7 to our Professional Services Agreement for the above-referenced project. This modification covers both the construction management and the inspection of Parts 1 and 2 of the project. The services and associated fees for the Air Quality Control Facility work are included on separate exhibits as Part 2B services. You will note that this modification includes all of our subconsultants for this project as well. **CHR GRAY HAS BEEN REMOVED FROM THIS MODIFICATION REQUEST**

We wish to note that the fees have been budgeted based on a one-year period commencing October 1, 2008. It was assumed that Part 1 would be ongoing for the full one-year period, but Part 2 would be fully complete by December 31, 2008. The Air Quality Control Facility will be complete by April 15, 2009. ~~You will also note that a budget has been included under H.R. Gray's fee for utilizing a coating subconsultant (i.e., Corrosion Probe, Inc.) if requested or required.~~ *HRG*

If you have any questions or require additional information on the enclosed documents, please feel free to contact me.

Sincerely yours,

URS Corporation



Kerry S. Hogan, P.E.
Project Manager

Enclosures

cc: Herb Johanson, Columbus w/encl.
Bob Scott, HRG w/encl.
Dave Chapman, LFA w/encl.

URS Corporation
277 West Nationwide Boulevard
Columbus, OH 43215-2566
Tel: 614.464.4500
Fax: 614.464.0588



MODIFICATION #7 SUMMARY

PROJECT TITLE: Big Walnut Augmentation/Rickenbacker Sanitary Interceptor

CIP NO.: 491.1 and 430.1

October 1, 2008 - September 30, 2009

		HR Gray	Lachel	URS	Mod #7 TOTAL	
Part 1	Office DL	\$37,986	\$86,109	\$63,743		
CM	Office OH	\$66,855	\$126,580	\$107,726		
	Office Profit	\$10,484	\$21,269	\$17,147		
	Office Exp	\$878	\$26,488	\$10,000		
	Office Subs	\$130,000	\$0	\$0		
	Office Total	\$246,203	\$260,446	\$198,616	\$705,265	Part 1 CM
Part 1	Field DL	\$392,031	\$20,300	\$178,842		
Inspection	Field OH	\$588,047	\$29,435	\$248,590		
	Field Profit	\$98,008	\$4,974	\$42,743		
	Field Exp	\$8,915	\$0	\$2,925		
	Field Subs	\$166,350	\$0	\$0		
	Field Total	\$1,253,351	\$54,709	\$473,100	\$1,781,160	Part 1 Inspection
Part 2	Office DL	\$10,111	\$7,247	\$11,280		
CM	Office OH	\$17,795	\$10,653	\$19,064		
	Office Profit	\$2,791	\$1,790	\$3,034		
	Office Exp	\$585	\$4,112	\$1,500		
	Office Subs	\$0	\$0	\$0		
	Office Total	\$31,282	\$23,802	\$34,878	\$89,962	Part 2 CM
Part 2	Field DL	\$28,792	\$3,480	\$10,593		
Inspection	Field OH	\$43,188	\$5,046	\$14,725		
	Field Profit	\$7,198	\$853	\$2,532		
	Field Exp	\$2,398	\$0	\$293		
	Field Subs	\$2,510	\$0	\$0		
	Field Total	\$84,086	\$9,379	\$28,143	\$121,608	Part 2 Inspection
Part 2B	Office DL	\$8,125	\$0	\$22,544		
CM	Office OH	\$14,300	\$0	\$38,100		
	Office Profit	\$2,242	\$0	\$6,064		
	Office Exp	\$585	\$0	\$0		
	Office Subs	\$0	\$0	\$10,000		
	Office Total	\$25,252	\$0	\$76,708	\$101,960	Part 2B CM
Part 2B	Field DL	\$42,155	\$0	\$25,240		
Inspection	Field OH	\$63,233	\$0	\$35,084		
	Field Profit	\$10,539	\$0	\$6,032		
	Field Exp	\$4,085	\$0	\$1,404		
	Field Subs	\$3,848	\$0	\$0		
	Field Total	\$123,860	\$0	\$67,760	\$191,620	Part 2B Inspection
Subtotals		\$1,764,034	\$348,336	\$879,205	\$2,991,575	TOTAL Modification #7
					\$1,227,541	

EXHIBIT E: COST SUMMARY
SUMMARY OF ENTIRE PROJECT - BWARI, BWOAS & AQCF - MODIFICATION #7

1. CITY: Department of Public Utilities		2. CIP: 491.1 & 430.1	3. VERSION: <i>Mod. #7</i> <i>from 10/01/08 to 09/30/09</i>	
4. NAME OF CONSULTANT: URS		5. PROJECT TITLE: BWARI ,BWOAS& AQCF		
6. ADDRESS: 277 West Nationwide Boulevard Columbus, Ohio 43215-2566		7. TYPE OF CONTRACT Cost Plus Fixed Fee		
8. DIRECT LABOR (specify labor categories):	HOUR RATE	EST. HOURS	EST. COST	Totals
Principal (PR)	\$82.83	130	\$10,768	
Project Manager (PM)	\$76.25	250	\$19,063	
Project Engineer (PE)	\$63.12	430	\$27,142	
Field Engineer (FE)	\$78.38	1094	\$85,748	
Inspector (INSP)	\$50.56	2550	\$128,928	
Design Engineer (DE)	\$49.97	218	\$10,893	
Registered Surveyor (RS)	\$55.09	124	\$6,831	
Cadd Technician/Drafter (D1)	\$34.19	266	\$9,095	
Engineering Technician (ET)	\$31.55	310	\$9,781	
Clerical (CL)	\$26.29	152	\$3,996	
DIRECT LABOR TOTAL:		5524		\$312,242
9. INDIRECT COSTS	Rate	x DL Total	Est. Cost	
Payroll/Admin (Office personnel)	1.69	\$97,568	\$164,889	
Payroll/Admin (Field personnel)	1.39	\$214,676	\$298,399	
INDIRECT COSTS TOTAL:			\$463,289	\$463,289
10. OTHER DIRECT COSTS (ODC)	Rate		Est. Cost	
a. Travel auto/mileage On-Site	7900	\$0.585	\$4,622	
b. Equipment, Materials, Supplies	Qty.	Unit Cost	Est. Cost	
Travel/airline/auto mileage (out of town employees)	1	\$11,500	\$11,500	
Subtotal:			\$11,500	
c. Subcontracts			Est. Cost	
H. R. Gray and Associates			\$1,764,034	
Lachel Felice Associates			\$348,336	
Materials Testing (In HR Gray Estimate)			\$0	
Misc Subs/Experts/Public Education/SCADA Path Study			\$0	
Odor & Corrosion Technology Consultants (OCTC)			\$10,000	
Subcontracts Subtotal:			\$2,122,370	358,336
d. Other (specify categories)			Est. Cost	
Other Subtotal:			\$0	1,149,987
e. OTHER DIRECT COSTS TOTAL:				\$2,138,492
11. TOTAL COST				\$2,914,023
12. FIXED FEE (including profit)	PERCENT AMOUNT:	10%		\$77,552
13. TOTAL PRICE				\$2,991,575
14. CONTINGENCY SERVICES @ 15% OF LINE 13		EXCLUDED FROM TOTALS		\$0
15. MAX REIMBURSEMENT FOR PTI				\$0
16. CONTRACT TOTAL				\$2,991,575 1,227,541

URS Corporation

EXHIBIT D
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY

PROJECT TITLE: Big Walnut Augmentation/Rickenbacker Sanitary Interceptor (BWARI)
Part 1 Construction Management Services - October 1, 2008 to September 30, 2009
FIRM: URS **CIP NO.:** 491.1

TASK NO.	ACTIVITY	MAN HOURS										TOTAL		
		PR	PM	PE	FE	INSP	DE	RS	D1	ET	CL			
2.1	General													0
2.2	Preliminary Design Report													0
2.3	Field Survey													0
2.4	Geotechnical /Geophysical Work													0
2.5	Drawings													0
2.5.8	Detailed Design Summary Report													0
2.5.9	Specifications													0
2.5.11	Constructability Review													0
2.6	Easements													0
2.7	Supplemental													0
2.8	Bid Documents													0
2.9	OEPA Permit To Install (PTI)													0
2.10	Other Permits, Plans, and Evaluations													0
2.11	Engineering During Const /Shop Dwg	102	180	280	0	0	156	60	154	162	92	0	1186	0
2.11	Construction Management Field Services													0
2.11	Resident Project Representation Services													0
	Total Hours For Mod #7	102	180	280	0	0	156	60	154	162	92	0	1186	0

Principal (PR)	\$82.83	per hour
Project Manager (PM)	\$76.25	per hour
Project Engineer (PE)	\$63.12	per hour
Field Engineer (FE)	\$78.38	per hour
Inspector (INSP)	\$50.56	per hour
Design Engineer (DE)	\$49.97	per hour
Registered Surveyor (RS)	\$55.09	per hour
Cadd Technician/Drafter (D1)	\$34.19	per hour
Engineering Technician (ET)	\$31.55	per hour
Clerical (CL)	\$26.29	per hour

at field overhead rate
at field overhead rate

EXHIBIT E: COST SUMMARY

Part 1 Construction Management Services Portion of Mod #7

1. CITY: Department of Public Utilities		2. CIP: 491.1	3. VERSION: <i>Mod. #7</i> <i>from 10/01/08 to 09/30/09</i>		
4. NAME OF CONSULTANT: URS		5. PROJECT TITLE: Big Walnut Augmentation/Rickenbacker Sanitary Interceptor (BWARI)			
6. ADDRESS: 277 West Nationwide Boulevard Columbus, Ohio 43215-2566		7. TYPE OF CONTRACT Cost Plus Fixed Fee			
8. DIRECT LABOR (specify labor categories):		HOUR RATE	EST. HOURS	EST. COST	Totals
Principal (PR)		\$82.83	102	\$8,449	
Project Manager (PM)		\$76.25	180	\$13,725	
Project Engineer (PE)		\$63.12	280	\$17,674	
Field Engineer (FE)		\$78.38	0	\$0	
Inspector (INSP)		\$50.56	0	\$0	
Design Engineer (DE)		\$49.97	156	\$7,795	
Registered Surveyor (RS)		\$55.09	60	\$3,305	
Cadd Technician/Drafter (D1)		\$34.19	154	\$5,265	
Engineering Technician (ET)		\$31.55	162	\$5,111	
Clerical (CL)		\$26.29	92	\$2,419	
DIRECT LABOR TOTAL:			1186		\$63,743
9. INDIRECT COSTS		Rate	x DL Total	Est. Cost	
Payroll/Admin (Office personnel)		1.69	\$63,743	\$107,726	
Payroll/Admin (Field personnel)		1.39	\$0	\$0	
INDIRECT COSTS TOTAL:				\$107,726	\$107,726
10. OTHER DIRECT COSTS (ODC)		Rate		Est. Cost	
a. Travel /airline/auto/mileage(out of town employees)		1	\$10,000.00	\$10,000	
b. Equipment, Materials, Supplies		Qty.	Unit Cost	Est. Cost	
Postage, printing,plotting				\$0	
Supplies				\$0	
Permit Fees				\$0	
Field Office Maintenance (In HR Gray Estimate)				\$0	
Subtotal:				\$0	
c. Subcontracts				Est. Cost	
H. R. Gray and Associates, Inc. (see HR Gray Estimate)				\$0	
Lachel Felice Associates (see Lachel Felice Estimate)				\$0	
Material Testing (In HR Gray Estimate)				\$0	
Bergmann Associates (Sean Murphy Expert Witness)				\$0	
Misc Subs/Experts/Public Education/				\$0	
Subcontracts Subtotal:				\$0	
d. Other (specify categories)				Est. Cost	
Other Subtotal:				\$0	
e. OTHER DIRECT COSTS TOTAL:					\$10,000
11. TOTAL COST					\$181,469
12. FIXED FEE (including profit) PERCENT AMOUNT:			10%		\$17,147
13. TOTAL PRICE					\$198,616
14. CONTINGENCY SERVICES @ 15% OF LINE 13				EXCLUDED FROM TOTALS	\$0
15. MAX REIMBURSEMENT FOR PTI					\$0
16. CONTRACT TOTAL					\$198,616

EXHIBIT D
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY

PROJECT TITLE: Big Walnut Augmentation/Rickenbacker Sanitary Interceptor (BWARI)
Part 1 Construction Field Services - October 1, 2008 to September 30, 2009
FIRM: URS

CIP NO.: 491.1

TASK NO.	ACTIVITY	MAN HOURS											TOTAL	
		PR	PM	PE	FE	INSP	DE	RS	D1	ET	CL			
2.1	General													0
2.2	Preliminary Design Report													0
2.3	Field Survey													0
2.4	Geotechnical /Geophysical Work													0
2.5	Drawings													0
2.5.8	Detailed Design Summary Report													0
2.5.9	Specifications													0
2.5.11	Constructability Review													0
2.6	Easements													0
2.7	Supplemental													0
2.8	Bid Documents													0
2.9	OEPA Permit To Install (PTI)													0
2.10	Other Permits, Plans, and Evaluations													0
2.11	Engineering During Const /Shop Dwgs													0
2.11	Construction Management Field Services	0	0	0	940	2080	0	0	0	0	0	0	0	3020
2.11	Resident Project Representation Services													0
Total Hours For Mod #7		0	0	0	940	2080	0	0	0	0	0	0	0	3020

Principal (PR)	\$82.83	per hour
Project Manager (PM)	\$76.25	per hour
Project Engineer (PE)	\$63.12	per hour
Field Engineer (FE)	\$78.38	per hour at field overhead rate
Inspector (INSP)	\$50.56	per hour at field overhead rate
Design Engineer (DE)	\$49.97	per hour
Registered Surveyor (RS)	\$55.09	per hour
Cadd Technician/Drafter (D1)	\$34.19	per hour
Engineering Technician (ET)	\$31.55	per hour
Clerical (CL)	\$26.29	per hour

EXHIBIT E: COST SUMMARY

Part 1 Construction Field Services Portion of Mod #7

1.	CITY: Department of Public Utilities	2. CIP: 491.1	3. VERSION: <i>Mod. #7</i> <i>from 10/01/08 to 09/30/09</i>		
4.	NAME OF CONSULTANT: URS	5. PROJECT TITLE: Big Walnut Augmentation/Rickenbacker Sanitary Interceptor (BWARI)			
6.	ADDRESS: 277 West Nationwide Boulevard Columbus, Ohio 43215-2566	7. TYPE OF CONTRACT Cost Plus Fixed Fee			
8.	DIRECT LABOR (specify labor categories):	HOUR RATE	EST. HOURS	EST. COST	Totals
	Principal (PR)	\$82.83	0	\$0	
	Project Manager (PM)	\$76.25	0	\$0	
	Project Engineer (PE)	\$63.12	0	\$0	
	Field Engineer (FE)	\$78.38	940	\$73,677	
	Inspector (INSP)	\$50.56	2080	\$105,165	
	Design Engineer (DE)	\$49.97	0	\$0	
	Registered Surveyor (RS)	\$55.09	0	\$0	
	Cadd Technician/Drafter (D1)	\$34.19	0	\$0	
	Engineering Technician (ET)	\$31.55	0	\$0	
	Clerical (CL)	\$26.29	0	\$0	
	DIRECT LABOR TOTAL:		3020		\$178,842
9.	INDIRECT COSTS	Rate	x DL Total	Est. Cost	
	Payroll/Admin (Office personnel)	1.69	\$0	\$0	
	Payroll/Admin (Field personnel)	1.39	\$178,842	\$248,590	
	INDIRECT COSTS TOTAL:			\$248,590	\$248,590
10.	OTHER DIRECT COSTS (ODC)	Rate		Est. Cost	
	a. Travel (Miles X Rate per mile) On-site	5000	\$0.585	\$2,925	
	b. Equipment, Materials, Supplies	Qty.	Unit Cost	Est. Cost	
				\$0	
				\$0	
				\$0	
				\$0	
	Subtotal:			\$0	
	c. Subcontracts			Est. Cost	
	H. R. Gray and Associates (see HR Gray Estimate)			\$0	
	Lachel Felice Associates (see Lachel Felice Estimate)			\$0	
	Material Testing (In HR Gray Estimate)			\$0	
				\$0	
	Misc. Subs/Experts/Public Education/			\$0	
	Subcontracts Subtotal:			\$0	
	d. Other (specify categories)			Est. Cost	
	Other Subtotal:			\$0	
	e. OTHER DIRECT COSTS TOTAL:				\$2,925
11.	TOTAL COST				\$430,357
12.	FIXED FEE (including profit) PERCENT AMOUNT:		10%		\$42,743
13.	TOTAL PRICE				\$473,100
14.	CONTINGENCY SERVICES @ 15% OF LINE 13			EXCLUDED FROM TOTALS	\$0
15.	MAX REIMBURSEMENT FOR PTI				\$0
16.	CONTRACT TOTAL				\$473,100

EXHIBIT D
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY

PROJECT TITLE: Big Walnut Outfall Augmentation Sewer (BWOAS)

Part 2 Construction Management Services - October 1, 2008 to September 30, 2009

CIP NO.: 430.1

FIRM: URS

TASK NO.	ACTIVITY	PR	PM	PE	INSP	FE	MAN HOURS					TOTAL
							DE	RS	D1	ET	CL	
2.1	General											0
2.2	Preliminary Design Report											0
2.3	Field Survey											0
2.4	Geotechnical /Geophysical Work											0
2.5	Drawings											0
2.5.8	Detailed Design Summary Report											0
2.5.9	Specifications											0
2.5.11	Constructability Review											0
2.6	Easements											0
2.7	Supplemental											0
2.8	Bid Documents											0
2.9	OEPA Permit To Install (PTI)											0
2.10	Other Permits, Plans, and Evaluations											0
2.11	Engineering During Const./Shop Dwgs	10	28	20	0	0	0	24	80	80	18	0
2.11	Construction Management Field Services											0
2.11	Resident Project Representation Services											0
Total Hours For Mod #7		10	28	20	0	0	0	24	80	80	18	0

Principal (PR)	\$82.83	per hour
Project Manager (PM)	\$76.25	per hour
Project Engineer (PE)	\$63.12	per hour
Field Engineer (FE)	\$78.38	per hour at field overhead rate
Inspector (INSP)	\$50.56	per hour at field overhead rate
Design Engineer (DE)	\$49.97	per hour
Registered Surveyor (RS)	\$55.09	per hour
Cadd Technician/Drafter (D1)	\$34.19	per hour
Engineering Technician (ET)	\$31.55	per hour
Clerical (CL)	\$26.29	per hour

EXHIBIT E: COST SUMMARY

Part 2 Construction Management Services Portion of Mod #7

1. CITY: Department of Public Utilities		2. CIP: 430.1	3. VERSION: <i>Mod. #7</i> from 10/01/08 to 09/30/09	
4. NAME OF CONSULTANT: URS		5. PROJECT TITLE: Big Walnut Outfall Augmentation Sewer (BWOAS)		
6. ADDRESS: 277 West Nationwide Boulevard Columbus, Ohio 43215-2566		7. TYPE OF CONTRACT Cost Plus Fixed Fee		
8. DIRECT LABOR (specify labor categories):	HOUR RATE	EST. HOURS	EST. COST	Totals
Principal (PR)	\$82.83	10	\$828	
Project Manager (PM)	\$76.25	28	\$2,135	
Project Engineer (PE)	\$63.12	20	\$1,262	
Field Engineer (FE)	\$78.38	0	\$0	
Inspector (INSP)	\$50.56	0	\$0	
Design Engineer (DE)	\$49.97	0	\$0	
Registered Surveyor (RS)	\$55.09	24	\$1,322	
Cadd Technician/Drafter (D1)	\$34.19	80	\$2,735	
Engineering Technician (ET)	\$31.55	80	\$2,524	
Clerical (CL)	\$26.29	18	\$473	
DIRECT LABOR TOTAL:		260		\$11,280
9. INDIRECT COSTS	Rate	x DL Total	Est. Cost	
Payroll/Admin (Office personnel)	1.69	\$11,280	\$19,064	
Payroll/Admin (Field personnel)	1.39	\$0	\$0	
INDIRECT COSTS TOTAL:			\$19,064	\$19,064
10. OTHER DIRECT COSTS (ODC)	Rate		Est. Cost	
a. Travel /airline/auto/mileage(out of town employees)	1	\$1,500.00	\$1,500	
b. Equipment, Materials, Supplies	Qty.	Unit Cost	Est. Cost	
Postage, printing,plotting			\$0	
Supplies			\$0	
Permit Fees			\$0	
Field Office Maintenance (In HR Gray Estimate)			\$0	
Subtotal:			\$0	
c. Subcontracts			Est. Cost	
H. R. Gray and Associates (see HR Gray Estimate)			\$0	
Lachel Felice Associates (see Lachel Felice Estimate)			\$0	
Material Testing (In HR Gray estimate)			\$0	
Soils/Geotechnical (BBC&M)			\$0	
Misc Subs/Experts/Public Education/SCADA Path Study			\$0	
Odor & Corrosion Technology Consultants (OCTC)			\$0	
Subcontracts Subtotal:			\$0	
d. Other (specify categories)			Est. Cost	
			\$0	
Other Subtotal:			\$0	
e. OTHER DIRECT COSTS TOTAL:				\$1,500
11. TOTAL COST				\$31,844
12. FIXED FEE (including profit)	PERCENT AMOUNT:	10%		\$3,034
13. TOTAL PRICE				\$34,878
14. CONTINGENCY SERVICES @ 15% OF LINE 13		EXCLUDED FROM TOTALS		\$0
15. MAX REIMBURSEMENT FOR PTI				\$0
16. CONTRACT TOTAL				\$34,878

EXHIBIT D
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY

PROJECT TITLE: Big Walnut Outfall Augmentation Sewer (BWOAS)

Part 2 Construction Field Services - October 1, 2008 to September 30, 2009

FIRM: URS

CIP NO. 430.1

TASK NO.	ACTIVITY	MAN HOURS											TOTAL	
		PR	PM	PE	FE	INSP	DE	RS	D1	ET	CL			
2.1	General													0
2.2	Preliminary Design Report													0
2.3	Field Survey													0
2.4	Geotechnical /Geophysical Work													0
2.5	Drawings													0
2.5.8	Detailed Design Summary Report													0
2.5.9	Specifications													0
2.5.11	Constructability Review													0
2.6	Easements													0
2.7	Supplemental													0
2.8	Bid Documents													0
2.9	OEPA Permit To Install (PTI)													0
2.10	Other Permits, Plans, and Evaluations													0
2.11	Engineering During Const /Shop Dwgs													0
2.11	Construction Management Field Services	0	0	0	90	70	0	0	0	0	0	0	0	160
2.11	Resident Project Representation Services													0
	Total Hours For Mod #7	0	0	0	90	70	0	0	0	0	0	0	0	160

Principal (PR)	\$82.83	per hour
Project Manager (PM)	\$76.25	per hour
Project Engineer (PE)	\$63.12	per hour
Field Engineer (FE)	\$78.38	per hour at field overhead rate
Inspector (INSP)	\$50.56	per hour at field overhead rate
Design Engineer (DE)	\$49.97	per hour
Registered Surveyor (RS)	\$55.09	per hour
Cadd Technician/Drafter (D1)	\$34.19	per hour
Engineering Technician (ET)	\$31.55	per hour
Clerical (CL)	\$26.29	per hour

EXHIBIT E: COST SUMMARY

Part 2 Construction Field Services Portion of Mod #7

1.	CITY: Department of Public Utilities	2. CIP: 430.1	3. VERSION: <i>Mod. #7</i> from 10/01/08 to 09/30/09		
4.	NAME OF CONSULTANT: URS	5. PROJECT TITLE: Big Walnut Outfall Augmentation Sewer (BWOAS)			
6.	ADDRESS: 277 West Nationwide Boulevard Columbus, Ohio 44125-2566	7. TYPE OF CONTRACT Cost Plus Fixed Fee			
8.	DIRECT LABOR (specify labor categories):	HOUR RATE	EST. HOURS	EST. COST	Totals
	Principal (PR)	\$82.83	0	\$0	
	Project Manager (PM)	\$76.25	0	\$0	
	Project Engineer (PE)	\$63.12	0	\$0	
	Field Engineer (FE)	\$78.38	90	\$7,054	
	Inspector (INSP)	\$50.56	70	\$3,539	
	Design Engineer (DE)	\$49.97	0	\$0	
	Registered Surveyor (RS)	\$55.09	0	\$0	
	Cadd Technician/Drafter (D1)	\$34.19	0	\$0	
	Engineering Technician (ET)	\$31.55	0	\$0	
	Clerical (CL)	\$26.29	0	\$0	
	DIRECT LABOR TOTAL:		160		\$10,593
9.	INDIRECT COSTS	Rate	x DL Total	Est. Cost	
	Payroll/Admin (Office personnel)	1.69	\$0	\$0	
	Payroll/Admin (Field personnel)	1.39	\$10,593	\$14,725	
	INDIRECT COSTS TOTAL:			\$14,725	\$14,725
10.	OTHER DIRECT COSTS (ODC)	Rate		Est. Cost	
	a. Travel (Miles X Rate per mile) On-site	500	\$0.585	\$293	
	b. Equipment, Materials, Supplies	Qty.	Unit Cost	Est. Cost	
				\$0	
				\$0	
				\$0	
				\$0	
	Subtotal:			\$0	
	c. Subcontracts			Est. Cost	
	H. R. Gray and Associates (see HR Gray Estimate)			\$0	
	Lachel Felice Associates (see Lachel Felice Estimate)			\$0	
	Material Testing (In HR Gray estimate)			\$0	
	Misc Subs/Experts/Public Education/			\$0	
				\$0	
	Subcontracts Subtotal:			\$0	
	d. Other (specify categories)			Est. Cost	
				\$0	
	Other Subtotal:			\$0	
	e. OTHER DIRECT COSTS TOTAL:				\$293
11.	TOTAL COST				\$25,611
12.	FIXED FEE (including profit) PERCENT AMOUNT:		10%		\$2,532
13.	TOTAL PRICE				\$28,143
14.	CONTINGENCY SERVICES @ 15% OF LINE 13		EXCLUDED FROM TOTALS		\$0
15.	MAX REIMBURSEMENT FOR PTI				\$0
16.	CONTRACT TOTAL				\$28,143

PROJECT TITLE: Air Quality Control Facility (AQCF)

Part 2B Construction Management Services - October 1, 2008 to April 15, 2009

CIP NO. 430.1

FIRM: URS

TASK NO.	ACTIVITY	MAN HOURS											TOTAL	
		PR	PM	PE	FE	INSP	DE	RS	D1	ET	CL			
2.1	General													0
2.2	Preliminary Design Report													0
2.3	Field Survey													0
2.4	Geotechnical /Geophysical Work													0
2.5	Drawings													0
2.5.8	Detailed Design Summary Report													0
2.5.9	Specifications													0
2.5.11	Constructability Review													0
2.6	Easements													0
2.7	Supplemental													0
2.8	Bid Documents													0
2.9	OEPA Permit To Install (PTI)													0
2.10	Other Permits, Plans, and Evaluations													0
2.11	Engineering During Const./Shop Dwg	18	42	130	0	0	62	40	32	68	42	0	434	
2.11	Construction Management Field Services												0	
2.11	Resident Project Representation Services												0	
Total Hours For Mod #7		18	42	130	0	0	62	40	32	68	42	0	434	

Principal (PR)	\$82.83	per hour
Project Manager (PM)	\$76.25	per hour
Project Engineer (PE)	\$63.12	per hour
Field Engineer (FE)	\$78.38	per hour at field overhead rate
Inspector (INSP)	\$50.56	per hour at field overhead rate
Design Engineer (DE)	\$49.97	per hour
Registered Surveyor (RS)	\$55.09	per hour
Cadd Technician/Drafter (D1)	\$34.19	per hour
Engineering Technician (ET)	\$31.55	per hour
Clerical (CL)	\$26.29	per hour

EXHIBIT E: COST SUMMARY

Part 2B Construction Management Services Portion of Mod #7

1. CITY: Department of Public Utilities		2. CIP: 430.1	3. VERSION: <i>Mod. #7</i> <i>from 10/01/08 to 04/15/09</i>	
4. NAME OF CONSULTANT: URS		5. PROJECT TITLE: Air Quality Control Facility (AQCF) - Part 2B		
6. ADDRESS: 277 West Nationwide Boulevard Columbus, Ohio 43215-2566		7. TYPE OF CONTRACT Cost Plus Fixed Fee		
8. DIRECT LABOR (specify labor categories):	HOUR RATE	EST. HOURS	EST. COST	Totals
Principal (PR)	\$82.83	18	\$1,491	
Project Manager (PM)	\$76.25	42	\$3,203	
Project Engineer (PE)	\$63.12	130	\$8,206	
Field Engineer (FE)	\$78.38	0	\$0	
Inspector (INSP)	\$50.56	0	\$0	
Design Engineer (DE)	\$49.97	62	\$3,098	
Registered Surveyor (RS)	\$55.09	40	\$2,204	
Cadd Technician/Drafter (D1)	\$34.19	32	\$1,094	
Engineering Technician (ET)	\$31.55	68	\$2,145	
Clerical (CL)	\$26.29	42	\$1,104	
DIRECT LABOR TOTAL:		434		\$22,544
9. INDIRECT COSTS	Rate	x DL Total	Est. Cost	
Payroll/Admin (Office personnel)	1.69	\$22,544	\$38,100	
Payroll/Admin (Field personnel)	1.39	\$0	\$0	
INDIRECT COSTS TOTAL:			\$38,100	\$38,100
10. OTHER DIRECT COSTS (ODC)	Rate		Est. Cost	
a. Travel /airline/auto/mileage(out of town employees)		\$0	\$0	
b. Equipment, Materials, Supplies	Qty.	Unit Cost	Est. Cost	
Postage, printing,plotting			\$0	
Supplies			\$0	
Permit Fees			\$0	
Field Office Maintenance (In HR Gray Estimate)			\$0	
Subtotal:			\$0	
c. Subcontracts			Est. Cost	
H. R. Gray and Associates (see HR Gray Estimate)			\$0	
Lachel Felice Associates (see Lachel Felice Estimate)			\$0	
Material Testing (In HR Gray estimate)			\$0	
Soils/Geotechnical (BBC&M)			\$0	
Misc Subs/Experts/Public Education/SCADA Path Study			\$0	
Odor & Corrosion Technology Consultants (OCTC)			\$10,000	
Subcontracts Subtotal:			\$10,000	
d. Other (specify categories)			Est. Cost	
Lab Testing on water/equip. rental			\$0	
Other Subtotal:			\$0	
e. OTHER DIRECT COSTS TOTAL:				\$10,000
11. TOTAL COST				\$70,644
12. FIXED FEE (including profit)	PERCENT AMOUNT:	10%		\$6,064
13. TOTAL PRICE				\$76,708
14. CONTINGENCY SERVICES @ 15% OF LINE 13		EXCLUDED FROM TOTALS		\$0
15. MAX REIMBURSEMENT FOR PTI				\$0
16. CONTRACT TOTAL				\$76,708

EXHIBIT D
ESTIMATE OF TIME ALLOCATION BY TASK ACTIVITY

PROJECT TITLE: Air Quality Control Facility (AQCF)

Part 2B Construction Field Services - October 1, 2008 to April 15, 2009

FIRM: URS

CIP NO. 430.1

TASK NO.	ACTIVITY	MAN HOURS											TOTAL			
		PR	PM	PE	FE	INSP	DE	RS	D1	ET	CL					
2.1	General															0
2.2	Preliminary Design Report															0
2.3	Field Survey															0
2.4	Geotechnical /Geophysical Work															0
2.5	Drawings															0
2.5.8	Detailed Design Summary Report															0
2.5.9	Specifications															0
2.5.11	Constructability Review															0
2.6	Easements															0
2.7	Supplemental															0
2.8	Bid Documents															0
2.9	OEPA Permit To Install (PTI)															0
2.10	Other Permits, Plans, and Evaluations															0
2.11	Engineering During Const /Shop Dwgs															0
2.11	Construction Management Field Services	0	0	0	64	400	0	0	0	0	0	0	0	0	0	464
2.11	Resident Project Representation Services															0
Total Hours For Mod #7		0	0	0	64	400	0	0	0	0	0	0	0	0	0	464

Principal (PR)	\$82.83	per hour
Project Manager (PM)	\$76.25	per hour
Project Engineer (PE)	\$63.12	per hour
Field Engineer (FE)	\$78.38	per hour at field overhead rate
Inspector (INSP)	\$50.56	per hour at field overhead rate
Design Engineer (DE)	\$49.97	per hour
Registered Surveyor (RS)	\$55.09	per hour
Cadd Technician/Drafter (D1)	\$34.19	per hour
Engineering Technician (ET)	\$31.55	per hour
Clerical (CL)	\$26.29	per hour

EXHIBIT E: COST SUMMARY

Part 2B Construction Field Services Portion of Mod #7

1.	CITY: Department of Public Utilities	2. CIP: 430.1	3. VERSION: <i>Mod. #7</i> from 10/01/08 to 04/15/09		
4.	NAME OF CONSULTANT: URS	5. PROJECT TITLE: Air Quality Control Facility (AQCF)-Part 2B			
6.	ADDRESS: 277 West Nationwide Boulevard Columbus, Ohio 43215-2566	7. TYPE OF CONTRACT Cost Plus Fixed Fee			
8.	DIRECT LABOR (specify labor categories):	HOUR RATE	EST. HOURS	EST. COST	Totals
	Principal (PR)	\$82.83	0	\$0	
	Project Manager (PM)	\$76.25	0	\$0	
	Project Engineer (PE)	\$63.12	0	\$0	
	Field Engineer (FE)	\$78.38	64	\$5,016	
	Inspector (INSP)	\$50.56	400	\$20,224	
	Design Engineer (DE)	\$49.97	0	\$0	
	Registered Surveyor (RS)	\$55.09	0	\$0	
	Cadd Technician/Drafter (D1)	\$34.19	0	\$0	
	Engineering Technician (ET)	\$31.55	0	\$0	
	Clerical (CL)	\$26.29	0	\$0	
	DIRECT LABOR TOTAL:		464		\$25,240
9.	INDIRECT COSTS	Rate	x DL Total	Est. Cost	
	Payroll/Admin (Office personnel)	1.69	\$0	\$0	
	Payroll/Admin (Field personnel)	1.39	\$25,240	\$35,084	
	INDIRECT COSTS TOTAL:			\$35,084	\$35,084
10.	OTHER DIRECT COSTS (ODC)	Rate		Est. Cost	
	a. Travel (Miles X Rate per mile) On-site	2400	\$0.585	\$1,404	
	b. Equipment, Materials, Supplies	Qty.	Unit Cost	Est. Cost	
				\$0	
				\$0	
				\$0	
				\$0	
	Subtotal:			\$0	
	c. Subcontracts			Est. Cost	
	H. R. Gray and Associates (see HR Gray Estimate)			\$0	
	Lachel Felice Associates (see Lachel Felice Estimate)			\$0	
	Material Testing (In HR Gray estimate)			\$0	
	Misc Subs/Experts/Public Education/			\$0	
				\$0	
	Subcontracts Subtotal:			\$0	
	d. Other (specify categories)			Est. Cost	
				\$0	
	Other Subtotal:			\$0	
	e. OTHER DIRECT COSTS TOTAL:				\$1,404
11.	TOTAL COST				\$61,728
12.	FIXED FEE (including profit) PERCENT AMOUNT:		10%		\$6,032
13.	TOTAL PRICE				\$67,760
14.	CONTINGENCY SERVICES @ 15% OF LINE 13		EXCLUDED FROM TOTALS		\$0
15.	MAX REIMBURSEMENT FOR PTI				\$0
16.	CONTRACT TOTAL				\$67,760

URS CORPORATION

PROJECT TITLE: Big Walnut Augmentation/Rickenbacker Sanitary Interceptor

CIP NO.: 491.1 and 430.1

Project Duration From/To: 1-Oct-08 30-Sep-09

MAXIMUM HOURLY RATE SCHEDULE

Labor Categories	YEAR	
	2008	2009
Principal (PR)	\$78.89	\$82.83
Project Manager (PM)	\$72.62	\$76.25
Project Engineer (PE)	\$60.11	\$63.12
Field Engineer (FE)	\$74.65	\$78.38
Inspector (INSP)	\$48.15	\$50.56
Design Engineer (DE)	\$47.59	\$49.97
Registered Surveyor (RS)	\$52.46	\$55.09
Cadd Technician/Drafter (D1)	\$32.56	\$34.19
Engineering Technician (ET)	\$30.05	\$31.55
Clerical (CL)	\$25.04	\$26.29

Lachel & Associates

Exhibit D: BWARI Part 1 - Construction Management

PROJECT TITLE:

Big Walnut Augmentation/Rickenbacker Interceptor

CIP NO.: 491

Part 1 Construction Management Services (Office) - October 1, 2008 to September 30, 2009

FIRM: LACHEL FELICE & Associates, Inc.

Task No.	ACTIVITY	P	PM	CGE	SGE	SE	CA	SCE	CL	STE	ET/D	G	TOTAL
2.1	General												0
2.2	Design Report												0
2.3	Field Survey												0
2.4	Geotechnical/Geophysical Work												0
2.5	Drawings (includes Design)												0
2.5.8	Detailed Design Summary Report												0
2.5.9	Specifications												0
2.5.11	Constructability Review												0
2.6	Easements												0
2.7	Supplemental												0
2.8	Bid Documents												0
2.9	OEPA Permit To Install (PTI)												0
2.10	Other Permits, Plans, and Evaluations			250	220	60		110					640
2.11	Engineering During Const/Shop Dwg			250	220	62		110	15				637
2.11	Construction Management Services												0
2.11	Resident Project Representation Svr												0
	Total Hours	0	0	500	440	122	220	0	15	0	0	0	1297

Principal (P) \$85.00 per hour
 Project Manager (PM) \$80.00 per hour
 Chief Geotechnical Engineer (CGE) \$80.00 per hour
 Senior Geotechnical Engineer (SGE) - Office \$58.00 per hour
 Structural Engineer (SE) \$47.00 per hour
 Construction Advisor (CA) \$84.00 per hour
 Senior Construction Engineer (SCE) \$65.00 per hour
 Clerical (CL) \$37.00 per hour
 Engineering Technician/Draftsman (ET/D) \$37.00 per hour
 Staff Engineer (STE) - Office \$27.00 per hour
 Geotechnical Eng./Eng. Geologist (G) \$34.00 per hour
 Senior Geotechnical Engineer (SGE) - Field \$58.00 per hour

APPENDIX
EXHIBIT E: COST SUMMARY

Part 1 Construction Management Services (Office) - October 1, 2008 to September 30, 2009

1. CITY: Department of Public Utilities		2. CIP: 491	3. VERSION:	
4. NAME OF CONSULTANT: LACHEL FELICE & Associates, Inc.		5. PROJECT TITLE: Big Walnut/Rickenbacker Sanitary Interceptor		
6. ADDRESS: 1667 Cole Blvd., Suite 220 Golden, CO 80401		7. TYPE OF CONTRACT Cost Plus Fixed Fee		
8. DIRECT LABOR (specify labor categories):	HOUR RATE	EST. HOURS	EST. COST	Totals
Principal (P)	\$85.00	0	\$0	
Project Manager (PM)	\$80.00	0	\$0	
Chief Geotechnical Engineer (CGE)	\$80.00	500	\$40,000	
Senior Geotechnical Engineer (SGE) - Office	\$58.00	440	\$25,520	
Structural Engineer (SE)	\$47.00	122	\$5,734	
Construction Advisor (CA)	\$84.00	0	\$0	
Senior Construction Engineer (SCE)	\$65.00	220	\$14,300	
Clerical (CL)	\$37.00	15	\$555	
Staff Engineer (STE) - Office	\$37.00	0	\$0	
Engineering Technician/Draftsman (ET/D)	\$27.00	0	\$0	
Geotechnical Eng./Eng. Geologist (G)	\$34.00	0	\$0	
Senior Geotechnical Engineer (SGE) - Field	\$58.00	0	\$0	
DIRECT LABOR TOTAL - FIELD:		0	\$0	\$0
DIRECT LABOR TOTAL - OFFICE:		1297	\$86,109	\$86,109
9. INDIRECT COSTS	Rate	x DL Total	Est. Cost	
Payroll/Administrative - Office	1.47	\$86,109	\$126,580	
Payroll/Administrative - Field	1.45	\$0	\$0	
INDIRECT COSTS TOTAL:			\$126,580	\$126,580
10. OTHER DIRECT COSTS (ODC)	Qty.	Rate	Est. Cost	
a. Local Travel (Miles X Rate per Mile)	2,000	\$0.545	\$1,090	
b. Other Travel		Unit Cost	Est. Cost	
Air Fare		\$845.00	\$15,210	
Rental Car		\$55.00	\$2,970	
Lodging		\$100.00	\$3,600	
Meals		\$49.00	\$2,646	
Parking, Cab Fare, Miscellaneous		\$18.00	\$972	
Subtotal:			\$25,398	
c. Subcontracts			Est. Cost	
Subcontracts Subtotal:			\$0	
d. Other (specify categories)			Est. Cost	
Other Subtotal:			\$0	
e. OTHER DIRECT COSTS TOTAL:				\$26,488
11. TOTAL COST				\$239,177
12. FIXED FEE (including profit)	PERCENT AMOUNT:	10%		\$21,269
13. TOTAL PRICE				\$260,446
14. CONTINGENCY SERVICES @ 12% (Section 3.6)		Not included, as instructed		\$0
15. MAX REIMBURSEMENT FOR PTI				\$0
16. CONTRACT TOTAL				\$260,446

**APPENDIX
EXHIBIT E: COST SUMMARY**

Part 1 Construction Inspection Services (Field) - October 1, 2008 to September 30, 2009

1. CITY:	Department of Public Utilities	2. CIP:	491	3. VERSION:	
4. NAME OF CONSULTANT:	LACHEL FELICE & Associates, Inc.	5. PROJECT TITLE:	Big Walnut/Rickenbacker Sanitary Interceptor		
6. ADDRESS:	1667 Cole Blvd., Suite 220 Golden, CO 80401	7. TYPE OF CONTRACT	Cost Plus Fixed Fee		
8. DIRECT LABOR (specify labor categories):		HOUR RATE	EST. HOURS	EST. COST	Totals
Principal (P)		\$85.00	0	\$0	
Project Manager (PM)		\$80.00	0	\$0	
Chief Geotechnical Engineer (CGE)		\$80.00	0	\$0	
Senior Geotechnical Engineer (SGE) - Office		\$58.00	0	\$0	
Structural Engineer (SE)		\$47.00	0	\$0	
Construction Advisor (CA)		\$84.00	0	\$0	
Senior Construction Engineer (SCE)		\$65.00	0	\$0	
Clerical (CL)		\$37.00	0	\$0	
Staff Engineer (STE) - Office		\$37.00	0	\$0	
Engineering Technician/Draftsman (ET/D)		\$27.00	0	\$0	
Geotechnical Eng./Eng. Geologist (G)		\$34.00	0	\$0	
Senior Geotechnical Engineer (SGE) - Field		\$58.00	350	\$20,300	
DIRECT LABOR TOTAL - FIELD:			350	\$20,300	\$20,300
DIRECT LABOR TOTAL - OFFICE:			0	\$0	\$0
9. INDIRECT COSTS		Rate	x DL Total	Est. Cost	
Payroll/Administrative - Office		1.47	\$0	\$0	
Payroll/Administrative - Field		1.45	\$20,300	\$29,435	
INDIRECT COSTS TOTAL:				\$29,435	\$29,435
10. OTHER DIRECT COSTS (ODC)		Qty.	Rate	Est. Cost	
a. Local Travel (Miles X Rate per Mile)			\$0.395	\$0	
b. Other Travel			Unit Cost	Est. Cost	
Air Fare					
Rental Car					
Lodging					
Meals					
Parking, Cab Fare, Miscellaneous					
Subtotal:				\$0	
c. Subcontracts				Est. Cost	
Subcontracts Subtotal:				\$0	
d. Other (specify categories)				Est. Cost	
Other Subtotal:				\$0	
e. OTHER DIRECT COSTS TOTAL:					\$0
11. TOTAL COST					\$49,735
12. FIXED FEE (including profit) PERCENT AMOUNT:			10%		\$4,974
13. TOTAL PRICE					\$54,709
14. CONTINGENCY SERVICES @ 12% (Section 3.6)			Not included, as instructed		\$0
15. MAX REIMBURSEMENT FOR PTI					\$0
16. CONTRACT TOTAL					\$54,709

Exhibit D: BWOAS (Part 2) - Construction Management

PROJECT TITLE:

Part 1 Construction Management Services (Office) - October 1, 2008 to September 30, 2009
 Big Walnut Outfall Augmentation Sewer

CIP NO.: 430.1

FIRM: LACHEL FELICE & Associates, Inc.

Task No.	ACTIVITY	MAN HOURS													
		P	PM	CGE	SGE	SE	CA	SCE	CL	STE	ET/D	G	TOTAL		
2.1	General														0
2.2	Design Report														0
2.3	Field Survey														0
2.4	Geotechnical/Geophysical Work														0
2.5	Drawings (includes Design)														0
2.5.8	Detailed Design Summary Report														0
2.5.9	Specifications														0
2.5.11	Constructability Review														0
2.6	Easements														0
2.7	Supplemental														0
2.8	Bid Documents														0
2.9	O&P Permit To Install (PTI)														0
2.10	Other Permits, Plans, and Evaluations														0
2.11	Engineering During Const/Shop Dwg			34	34	34	35	14							117
2.11	Construction Management Services														0
2.11	Resident Project Representation Svr														0
	Total Hours	0	0	34	34	34	35	14	0	0	0	0	0	0	117

Principal (P) \$85.00 per hour
 Project Manager (PM) \$80.00 per hour
 Chief Geotechnical Engineer (CGE) \$80.00 per hour
 Senior Geotechnical Engineer (SGE) - Office \$58.00 per hour
 Structural Engineer (SE) \$47.00 per hour
 Construction Advisor (CA) \$84.00 per hour
 Senior Construction Engineer (SCE) \$65.00 per hour
 Clerical (CL) \$37.00 per hour
 Engineering Technician/Draftsman (ET/D) \$37.00 per hour
 Staff Engineer (STE) - Office \$27.00 per hour
 Geotechnical Eng./Eng. Geologist (G) \$34.00 per hour
 Senior Geotechnical Engineer (SGE) - Field \$58.00 per hour

APPENDIX
EXHIBIT E: COST SUMMARY

Part 2 Construction Management Services (Office) - October 1, 2008 to September 30, 2009

1. CITY: Department of Public Utilities		2. CIP: 430.1	3. VERSION:	
4. NAME OF CONSULTANT: LACHEL FELICE & Associates, Inc.		5. PROJECT TITLE: Big Walnut/Rickenbacker		
6. ADDRESS: 1667 Cole Blvd., Suite 220 Golden, CO 80401		7. TYPE OF CONTRACT Sanitary Interceptor Cost Plus Fixed Fee		
8. DIRECT LABOR (specify labor categories):	HOUR RATE	EST. HOURS	EST. COST	Totals
Principal (P)	\$85.00	0	\$0	
Project Manager (PM)	\$80.00	0	\$0	
Chief Geotechnical Engineer (CGE)	\$80.00	34	\$2,720	
Senior Geotechnical Engineer (SGE) - Office	\$58.00	34	\$1,972	
Structural Engineer (SE)	\$47.00	35	\$1,645	
Construction Advisor (CA)	\$84.00	0	\$0	
Senior Construction Engineer (SCE)	\$65.00	14	\$910	
Clerical (CL)	\$37.00	0	\$0	
Staff Engineer (STE) - Office	\$37.00	0	\$0	
Engineering Technician/Draftsman (ET/D)	\$27.00	0	\$0	
Geotechnical Eng./Eng. Geologist (G)	\$34.00	0	\$0	
Senior Geotechnical Engineer (SGE) - Field	\$58.00	0	\$0	
DIRECT LABOR TOTAL - FIELD:		0	\$0	\$0
DIRECT LABOR TOTAL - OFFICE:		117	\$7,247	\$7,247
9. INDIRECT COSTS	Rate	x DL Total	Est. Cost	
Payroll/Administrative - Office	1.47	\$7,247	\$10,653	
Payroll/Administrative - Field	1.45	\$0	\$0	
INDIRECT COSTS TOTAL:			\$10,653	\$10,653
10. OTHER DIRECT COSTS (ODC)	Qty.	Rate	Est. Cost	
a. Local Travel (Miles X Rate per Mile)	2,000	\$0.545	\$1,090	
b. Other Travel		Unit Cost	Est. Cost	
Air Fare		\$845.00	\$1,690	
Rental Car		\$55.00	\$330	
Lodging		\$100.00	\$600	
Meals		\$49.00	\$294	
Parking, Cab Fare, Miscellaneous		\$18.00	\$108	
Subtotal:			\$3,022	
c. Subcontracts			Est. Cost	
Subcontracts Subtotal:			\$0	
d. Other (specify categories)			Est. Cost	
Other Subtotal:			\$0	
e. OTHER DIRECT COSTS TOTAL:				\$4,112
11. TOTAL COST				\$22,012
12. FIXED FEE (including profit)	PERCENT AMOUNT:	10%		\$1,790
13. TOTAL PRICE				\$23,802
14. CONTINGENCY SERVICES @ 12% (Section 3.6)		Not included, as instructed		\$0
15. MAX REIMBURSEMENT FOR PTI				\$0
16. CONTRACT TOTAL				\$23,802

Exhibit D: BWOAS (Part 2) - Construction Inspection Services

PROJECT TITLE: Big Walnut Outfall Augmentation Sewer
 Part 1 Construction Management Services (Office) - October 1, 2008 to September 30, 2009
FIRM: LACHEL FELICE & Associates, Inc. CIP NO.: 430.1

Task No.	ACTIVITY	MAN HOURS													
		P	PM	CGE	SGE	SE	CA	SCE	CL	STE	ET/D	G	TOTAL		
2.1	General														0
2.2	Design Report														0
2.3	Field Survey														0
2.4	Geotechnical/Geophysical Work														0
2.5	Drawings (includes Design)														0
2.5.8	Detailed Design Summary Report														0
2.5.9	Specifications														0
2.5.11	Constructability Review														0
2.6	Easements														0
2.7	Supplemental														0
2.8	Bid Documents														0
2.9	OEPA Permit To Install (PTI)														0
2.10	Other Permits, Plans, and Evaluations														0
2.11	Engineering During Const/Shop Dwgs														0
2.11	Construction Management Services					60									60
2.11	Resident Project Representation Svr														0
	Total Hours	0	0	0	0	60	0	0	0	0	0	0	0	0	60

Principal (P)	\$85.00	per hour
Project Manager (PM)	\$80.00	per hour
Chief Geotechnical Engineer (CGE)	\$80.00	per hour
Senior Geotechnical Engineer (SGE) - Office	\$58.00	per hour
Structural Engineer (SE)	\$47.00	per hour
Construction Advisor (CA)	\$84.00	per hour
Senior Construction Engineer (SCE)	\$65.00	per hour
Clerical (CL)	\$37.00	per hour
Engineering Technician/Draftsman (ET/D)	\$37.00	per hour
Staff Engineer (STE) - Office	\$27.00	per hour
Geotechnical Eng./Eng. Geologist (G)	\$34.00	per hour
Senior Geotechnical Engineer (SGE) - Field	\$58.00	per hour

APPENDIX
EXHIBIT E: COST SUMMARY

Part 2 Construction Inspection Services (Field) - October 1, 2008 to September 30, 2009

1. CITY: Department of Public Utilities		2. CIP: 430.1	3. VERSION:	
4. NAME OF CONSULTANT: LACHEL FELICE & Associates, Inc.		5. PROJECT TITLE: Big Walnut/Rickenbacker Sanitary Interceptor		
6. ADDRESS: 1667 Cole Blvd., Suite 220 Golden, CO 80401		7. TYPE OF CONTRACT Cost Plus Fixed Fee		
8. DIRECT LABOR (specify labor categories):	HOUR RATE	EST. HOURS	EST. COST	Totals
Principal (P)	\$85.00	0	\$0	
Project Manager (PM)	\$80.00	0	\$0	
Chief Geotechnical Engineer (CGE)	\$80.00	0	\$0	
Senior Geotechnical Engineer (SGE) - Office	\$58.00	0	\$0	
Structural Engineer (SE)	\$47.00	0	\$0	
Construction Advisor (CA)	\$84.00	0	\$0	
Senior Construction Engineer (SCE)	\$65.00	0	\$0	
Clerical (CL)	\$37.00	0	\$0	
Staff Engineer (STE) - Office	\$37.00	0	\$0	
Engineering Technician/Draftsman (ET/D)	\$27.00	0	\$0	
Geotechnical Eng./Eng. Geologist (G)	\$34.00	0	\$0	
Senior Geotechnical Engineer (SGE) - Field	\$58.00	60	\$3,480	
DIRECT LABOR TOTAL - FIELD:		60	\$3,480	\$3,480
DIRECT LABOR TOTAL - OFFICE:		0	\$0	\$0
9. INDIRECT COSTS	Rate	x DL Total		
Payroll/Administrative - Office	1.47	\$0	\$0	
Payroll/Administrative - Field	1.45	\$3,480	\$5,046	
INDIRECT COSTS TOTAL:			\$5,046	\$5,046
10. OTHER DIRECT COSTS (ODC)	Qty.	Rate	Est. Cost	
a. Local Travel (Miles X Rate per Mile)		\$0.395	\$0	
b. Other Travel		Unit Cost	Est. Cost	
Air Fare				
Rental Car				
Lodging				
Meals				
Parking, Cab Fare, Miscellaneous				
Subtotal:			\$0	
c. Subcontracts			Est. Cost	
Subcontracts Subtotal:			\$0	
d. Other (specify categories)			Est. Cost	
Other Subtotal:			\$0	
e. OTHER DIRECT COSTS TOTAL:				\$0
11. TOTAL COST				\$8,526
12. FIXED FEE (including profit)	PERCENT AMOUNT:	10%		\$853
13. TOTAL PRICE				\$9,379
14. CONTINGENCY SERVICES @ 12% (Section 3.6)		Not included, as instructed		\$0
15. MAX REIMBURSEMENT FOR PTI				\$0
16. CONTRACT TOTAL				\$9,379