

SCHEDULE 2A.1 ENGINEERING COST SUMMARY					
1.	CITY COLUMBUS, OHIO DEPT. OF PUBLIC UTILITIES		2. CIP NO.: 690236-100165 CT NO.:		3. VERSION: Negotiation
4.	NAME OF CONSULTANT: AECOM Technical Services, Inc.	5. PROJECT TITLE:	Beechwood Road Area Water Line Improvements		
6.	ADDRESS: 277 W. Nationwide Blvd Columbus, OH 43215	7. TYPE OF CONTRACT: DIRECT HOURLY W/MULTIPLIER			
8.	DIRECT LABOR:	EST. HRS.	HOURLY RATE	SUBTOTAL	EXTENDED TOTAL
	Project Manager	108	\$94.00	\$10,152.00	
	Senior Project Engineer	320	\$70.00	\$22,400.00	
	Design Engineer	712	\$57.00	\$40,584.00	
	Clerical	8	\$35.00	\$280.00	
	DIRECT LABOR TOTAL:				\$73,416.00
9.	INDIRECT LABOR:	Overhead & Administrative (a)	Profit (b)	Indirect Cost & Profit Multiplier (a + b) + (a * b)	EXTENDED TOTALS
		1.72727	0.10	2.00	
	INDIRECT LABOR + PROFIT TOTAL:				\$146,832.00
10.	TOTAL LABOR + PROFIT COSTS (item 8 + item 9) (or 1 + Indirect Cost & Profit Multiplier):				\$220,248.00
11.	OTHER DIRECT COSTS:			EST. COST	
	a. TRAVEL				
	MILEAGE: 0 miles x \$0.67 / mile			\$0.00	
	AIRFARE:			\$0.00	
	a. TRAVEL SUBTOTAL:			\$0.00	
	b. EQUIPMENT, MATERIALS, SUPPLIES (EMS) (List itemized breakdown below or on Schedule 2A-2 Expenses)			EST. COST	
				\$0.00	
				\$0.00	
	b. EMS SUBTOTAL:			\$0.00	
	c. SUBCONTRACTS			EST. COST	
	Dynotec, Inc.			\$95,579.82	
	Coldwater Consulting, LLC			\$21,744.00	
	c. SUB SUBTOTAL:			\$117,323.82	
	d. OTHER (Specify categories) OEPA Self-Certification Review Fee			EST. COST	
				\$188.52	
	d. OTHER SUBTOTAL:			\$188.52	
	e. TOTAL OTHER DIRECT COSTS TOTAL (items a through d):				\$117,512.34
12.	TOTAL COST (item 10 + 11)				\$337,760.34
13.	ADA Curb Ramp Design				\$45,068.25
14.					
15.					
16.	CONTINGENCY (15% of Item 12)				\$50,664.05
17.	MAXIMUM FEE (items 12 through 16)				\$433,492.64

SCHEDULE 2A.2 ENGINEERING COST SUMMARY					
1.	CITY COLUMBUS, OHIO DEPT. OF PUBLIC UTILITIES		2. CIP NO.: 690236-100165 CT NO.:		3. VERSION: Negotiation
4.	NAME OF CONSULTANT: Dynotec, Inc	5. PROJECT TITLE:	Beechwood Road Area Water Line Improvements		
6.	ADDRESS: 2931 E. Dublin Granville Road, Suite 200 Columbus, OH 43231		7. TYPE OF CONTRACT: DIRECT HOURLY W/MULTIPLIER		
8.	DIRECT LABOR:	EST. HRS.	HOURLY RATE	SUBTOTAL	EXTENDED TOTAL
	Project Manager	4	\$102.26	\$409.04	
	Drafter	280	\$33.28	\$9,318.40	
	Registered Surveyor	40	\$59.80	\$2,392.00	
	2-Man Field Crews (FP2)	280	\$68.85	\$19,278.00	
	DIRECT LABOR TOTAL:				\$31,397.44
9.	INDIRECT LABOR:	Overhead & Administrative (a)	Profit (b)	Indirect Cost & Profit Multiplier (a + b) + (a * b)	EXTENDED TOTALS
		1.72727	0.10	2.00	
	INDIRECT LABOR + PROFIT TOTAL:				\$62,794.88
10.	1 + Indirect Cost & Profit Multiplier):				\$94,192.32
11.	OTHER DIRECT COSTS:			EST. COST	
	a. TRAVEL				
	MILEAGE: 250 miles x \$ 0.67 / mile			\$167.50	
	AIRFARE:			\$0.00	
	a. TRAVEL SUBTOTAL:			\$167.50	
	b. EQUIPMENT, MATERIALS, SUPPLIES (EMS)			EST. COST	
	Survey Equipment (GPS Unit, Robotic Total Station, Data Collector)			\$1,120.00	
	Materials & Supplies (mags, lathe, pins, ribbon, paint)			\$100.00	
				\$0.00	
	b. EMS SUBTOTAL:			\$1,220.00	
	c. SUBCONTRACTS			EST. COST	
				\$0.00	
				\$0.00	
	c. SUB SUBTOTAL:			\$0.00	
	d. OTHER (Specify categories)			EST. COST	
				\$0.00	
				\$0.00	
	d. OTHER SUBTOTAL:			\$0.00	
	e. TOTAL OTHER DIRECT COSTS TOTAL (items a through d):				\$1,387.50
12.	TOTAL COST (item 10 + 11)				\$95,579.82
13.					
14.					\$0.00
15.					\$0.00
16.					\$0.00
17.	MAXIMUM FEE (items 12 through 16)				\$95,579.82

**SCHEDULE 2A.3
ENGINEERING COST SUMMARY**

1.	CITY COLUMBUS, OHIO DEPT. OF PUBLIC UTILITIES	2. CIP NO.: 690236-100165 CT NO.:	3. VERSION: Negotiation
4.	NAME OF CONSULTANT: Coldwater Consulting, LLC	5. PROJECT TITLE:	Beechwood Road Area Water Line Improvements
6.	ADDRESS: 995 South High St Columbus, OH 43206	7. TYPE OF CONTRACT: DIRECT HOURLY W/MULTIPLIER	
8.	DIRECT LABOR:	EST. HRS.	HOURLY RATE
	Senior Project Engineer	48	\$75.00
	Design Engineer	96	\$38.00
	DIRECT LABOR TOTAL:		\$7,248.00
9.	INDIRECT LABOR:	Overhead & Administrative (a)	Indirect Cost & Profit Multiplier (a + b) + (a * b)
		1.72727	0.10
		2.00	
	INDIRECT LABOR + PROFIT TOTAL:		\$14,496.00
10.	1 + Indirect Cost & Profit Multiplier):		\$21,744.00
11.	OTHER DIRECT COSTS:		EST. COST
	a. TRAVEL		
	MILEAGE: 0 miles x \$ 0.67 / mile	\$0.00	
	AIRFARE:	\$0.00	
	a. TRAVEL SUBTOTAL:	\$0.00	
	b. EQUIPMENT, MATERIALS, SUPPLIES (EMS)	EST. COST	
	Survey Equipment (GPS Unit, Robotic Total Station, Data Collector)	\$0.00	
	Materials & Supplies (mags, lathe, pins, ribbon, paint)	\$0.00	
	b. EMS SUBTOTAL:	\$0.00	
	c. SUBCONTRACTS	EST. COST	
		\$0.00	
		\$0.00	
	c. SUB SUBTOTAL:	\$0.00	
	d. OTHER (Specify categories)	EST. COST	
		\$0.00	
		\$0.00	
	d. OTHER SUBTOTAL:	\$0.00	
	e. TOTAL OTHER DIRECT COSTS TOTAL (items a through d):		\$0.00
12.	TOTAL COST (item 10 + 11)		\$21,744.00
13.			
14.			\$0.00
15.			\$0.00
16.			\$0.00
17.	MAXIMUM FEE (items 12 through 16)		\$21,744.00

SCHEDULE 2A.4
ENGINEERING COST SUMMARY

1.	CITY COLUMBUS, OHIO DEPT. OF PUBLIC UTILITIES	2. CIP NO.: 690236-100165 CT NO.:	3. VERSION: Negotiation				
4.	NAME OF CONSULTANT: AECOM Technical Services, Inc.	5. PROJECT TITLE:	Beechwood Road Area Water Line Improvements (ADA Curb Ramp Design - If Authorized)				
6.	ADDRESS: 277 W. Nationwide Blvd Columbus, OH 43215	7. TYPE OF CONTRACT: DIRECT HOURLY W/MULTIPLIER					
8.	DIRECT LABOR:	EST. HRS.	HOURLY RATE	SUBTOTAL	EXTENDED TOTAL		
	Senior Project Engineer	25	\$70.00	\$1,750.00			
	DIRECT LABOR TOTAL:				\$1,750.00		
9.	INDIRECT LABOR:	Overhead & Administrative (a)	Profit (b)	Indirect Cost & Profit Multiplier (a + b) + (a * b)	EXTENDED TOTALS		
		1.72727	0.10	2.00			
		INDIRECT LABOR + PROFIT TOTAL:				\$3,500.00	
10.	TOTAL LABOR + PROFIT COSTS (item 8 + item 9) (or 1 + Indirect Cost & Profit Multiplier):				\$5,250.00		
11.	OTHER DIRECT COSTS:			EST. COST			
	a. TRAVEL MILEAGE: 0 miles x \$0.67 / mile AIRFARE:			\$0.00 \$0.00			
	a. TRAVEL SUBTOTAL:			\$0.00			
	b. EQUIPMENT, MATERIALS, SUPPLIES (EMS) (List itemized breakdown below or on Schedule 2A-2 Expenses)			EST. COST \$0.00 \$0.00 \$0.00			
	b. EMS SUBTOTAL:			\$0.00			
	c. SUBCONTRACTS Dynotec, Inc.			EST. COST \$39,818.25			
	c. SUB SUBTOTAL:			\$39,818.25			
	d. OTHER (Specify categories) OEPA Self-Certification Review Fee			EST. COST \$0.00			
	d. OTHER SUBTOTAL:			\$0.00			
	e. TOTAL OTHER DIRECT COSTS TOTAL (items a through d):					\$39,818.25	
	12.	TOTAL COST (item 10 + 11)				\$45,068.25	
	13.						
	14.						
15.							
16.							
17.	MAXIMUM FEE (items 12 through 16)				\$45,068.25		

SCHEDULE 2A.5
ENGINEERING COST SUMMARY

1.	CITY COLUMBUS, OHIO DEPT. OF PUBLIC UTILITIES	2. CIP NO.: 690236-100165 CT NO.:	3. VERSION: Negotiation
4.	NAME OF CONSULTANT: Dynotec, Inc	5. PROJECT TITLE:	Beechwood Road Area Water Line Improvements (ADA Curb Ramp Design - If Authorized)
6.	ADDRESS: 2931 E. Dublin Granville Road, Suite 200 Columbus, OH 43231	7. TYPE OF CONTRACT: DIRECT HOURLY W/MULTIPLIER	
8.	DIRECT LABOR:	EST. HRS.	HOURLY RATE
	Project Engineer	225	\$58.99
	DIRECT LABOR TOTAL:		\$13,272.75
9.	INDIRECT LABOR:	Overhead & Administrative (a)	Indirect Cost & Profit Multiplier (a + b) + (a * b)
		1.72727	0.10
	INDIRECT LABOR + PROFIT TOTAL:		\$26,545.50
10.	1 + Indirect Cost & Profit Multiplier):		\$39,818.25
11.	OTHER DIRECT COSTS:	EST. COST	
	a. TRAVEL		
	MILEAGE: 0 miles x \$ 0.67 / mile	\$0.00	
	AIRFARE:	\$0.00	
	a. TRAVEL SUBTOTAL:	\$0.00	
	b. EQUIPMENT, MATERIALS, SUPPLIES (EMS)	EST. COST	
	Survey Equipment (GPS Unit, Robotic Total Station, Data Collector)	\$0.00	
	Materials & Supplies (mags, lathe, pins, ribbon, paint)	\$0.00	
	b. EMS SUBTOTAL:	\$0.00	
	c. SUBCONTRACTS	EST. COST	
		\$0.00	
	c. SUB SUBTOTAL:	\$0.00	
	d. OTHER (Specify categories)	EST. COST	
		\$0.00	
	d. OTHER SUBTOTAL:	\$0.00	
	e. TOTAL OTHER DIRECT COSTS TOTAL (items a through d):		\$0.00
12.	TOTAL COST (item 10 + 11)		\$39,818.25
13.			
14.			\$0.00
15.			\$0.00
16.			\$0.00
17.	MAXIMUM FEE (items 12 through 16)		\$39,818.25

UTILIZATION REPORTING FORM											
Project Detail Summary											
Project A	Project Name:	Beechwood Road Area Water Line Improvements	Department:	Public Utilities	Ordinance Number:		Invoice Number:				
	Project Number:	CIP No. 690236-100165, Contract No. 2388	Division:	DOW	Purchase Order Amount:	\$433,492.64	Comments/Notes:				
	City PM and Phone Number:	Erik Briedis, 614-645-1726	Section:	Water Distribution	PO# (Suffix/Line #):	PO					
LOAN FUNDED PROJECTS ARE REQUIRED TO HAVE A SEPARATE SUBCONTRACTOR WORK IDENTIFICATION FORM - UTILIZATION REPORTING FORM FOR EACH LOAN							Purchase Order Amount(s) Grand Total: \$433,492.64				
Prime and Subcontractor Utilization Summary											
	Name / Address	Contact Information	Federal Tax ID# / Expiration Date	Firm Type / DAX Vendor #	Contract Scope	Original Utilization Amount / Percentage	Revised Utilization Amount / Percentage	Previous Amount Earned To Date	Amount Earned This Invoice	Total Amount Earned	Balance Remaining
PRIME	AECOM Technical Services, Inc. 277 W. Nationwide Blvd Columbus, Ohio 43215	Brian Schmude 614-600-5990 brian.schmude@aecom.com	95-2661922 CC-010897	MAJ 010897	Design	\$ 276,350.57				\$ -	\$ 276,350.57
			CC61922-11350 5/28/2026			63.75%					
SUB 1	Dynotec, Inc 2931 E. Dublin-Granville Rd Suite 200 Columbus, Ohio 43231	Sutha Vallipuram 614-880-7320 suthav@dynotecinc.com	31-1319961 CCCN 005053	MBE 005053	Survey ADA Ramps	\$ 135,398.07				\$ -	\$ 135,398.07
			2/12/2026		-	31.23%					
SUB 2	Coldwater Consulting, LLC 995 South High Street Columbus, Ohio 43206	Eric Onderak 614-937-2614 eonderak@coldwaterconsultants.com	27-3377013 CCCN 003198	FBE 003198	Natural Resources Professional	\$ 21,744.00				\$ -	\$ 21,744.00
			1/4/2025			5.02%					
Last Updated By:					TOTAL AMOUNT	\$ 433,492.64	\$ -	\$ -	\$ -	\$ -	\$ 433,492.64
Last Updated On:					Total Percentage	100.00%	#DIV/0!	0.00%	0.00%	0.00%	100.00%

SCHEDULE 2B
MAXIMUM LABOR RATES
2025 - 2027

BEECHWOOD ROAD AREA WATER LINE IMPROVEMENTS
CIP NO. 690236-100165

	Position Description	Hourly Rate 2025	Hourly Rate 2026	Hourly Rate 2027
AECOM Technical Services, Inc.	Principal	\$120.00	\$126.00	\$133.00
	Project Manager	\$94.00	\$99.00	\$104.00
	Senior Project Engineer	\$70.00	\$74.00	\$78.00
	Project Engineer	\$62.00	\$66.00	\$70.00
	Design Engineer	\$57.00	\$60.00	\$63.00
	Eng. Technician	\$45.00	\$48.00	\$51.00
	Drafter	\$37.50	\$40.00	\$42.00
	Clerical	\$35.00	\$37.00	\$39.00
Dynotec, Inc.	Principal	\$106.49	\$111.81	\$117.41
	Project Manager	\$102.26	\$107.37	\$112.74
	Senior Project Engineer	\$70.75	\$74.29	\$78.00
	Project Engineer	\$58.99	\$61.94	\$65.04
	Design Engineer	\$46.45	\$48.77	\$51.21
	Eng. Technician	\$43.23	\$45.39	\$47.66
	Drafter	\$42.86	\$45.00	\$47.25
	Clerical	\$29.18	\$30.64	\$32.17
	Registered Surveyor	\$60.82	\$63.86	\$67.05
	2-Man Field Crews (FP2)	\$83.35	\$87.52	\$91.89
Coldwater Consulting, LLC	Principal	\$92.00	\$96.60	\$101.43
	Project Manager	\$75.00	\$78.75	\$82.69
	Senior Project Engineer	\$88.00	\$92.40	\$97.02
	Project Engineer	\$50.00	\$52.50	\$55.13
	Design Engineer	\$42.00	\$44.10	\$46.31
	Eng. Technician	\$38.00	\$39.90	\$41.90
	Drafter	\$40.00	\$42.00	\$44.10
	Clerical	\$35.00	\$36.75	\$38.59

SCHEDULE 3
PROJECT SCHEDULE
BEECHWOOD ROAD AREA WATER LINE IMPROVEMENTS
CIP NO. 690236-100165, CONTRACT NO. 2388

[illegible]

Firm: Team

<p align="center">Schedule 4 Hourly Task Breakdown Project Title: Beechwood Road Area Water Line Improvements CIP No: 690236-100165</p>													
TASK NO.	ACTIVITY	LABOR HOURS											
		PR	PM	SPE	PE	DE	ET	DR	CL	RS	FP	FP2	TOTAL
2.1	Project Management		8	24					8				40
2.2	Meetings		12	12		12							36
2.3	Site Survey		4	16		32		280		40		280	652
2.4	Preliminary/Final Water Main Design Summary		24	80		160							264
2.5	Plan Preparation		30	184		508							722
2.6	Maintenance of Traffic		8	12		40							60
2.7	ADA Curb Ramp Design (If Authorized)			25	225								250
2.8	Submission of Design Deliverables			20		40							60
2.9	Bid Support		6	20		16							42
2.10	Stormwater Pollution Prevention Plan*												
2.11	QA/QC Review		20										20
	Total Hours (Authorized)		112	368		808		280	8	40		280	1896
	Total Hours (If Authorized)			25	225								250

*Less than 1 acre is anticipated to be disturbed for the installation of the waterline. As such, a SWPPP is not anticipated to be required but erosion control drawings expected as prt of 2.5

PR - Principal
PM - Project Manager

SPE - Senior Project Engineer
PE - Project Engineer

DE - Design Engineer
ET - Eng. Technician

DR - Drafter
CL - Clerical

RS - Registered Surveyor
FP2 - 2-Man Field Crew

Firm: AECOM Technical Services, Inc.

<p align="center">Schedule 4 Hourly Task Breakdown Project Title: Beechwood Road Area Water Line Improvements CIP No: 690236-100165</p>													
TASK NO.	ACTIVITY	LABOR HOURS											
		PR	PM	SPE	PE	DE	ET	DR	CL	RS	FP	FP2	TOTAL
2.1	Project Management		8	24					8				40
2.2	Meetings		12	12		12							36
2.3	Site Survey												
2.4	Preliminary/Final Water Main Design Summary		24	80		160							264
2.5	Plan Preparation		30	160		460							650
2.6	Maintenance of Traffic		8	12		40							60
2.7	ADA Curb Ramp Design (If Authorized)			25									25
2.8	Submission of Design Deliverables			20		40							60
2.9	Bid Support		6	12									18
2.10	Stormwater Pollution Prevention Plan*												
2.11	QA/QC Review		20										20
	Total Hours (Authorized)		108	320		712			8				1148
	Total Hours (If Authorized)			25									25

*Less than 1 acre is anticipated to be disturbed for the installation of the waterline. As such, a SWPPP is not anticipated to be required but erosion control drawings expected as prt of 2.5

PR - Principal
PM - Project Manager

SPE - Senior Project Engineer
PE - Project Engineer

DE - Design Engineer
ET - Eng. Technician

DR - Drafter
CL - Clerical

RS - Registered Surveyor
FP2 - 2-Man Field Crew

Firm: Dynotec, Inc.

<p align="center">Schedule 4 Hourly Task Breakdown Project Title: Beechwood Road Area Water Line Improvements CIP No: 690236-100165</p>													
TASK NO.	ACTIVITY	LABOR HOURS											
		PR	PM	SPE	PE	DE	ET	DR	CL	RS	FP	FP2	TOTAL
2.1	Project Management												
2.2	Meetings												
2.3	Site Survey		4					280		40		280	604
2.4	Preliminary/Final Water Main Design Summary												
2.5	Plan Preparation												
2.6	Maintenance of Traffic												
2.7	ADA Curb Ramp Design (If Authorized)				225								225
2.8	Submission of Design Deliverables												
2.9	Bid Support												
2.10	Stormwater Pollution Prevention Plan*												
2.11	QA/QC Review												
	Total Hours (Authorized)		4					280		40		280	604
	Total Hours (If Authorized)				225								225

*Less than 1 acre is anticipated to be disturbed for the installation of the waterline. As such, a SWPPP is not anticipated to be required but erosion control drawings expected as prt of 2.5

PR - Principal
PM - Project Manager

SPE - Senior Project Engineer
PE - Project Engineer

DE - Design Engineer
ET - Eng. Technician

DR - Drafter
CL - Clerical

RS - Registered Surveyor
FP2 - 2-Man Field Crew

Firm: Coldwater Consulting, LLC

<p align="center">Schedule 4 Hourly Task Breakdown Project Title: Beechwood Road Area Water Line Improvements CIP No: 690236-100165</p>													
TASK NO.	ACTIVITY	LABOR HOURS											
		PR	PM	SPE	PE	DE	ET	DR	CL	RS	FP	FP2	TOTAL
2.1	Project Management												
2.2	Meetings												
2.3	Site Survey			16		32							48
2.4	Preliminary/Final Water Main Design Summary												
2.5	Plan Preparation			24		48							72
2.6	Maintenance of Traffic												
2.7	ADA Curb Ramp Design (If Authorized)												
2.8	Submission of Design Deliverables												
2.9	Bid Support			8		16							24
2.10	Stormwater Pollution Prevention Plan*												
2.11	QA/QC Review												
	Total Hours (Authorized)			48		96							144
	Total Hours (If Authorized)												

*Less than 1 acre is anticipated to be disturbed for the installation of the waterline. As such, a SWPPP is not anticipated to be required but erosion control drawings expected as prt of 2.5

PR - Principal
PM - Project Manager

SPE - Senior Project Engineer
PE - Project Engineer

DE - Design Engineer
ET - Eng. Technician

DR - Drafter
CL - Clerical

RS - Registered Surveyor
FP2 - 2-Man Field Crew