

# UTILIZATION REPORTING FORM

## Project Detail Summary

<b>Project A</b>	<b>Project Name:</b>	Plum Ridge Integrated Solutions, Phase 1 and Storm Sewer Improvements	<b>Department:</b>	Public Utilities	<b>Ordinance Number:</b>		<b>Invoice Number:</b>	
	<b>Project Number:</b>	650870-158191 & 611714-100000	<b>Division:</b>	DOSD	<b>Purchase Order Amount:</b>		<b>Comments/Notes:</b>	
	<b>City PM and Phone Number:</b>	James Howdysshell	<b>Section:</b>	Sanitary Collections	<b>PO# (Suffix/Line #):</b>			

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:** \$749,855.62

## Prime and Subcontractor Utilization Summary

	Name / Address	Contact Information	Federal Tax ID# / Expiration Date	Firm Type / DAX Vendor #	Contract Scope	Original Utilization Amount / Percentage	Utilization Amount /	Previous Amount Earned To Date	Amount Earned This Invoice	Amount Earned	Balance Remaining
PRIME	EMH&T 5500 New Albany Road Columbus, OH 43054	<b>Name: Sandy Doyle Ahern</b> email: sdoyleahern@emht.com phone: (614) 775- 4510	31-0685594 1/19/2020	MAJ 004214	Task A1- A7, A10, A16 - -	\$ 482,529.70  64.35%	  #DIV/0!	  0.00%	  0.00%	\$ -  0.00%	\$ 482,529.70  100.00%
SUB 1	Stantec Consulting Services, Inc. 1500 Lake Shore Drive, Suite 100 Columbus, OH 43204		11-2167170 8/1/2021	MAJ 000462	Task A1 - Task A2 Task A6 Task A7 Task A16	\$ 158,984.98  21.20%	  #DIV/0!	  0.00%	  0.00%	\$ -  0.00%	\$ 158,984.98  100.00%
SUB 2	DHDC Engineering Consulting Services 2390 Advanced Business Center Dr. Columbus, OH 43228		32-0376762 6/30/2021	MBE 006280	Task A1 - Task A2 Task A6 Task A16	\$ 57,159.62  7.62%	  #DIV/0!	  0.00%	  0.00%	\$ -  0.00%	\$ 57,159.62  100.00%
SUB 3	Ascension Construction Solutions 419 E. 13th Ave. Columbus, OH 43201		82-3075877 3/31/2021	MBE 023827	Task A1 Task A4 Task A6 Task A10 and A16	\$ 51,181.33  6.83%	  #DIV/0!	  0.00%	  0.00%	\$ -  0.00%	\$ 51,181.33  100.00%
SUB 4						0.00%	#DIV/0!	#DIV/0!	#DIV/0!	\$ -	\$ - #DIV/0!
SUB 5					- - -	0.0%	#DIV/0!	#DIV/0!	#DIV/0!	\$ -	\$ - #DIV/0!
SUB 6					- - -	\$0.00 0.0%	#DIV/0!	#DIV/0!	#DIV/0!	\$ -	\$ - #DIV/0!
SUB 7					- - -	\$0.00 0.0%	#DIV/0!	#DIV/0!	#DIV/0!	\$ -	\$ - #DIV/0!
<b>TOTAL AMOUNT</b>						<b>\$749,855.62</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 749,855.62</b>
<b>Total Percentage</b>						<b>100.00%</b>	<b>#DIV/0!</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>100.00%</b>

Last Updated By: M. Bland  
Last Updated On: 10/16/2019

**SCHEDULE 2B MAXIMUM HOURLY RATE SCHEDULE**

**2019-2022**

**PLUM RIDGE INTEGRATED SOLUTIONS PROJECT, PHASE 1 AND PLUM RIDGE STORM WATER IMPROVEMENTS**

**CIP 650870-158191 and 611714-10000**

FIRM	Position Description	YEAR			
		2019	2020	2021	2022
<b>EMH&amp;T</b>	Principal (PR)	\$105.00	\$110.25	\$115.76	\$121.55
	Project Manager (PM)	\$63.50	\$66.68	\$70.01	\$73.51
	Senior Surveyor (SS)	\$53.00	\$55.65	\$58.43	\$61.35
	Senior Engineer (SE)	\$54.00	\$56.70	\$59.54	\$62.51
	Project Engineer (PE)	\$48.00	\$50.40	\$52.92	\$55.57
	Design Engineer (DE)	\$37.00	\$38.85	\$40.79	\$42.83
	Engr. Technician (ET)	\$28.00	\$29.40	\$30.87	\$32.41
	CAD Operator (D1)	\$32.00	\$33.60	\$35.28	\$37.04
	Clerical (DL)	\$25.00	\$26.25	\$27.56	\$28.94
	Registered Surveyor (RS)	\$43.00	\$45.15	\$47.41	\$49.78
	2-Man Crews	\$65.00	\$68.25	\$71.66	\$75.25
	3-Man Crew	\$85.00	\$89.25	\$93.71	\$98.40
	Field Technician	\$26.00	\$27.30	\$28.67	\$30.10
FIRM	Position Description	YEAR			
		2019	2020	2021	2022
<b>STANTEC</b>	Principal (PR)	\$120.00	\$125.00	\$130.00	\$135.00
	Project Manager (PM)	\$80.00	\$83.00	\$87.00	\$90.00
	Senior Surveyor (SS)	\$80.00	\$83.00	\$87.00	\$90.00
	Senior Engineer (SE)	\$90.00	\$94.00	\$97.00	\$101.00
	Project Engineer (PE)	\$70.00	\$73.00	\$76.00	\$79.00
	Design Engineer (DE)	\$50.00	\$52.00	\$54.00	\$56.00
	Engr. Technician (ET)	\$38.00	\$40.00	\$41.00	\$43.00
	CAD Operator (D1)	\$40.00	\$42.00	\$43.00	\$45.00
	Clerical (DL)	\$30.00	\$31.00	\$32.00	\$34.00
	Registered Surveyor (RS)	\$60.00	\$62.00	\$65.00	\$67.00
	2-Man Crews	\$73.00	\$76.00	\$79.00	\$82.00
	1-Man Crew	\$36.50	\$38.00	\$39.50	\$41.00
	Field Technician	\$40.00	\$42.00	\$43.00	\$45.00
FIRM	Position Description	YEAR			
		2019	2020	2021	2022
<b>DHDC</b>	Project Manager (PM)	\$45.00	\$45.25	\$45.50	\$45.75
	Project Engineer (PE)	\$43.00	\$43.25	\$43.50	\$43.75
	CAD Operator (D1)	\$25.00	\$25.25	\$25.50	\$25.75
	Field Technician (FT)	\$30.00	\$30.25	\$30.50	\$30.75
	Clerical (CL)	\$22.00	\$22.25	\$22.50	\$22.75
FIRM	Position Description	YEAR			
		2019	2020	2021	2022
<b>Ascension</b>	Project Manager (PM)	\$52.00	\$53.56	\$55.17	\$56.82
	Project Engineer (PE)	\$37.50	\$38.63	\$39.78	\$40.98
	CAD Operator (D1)	\$0.00	\$0.00	\$0.00	\$0.00
	Field Technician (FT)	\$39.00	\$40.17	\$41.38	\$42.62
	Clerical (CL)	\$30.00	\$30.90	\$31.83	\$32.78

**SCHEDULE 2A (1)  
ENGINEERING COST SUMMARY**

<b>1. CITY COLUMBUS, OHIO</b> <b>DEPART. OF PUBLIC UTILITIES</b>	<b>2. CIP NO.</b> 650870-158191 & 611714-100000 <b>CT NO.</b>	<b>3. VERSION:</b> 10/22/2019		
<b>4. NAME OF CONSULTANT:</b> EMH&T TEAM	<b>5. PROJECT TITLE:</b> Blueprint Plum Ridge Integrated Solutions, Phase 1 & Plum Ridge Storm Sewer Improvements			
<b>6. ADDRESS:</b> 5500 New Albany Road Columbus, Ohio 43054	<b>7. TYPE OF CONTRACT:</b> <b>DIRECT HOURLY W/ MULTIPLIER</b>			
<b>8. DIRECT LABOR:</b>	EST. HRS.	HOURLY RATE	SUBTOTAL	EXTENDED TOTAL
Project Manager (PM)	277	\$66.68	\$ 18,468.98	
Senior Surveyor (SS)	0	\$55.65	-	
Senior Engineer (SE)	391	\$56.70	22,169.70	
Project Engineer (PE)	486	\$50.40	24,494.40	
Design Engineer (DE)	0	\$38.85	-	
Engr. Technician (ET)	612	\$29.40	17,992.80	
CAD Operator (D1)	412	\$33.60	13,843.20	
Clerical (DL)	8	\$26.25	210.00	
Registered Surveyor (RS)	0	\$45.15	-	
2-Man Crews	0	\$68.25	-	
3-Man Crew	0	\$89.25	-	
Field Technician	0	\$27.30	-	
			<b>DIRECT LABOR TOTAL:</b>	\$ 97,179.08
<b>9. INDIRECT LABOR:</b>	Overhead & Administrative (a)	Profit (b)	Indirect Cost & Profit Multiplier (a+b)+(a*b)	EXTENDED TOTALS
	1.7123	0.1	1.98353	
			<b>INDIRECT LABOR + PROFIT TOTAL:</b>	\$ 192,757.61
<b>10. TOTAL LABOR + PROFIT COSTS (item 8 + item 9)</b>	<b>(or 1 + Indirect Cost + Multiplier):</b>			\$ 289,936.69
<b>11. OTHER DIRECT COSTS</b>	<b>EST. COST</b>			
<b>a. TRAVEL</b>				
MILEAGE: # miles x \$ (IRS rate @ date of travel) / mile			\$0.00	
AIRFARE:			\$0.00	
<b>a. TRAVEL SUBTOTAL:</b>			<b>\$0.00</b>	
<b>b. EQUIPMENT, MATERIALS, SUPPLIES (EMS)</b>				
(List itemized breakdown below or on Schedule 2A-2 Expenses)				
			\$2,700.00	
			\$0.00	
			\$0.00	
<b>b. EMS SUBTOTAL:</b>			<b>\$2,700.00</b>	
<b>c. Subcontracts</b>				
<b>Stantec</b>			\$ 158,984.98	
<b>DHDC - Field Investigations</b>			\$ 57,159.62	
<b>Ascension - Office work</b>			\$ 12,431.33	
<b>c. SUB SUBTOTAL:</b>			<b>\$ 228,575.93</b>	
<b>d. Other (Specify categories)</b>				
Sewer Cleaning & CCTV			\$64,243.25	
Inlet Inspections (Ascension)			\$25,800.00	
Inlet Cleaning			\$8,600.00	
Manhole Inspections (Ascension)			\$12,950.00	
Manhole Cleaning			\$3,700.00	
<b>d. OTHERS SUBTOTAL:</b>			<b>\$115,293.25</b>	
			<b>OTHER DIRECT COSTS TOTAL:</b>	<b>\$346,569.18</b>
<b>12. TOTAL COST (item 10+11)</b>				\$ 636,505.86
<b>13. Flow Control "If Authorized"</b>				\$ 2,500.00
<b>14. Heavy Cleaning "If Authorized"</b>				\$ 58,703.50
<b>15. Sonde Locates "If Authorized"</b>				\$ 25.00
<b>16. CONTINGENCY (10% Engineering Costs)</b>				\$ 52,121.26
<b>17. MAXIMUM FEE (items 12 through 16)</b>				<b>\$ 749,855.62</b>

**SCHEDULE 2A-2 - EMHT  
EXPENSES**

**PLUM RIDGE INTEGRATED SOLUTIONS, PHASE 1 AND STORM SEWER IMPROVEMENTS  
CIP NO. 650870-158191 611714-10000, CONTRACT No. XXXX**

Task	Description						Cost	
A3	Flash Drives for Data Transfer	Each	2			Cost:	\$ 50.00	\$100.00
A6	Reproduction - PDR	Each	4	Pages:	1000	Rate:	\$ 0.50	\$2,000.00
A7	Reproduction - Draft Plans	Each	10	Pages:	60	Rate:	\$ 1.00	\$600.00
	Subtotal Expenses							\$2,700.00

1.	<b>CITY COLUMBUS, OHIO</b> <b>DEPART. OF PUBLIC UTILITIES</b>	2. CIP NO. 650870-158191 & 611714-100000 CT NO.	3. VERSION: 10/22/2019		
4.	<b>NAME OF CONSULTANT:</b> Stantec	5. PROJECT TITLE: Blueprint Plum Ridge Integrated Solutions, Phase 1 & Ridge Storm Sewer Improvements Plum			
6.	<b>ADDRESS:</b> 1500 Lake Shore Drive Suite 100 Columbus, Ohio 4324	7. TYPE OF CONTRACT: <b>DIRECT HOURLY W/ MULTIPLIER</b>			
8.	<b>DIRECT LABOR:</b>	EST. HRS.	HOURLY RATE	SUBTOTAL	EXTENDED TOTAL
	Project Manager (PM)	92	\$75.36	\$ 6,933.12	
	Senior Surveyor (SS)	0	\$75.36	\$ -	
	Senior Engineer (SE)	0	\$66.26	\$ -	
	Project Engineer (PE)	18	\$46.83	\$ 842.94	
	Design Engineer (DE)	26	\$37.60	\$ 977.60	
	Engr. Technician (ET)	305	\$36.09	\$ 11,007.45	
	CAD Operator (D1)	128	\$32.88	\$ 4,208.64	
	Clerical (DL)	17	\$27.49	\$ 467.33	
	Registered Surveyor (RS)	64	\$47.51	\$ 3,040.64	
	2-Man Crews	285	\$72.00	\$ 20,520.00	
	1-Man Crew	75	\$36.00	\$ 2,700.00	
	Field Technician	16	\$36.00	\$ 576.00	
				<b>DIRECT LABOR TOTAL:</b>	\$ 51,273.72
9.	<b>INDIRECT LABOR:</b>	Overhead & Administrative (a)	Profit (b)	Indirect Cost & Profit Multiplier (a+b)+(a*b)	EXTENDED TOTALS
		1.73	0.1	2.003	
		<b>INDIRECT LABOR + PROFIT TOTAL:</b>			\$ 102,701.26
10.	<b>TOTAL LABOR + PROFIT COSTS (item 8 + item 9)</b> <b>(or 1 + Indirect Cost + Multiplier):</b>				\$ 153,974.98
11.	<b>OTHER DIRECT COSTS</b>	EST. COST			
	a. TRAVEL				
	MILEAGE: 2000 x \$ (IRS rate @ date of travel) / mile				\$1,160.00
	AIRFARE:				\$0.00
	a. TRAVEL SUBTOTAL:				<b>\$1,160.00</b>
	b. EQUIPMENT, MATERIALS, SUPPLIES (EMS)	EST. COST			
	Reproduction				\$350.00
	Equipment Rental				\$3,500.00
					\$0.00
	b. EMS SUBTOTAL:				<b>\$3,850.00</b>
	c. Subcontracts				
	Stantec				\$0.00
	DHDC - Field Investigations				\$0.00
	Ascension - Office work				\$0.00
	c. SUB SUBTOTAL:				<b>\$0.00</b>
	d. Other (Specify categories)				
	Sewer Cleaning & CCTV				\$0.00
	Inlet Inspections (Ascension)				\$0.00
	Inlet Cleaning				\$0.00
	Manhole Inspections (Ascension)				\$0.00
	Manhole Cleaning				\$0.00
	d. OTHERS SUBTOTAL:				<b>\$0.00</b>
	OTHER DIRECT COSTS TOTAL:				\$5,010.00
12.	TOTAL COST (item 10+11)				\$ 158,984.98
13.	Flow Control "If Authorized"				
14.	Heavy Cleaning "If Authorized"				
15.	Sonde Locates "If Authorized"				
16.	CONTINGENCY (10%)				
17.	<b>MAXIMUM FEE (items 12 through 16)</b>				<b>\$ 158,984.98</b>

**SCHEDULE 2A-2 - STANTEC  
EXPENSES**

**PLUM RIDGE INTEGRATED SOLUTIONS, PHASE 1 AND STORM SEWER IMPROVEMENTS  
CIP NO. 650870-158191 611714-10000, CONTRACT No. XXXX**

Task	Description							Cost
A2	Mileage	Each	2000	Pages:		Rate:	\$ 0.58	\$1,160.00
A2	Reproduction	Each	700	Pages:	1	Rate:	\$ 0.50	\$350.00
A2	Rental Equipment	Each	1	Pages:		Rate:	#####	\$3,500.00
	Subtotal Expenses							\$5,010.00







**SCHEDULE 2A-2 SEWER INSPECTION UNIT COSTS**

1. CITY: Dept. of Public Utilities	2. CIP NO : CIP 650870-158191 & 611714-100000	3. VERSION: 10/14/2019
4. NAME OF SUBCONTRACTOR: EMH&T	5. PROJECT TITLE: Plum Ridge Storm Sewer Improvements	
6. ADDRESS: 5500 New Albany Road, Columbus, Ohio 43054	7. TYPE OF CONTRACT: <b>Unit Costs</b>	

8.	SEWER SIZE D = Diameter ( inches )	Length ( feet )	CCTV ONLY*	Sewer Cleaning & CCTV		Sewer Heavy Cleaning**	
			Unit Price ( \$/ft )	Unit Price ( \$/ft )	Cost (\$)	Unit Price ( \$/ft )	Cost (\$)
	D < 8"	0	\$2.00	\$4.00	\$0.00	\$5.50	\$0.00
	8" ≤ D ≤ 12"	3,729	\$2.50	\$4.25	\$15,848.25	\$5.50	\$10,254.75
	15" ≤ D ≤ 18"	3,881	\$2.50	\$4.00	\$15,524.00	\$7.50	\$14,553.75
	20" ≤ D ≤ 27"	5,243	\$2.50	\$5.00	\$26,215.00	\$10.00	\$26,215.00
	30" ≤ D	1,024	\$3.00	\$6.50	\$6,656.00	\$15.00	\$7,680.00
		13,877	--	Subtotal:	\$64,243.25	SubTotal:	\$58,703.50

9.	Allowances	Qty.	Unit	Unit Cost	Cost
	Flow Control (If Authorized)	1	LS	\$2,500.00	\$2,500.00
**	Heavy Cleaning (If Authorized)	6,939	LF	-	\$58,703.50
	Sonde Locates (If Authorized)	25	EA	\$1.00	\$25.00
	Inlet Inspections	86	EA	\$300.00	\$25,800.00
	Inlet Cleaning	86	EA	\$100.00	\$8,600.00
	Manhole Inspections	37	EA	\$350.00	\$12,950.00
	Manhole Cleaning	37	EA	\$100.00	\$3,700.00

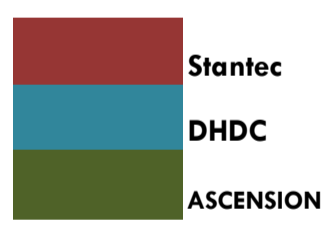
\* CCTV-Only Unit rates to be provided for use on an as-needed basis. Do not tabulate costs since the purpose is only to establish unit rates for this service. Do not anticipate duplicate mobilizations, will perform either CCTV & Sewer Cleaning or CCTV only.

\*\* Assume Heavy Sewer Cleaning needed for 50% of the pipe length for each pipe diameter when establishing unit rates. For instances of excessive heavy cleaning, City PM should be contacted directly to discuss alternative billing options.

**Exhibit E - Detailed Hour/Cost Breakdown  
Summary for Team**

**EMH&T TEAM  
CIP 650870-158191 & 611714-100000**

Task No.	DESCRIPTION/STAFF															DIRECT LABOR COSTS	TOTAL LABOR COSTS	SUBCONTRACTOR COSTS	TASK SUBTOTAL
		PM	SS	SE	PE	DE	ET	D1	CL	RS	FC2	FC3	FT	TOTAL					
<b>Task A1</b>	<b>Review Existing Information</b>	4		8	8			16							36	\$ 1,661.10	\$ 4,955.94	\$ -	\$ 4,955.94
																		\$ -	
																		\$ -	
																		\$ -	
<b>Task A2</b>	<b>Field Investigations</b>	6	0	2	14	0	0	40	0	0	0	0	0	62	\$ 2,563.05	\$ 7,646.94	\$ 109,915.98	\$ 117,562.92	
	Field Investigation	2			4			24										\$ 60,376.91	
	Training and Badges	2		2	2													\$ 48,478.95	
	Courthouse Research																	\$ 1,060.13	
	Survey (Staking proposed sewer alignments)																		
	Piping Ambiguity Records (PARs)	2			8			16											
	Photo Documentation																		
<b>Task A3</b>	<b>Storm sewer Cleaning and Televising</b>	16			16			40						72	\$ 3,217.20	\$ 9,598.61	\$ 76,543.25	\$ 86,141.86	
																		\$ 76,543.25	
<b>Task A4</b>	<b>Storm water Manhole Inspections</b>	8			16			16						40	\$ 1,877.40	\$ 5,601.28	\$ 42,113.98	\$ 47,715.26	
																		\$ 3,363.98	
																		\$ 38,750.00	
<b>Task A5</b>	<b>H&amp;H Analysis</b>	32	0	108	180	0	300	0	0	0	0	0	0	620	\$ 26,149.20	\$ 78,016.92	\$ 0.00	\$ 78,016.92	
	Model Development	8		8	40		60												
	GI Placement	8		20	60		80												
	Alternatives Analysis	16		80	80		160												
<b>Task A6</b>	<b>Preliminary Design Report</b>	30	0	110	86	0	152	0	8	0	0	0	0	386	\$ 17,250.45	\$ 51,467.24	\$ 20,668.03	\$ 72,135.26	
	Executive Summary	4		8	8		8											\$ 20,668.03	
	Background and Existing Information	2		12	12		16											\$ -	
	Field Work																	\$ -	
	Geotechnical																		
	Model Development	4		12	12		40												
	Private Property Improvements	4		8	8		24												
	Alternatives Development	4		30	30		24												
	Preferred Alternative and Recommendations	4		8	8														
	Cost Estimates	4		24			24												
	Design Recommendations	4		8	8		16		8										
<b>Task A7</b>	<b>Construction and Site Plan Survey</b>	6	0	8	0	0	0	0	0	0	0	0	0	14	\$ 853.65	\$ 2,546.89	\$ 58,024.69	\$ 60,571.58	
	Develop a List of Impacted Residents, Institutions and Businesses	2		4														\$ 58,024.69	
	Generate Media Information	2		4															
	Obtain Permits for Surveying																		
	Surveying	2																	
<b>Task A10</b>	<b>Draft Construction Plans</b>	28	0	80	130	0	160	300	0	0	0	0	0	698	\$ 27,738.90	\$ 82,759.84	\$ -	\$ 82,759.84	
	Prepare Basemap			4	4		8	24										\$ -	
	Coordinate Field Survey	4		4	4													\$ -	
	Evaluate Comments from City, Utilities and other agencies	4		20	24		40	40										\$ -	
	Establish Horizontal Alignments			12	24		16	80											
	30% Complete Plans	12		20	40		60	80											
	Draft Construction Plan Review Meeting	4		4	8		8												
	Submit Draft Final Plans to City and Utilities for Review	2		8	24		20	60											
	Draft Final Plan Review Meeting	2		8	2		8	16											
<b>Task A16</b>	<b>Progress Meetings, Reports and Schedules</b>	147	0	75	36	0	0	0	0	0	0	0	0	258	\$ 15,868.13	\$ 50,043.03	\$ 36,603.25	\$ 86,646.28	
	Reimbursables EMH&T															\$ 2,700.00			
	Reimbursables Stantec																	\$ 5,010.00	
	Kick-Off Meeting	3		3														\$ 14,905.36	
	Project Management (Detailed Invoicing, Schedule update, etc.)	72																\$ 8,680.67	
	Monthly Progress Meetings (Increased Prep)	72		72	36													\$ 8,007.22	
<b>TOTAL FOR BASE CONTRACT:</b>		<b>277</b>	<b>0</b>	<b>391</b>	<b>486</b>	<b>0</b>	<b>612</b>	<b>412</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2186</b>	<b>\$ 97,179.08</b>	<b>\$ 292,636.69</b>	<b>\$ 343,869.18</b>	<b>\$ 636,505.86</b>	
<b>IF AUTHORIZED TASKS</b>																			
	Flow Control "If Authorized"																		2,500.00
	Heavy Cleaning "If Authorized"																		58,703.50
	Sonde Locates "If Authorized"																		25.00
<b>Task A20</b>	<b>IF AUTHORIZED (10% of BASE CONTRACT)</b>																		\$ 52,121.26
																		<b>TOTAL CONTRACT =</b>	<b>\$ 749,855.62</b>



**Exhibit E - Detailed Hour/Cost Breakdown  
Summary for Team**

**STANTEC  
CIP 650870-158191 & 611714-100000**

Task No.	DESCRIPTION/STAFF															DIRECT LABOR COSTS	TOTAL LABOR COSTS	SUBCONTRACTOR COSTS	TASK SUBTOTAL
		PM	SS	SE	SE	PE	DE	ET	D1	CL	FC2	FC1	FT	TOTAL					
<b>Task A1</b>	<b>Review Existing Information</b>	0		0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
<b>Task A2</b>	<b>Field Investigations</b>	22	0	0	0	0	169	64	0	8	131	4	8	406	\$ 20,105.53	\$ 60,376.91	\$0.00	\$ 60,376.91	
	Field Investigation																		
	Training and Badges																		
	Courthouse Research																		
	Survey (Staking proposed sewer alignments)																		
	Piping Ambiguity Records (PARs)																		
	Photo Documentation																		
<b>Task A3</b>	<b>Storm sewer Cleaning and Televising</b>																		\$ -
<b>Task A4</b>	<b>Storm water Manhole Inspections</b>																		\$ -
<b>Task A5</b>	<b>H&amp;H Analysis</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$0.00	\$ -	
	Model Development																		
	GI Placement																		
	Alternatives Analysis																		
<b>Task A6</b>	<b>Preliminary Design Report</b>	8	0	0	18	26	52	64	0	4	0	0	8	180	\$ 6,882.46	\$ 20,668.03	\$ -	\$ 20,668.03	
	Executive Summary																		
	Background and Existing Information																		
	Field Work																		
	Geotechnical																		
	Model Development																		
	Private Property Improvements																		
	Alternatives Development																		
	Preferred Alternative and Recommendations																		
	Cost Estimates																		
	Design Recommendations																		
<b>Task A7</b>	<b>Construction and Site Plan Survey</b>	10	0	0	0	0	68	0	0	52	154	71	0	355	\$ 19,322.24	\$ 58,024.69	\$ -	\$ 58,024.69	
	Develop a List of Impacted Residents, Institutions and Businesses																	\$ -	
	Generate Media Information																		
	Obtain Permits for Surveying																		
	Surveying																		
<b>Task A10</b>	<b>Draft Construction Plans</b>													0	\$ -	\$ -	\$ -	\$ -	
	Prepare Basemap																		
	Coordinate Field Survey																		
	Evaluate Comments from City, Utilities and other agencies																		
	Establish Horizontal Alignments																		
	30% Complete Plans																		
	Draft Construction Plan Review Meeting																		
	Submit Draft Final Plans to City and Utilities for Review																		
	Draft Final Plan Review Meeting																		
<b>Task A16</b>	<b>Progress Meetings, Reports and Schedules</b>	52	0	0	0	0	16	0	17	0	0	0	0	85	\$ 4,963.49	\$ 14,905.36	\$ -	\$ 14,905.36	
	Kick-Off Meeting																		
	Project Management (Detailed Invoicing, Schedule update, etc.)																		
	Monthly Progress Meetings (Increased Prep)																		
<b>TOTAL FOR BASE CONTRACT:</b>		<b>92</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>26</b>	<b>305</b>	<b>128</b>	<b>17</b>	<b>64</b>	<b>285</b>	<b>75</b>	<b>16</b>	<b>1026</b>	<b>\$ 51,273.72</b>	<b>\$ 153,974.98</b>	<b>\$0.00</b>	<b>\$ 153,974.98</b>	
<b>IF AUTHORIZED TASKS</b>																			
<b>Task A20</b>	<b>IF AUTHORIZED (20% of BASE CONTRACT)</b>																		
																	<b>TOTAL CONTRACT = \$ 153,974.98</b>		

**Exhibit E - Detailed Hour/Cost Breakdown  
Summary for Team**

**DHDC  
CIP 650870-158191 & 611714-100000**

Task No.	DESCRIPTION/STAFF	PM	SS	SE	PE	DE	ET	D1	CL	RS	FC2	FC3	FT	TOTAL	DIRECT LABOR COSTS	TOTAL LABOR COSTS	SUBCONTRACTOR COSTS	TASK SUBTOTAL
<b>Task A1</b>	<b>Review Existing Information</b>													0	\$ -	\$ -	\$0.00	\$ -
<b>Task A2</b>	<b>Field Investigations</b>	14	0	0	14	0	504	0	4	0	0	0	0	536	\$ 16,574.00	\$ 48,478.95	\$0.00	\$ 48,478.95
	Field Investigation																	
	Training and Badges	2			2		4											
	Courthouse Research																	
	Survey (Staking proposed sewer alignments)																	
	Piping Ambiguity Records (PARs)																	
	Photo Documentation	12			12		500		4									
<b>Task A3</b>	<b>Storm sewer Cleaning and Televising</b>													0	\$ -	\$ -	\$ -	\$ -
<b>Task A4</b>	<b>Storm water Manhole Inspections</b>													0	\$ -	\$ -	\$ -	\$ -
<b>Task A5</b>	<b>H&amp;H Analysis</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$0.00	\$ -
	Model Development																	
	GI Placement																	
	Alternatives Analysis																	
<b>Task A6</b>	<b>Preliminary Design Report</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
	Executive Summary																	
	Background and Existing Information																	
	Field Work																	
	Geotechnical																	
	Model Development																	
	Private Property Improvements																	
	Alternatives Development																	
	Preferred Alternative and Recommendations																	
	Cost Estimates																	
	Design Recommendations																	
<b>Task A7</b>	<b>Construction and Site Plan Survey</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
	Develop a List of Impacted Residents, Institutions and Businesses																	
	Generate Media Information																	
	Obtain Permits for Surveying																	
	Surveying																	
<b>Task A10</b>	<b>Draft Construction Plans</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
	Prepare Basemap																	
	Coordinate Field Survey																	
	Evaluate Comments from City, Utilities and other agencies																	
	Establish Horizontal Alignments																	
	30% Complete Plans																	
	Draft Construction Plan Review Meeting																	
	Submit Draft Final Plans to City and Utilities for Review																	
	Draft Final Plan Review Meeting																	
<b>Task A16</b>	<b>Progress Meetings, Reports and Schedules</b>	35	0	0	32	0	0	0	0	0	0	0	0	67	\$ 2,967.75	\$ 8,680.67	\$ -	\$ 8,680.67
	Kick-Off Meeting	3																
	Project Management (Detailed Invoicing, Schedule update, etc.)	16			16													
	Monthly Progress Meetings (Increased Prep)	16			16													
<b>TOTAL FOR BASE CONTRACT:</b>		<b>49</b>	<b>0</b>	<b>0</b>	<b>46</b>	<b>0</b>	<b>504</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>603</b>	<b>\$ 19,541.75</b>	<b>\$ 57,159.62</b>	<b>\$0.00</b>	<b>\$ 57,159.62</b>
<b>IF AUTHORIZED TASKS</b>																		
<b>Task A20</b>	<b>IF AUTHORIZED (20% of BASE CONTRACT)</b>																	
																<b>TOTAL CONTRACT = \$ 57,159.62</b>		

**Exhibit E - Detailed Hour/Cost Breakdown  
Summary for Team**

**ASCENSION  
CIP 650870-158191 & 611714-100000**

Task No.	DESCRIPTION/STAFF														DIRECT LABOR COSTS	TOTAL LABOR COSTS	SUBCONTRACTOR COSTS	TASK SUBTOTAL
		PM	SS	SE	PE	DE	ET	D1	CL	RS	FC2	FC3	FT	TOTAL				
<b>Task A1</b>	<b>Review Existing Information</b>													0	\$ -	\$ -	\$0.00	\$ -
<b>Task A2</b>	<b>Field Investigations</b>	4	0	0	4	0	0	6	0	0	0	0	0	14	\$ 368.74	\$ 1,060.13	\$0.00	\$ 1,060.13
	Field Investigation																	
	Training and Badges	4			4			6										
	Courthouse Research																	
	Survey (Staking proposed sewer alignments)																	
	Piping Ambiguity Records (PARs)																	
	Photo Documentation																	
<b>Task A3</b>	<b>Storm sewer Cleaning and Televising</b>													0	\$ -	\$ -	\$ -	\$ -
<b>Task A4</b>	<b>Storm water Manhole Inspections</b>	8			16				4					28	\$ 1,170.08	\$ 3,363.98	\$ -	\$ 3,363.98
<b>Task A5</b>	<b>H&amp;H Analysis</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$0.00	\$ -
	Model Development																	
	GI Placement																	
	Alternatives Analysis																	
<b>Task A6</b>	<b>Preliminary Design Report</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
	Executive Summary																	
	Background and Existing Information																	
	Field Work																	
	Geotechnical																	
	Model Development																	
	Private Property Improvements																	
	Alternatives Development																	
	Preferred Alternative and Recommendations																	
	Cost Estimates																	
	Design Recommendations																	
<b>Task A7</b>	<b>Construction and Site Plan Survey</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
	Develop a List of Impacted Residents, Institutions and Businesses																	
	Generate Media Information																	
	Obtain Permits for Surveying																	
	Surveying																	
<b>Task A10</b>	<b>Draft Construction Plans</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ -	\$ -
	Prepare Basemap																	
	Coordinate Field Survey																	
	Evaluate Comments from City, Utilities and other agencies																	
	Establish Horizontal Alignments																	
	30% Complete Plans																	
	Draft Construction Plan Review Meeting																	
	Submit Draft Final Plans to City and Utilities for Review																	
	Draft Final Plan Review Meeting																	
<b>Task A16</b>	<b>Progress Meetings, Reports and Schedules</b>	52	0	0	0	0	0	0	0	0	0	0	0	52	\$ 2,785.12	\$ 8,007.22	\$ -	\$ 8,007.22
	Kick-Off Meeting	4																
	Project Management (Detailed Invoicing, Schedule update, etc.)	24																
	Monthly Progress Meetings (Increased Prep)	24																
<b>TOTAL FOR BASE CONTRACT:</b>		<b>64</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>94</b>	<b>\$ 4,323.94</b>	<b>\$ 12,431.33</b>	<b>\$0.00</b>	<b>\$ 12,431.33</b>
<b>IF AUTHORIZED TASKS</b>																		
<b>Task A20</b>	<b>IF AUTHORIZED (20% of BASE CONTRACT)</b>																	
																	<b>TOTAL CONTRACT = \$ 12,431.33</b>	