UTILIZATION REPORTING FORM

Project Detail Summary

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A		Plum Ridge Integrated Solutions, Phase 1 and Storm									
ect	Project Name:	Sewer Improvements	Department:	Public Utilities	Ordinance Number:		Invoice Number:				
roj	Project Number:	650870-158191 & 611714-100000	Division:	DOSD	Purchase Order Amount:		C 4 10 4				
P	City PM and Phone Number:	James Howdyshell	Section:	Sanitary Collections	PO# (Suffix/Line #):		Comments/Notes:				

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

	None / Address	Contact Information	Federal Tax ID# /	Firm Type /	Contract Score	Original Utilization	Utilization	Previous Amount	Amount Earned	Amount	Balance
	Name / Address EMH&T	Contact Information Name: Sandy Doyle Ahern	Expiration Date	DAX Vendor #	Contract Scope Task A1- A7, A10, A16	Amount / Percentage	Amount /	Earned To Date	This Invoice	Earned	Remaining
PRIME	5500 New Albany Road	email: sdoyleahern@emht.com	31-0685594	MAJ	1 ask A1- A7, A10, A10	\$ 482,529.70				\$ -	\$ 482,529.70
	Columbus, OH 43054	phone: (614) 775- 4510	1/19/2020	004214	-	402,327.70				- Ψ	Ψ 402,327.70
PF	Columbus, Off 43034	phone. (014) 773- 4310	1/19/2020	004214	<u>-</u>	64.35%	#DIV/0!	0.00%	0.00%	0.009	100.00%
	Stantec Consulting Services, Inc.				Task A1 - Task A2	04.33%	#510/0:	0.00%	0.00%	0.007	100.00%
	1500 Lake Shore Drive, Suite 100		11-2167170	MAJ	Task A6	\$ 158,984.98				\$ -	\$ 158,984.98
SUB	Columbus, OH 43204		8/1/2021	000462	Task A7	130,704.70				- Ψ	Ψ 130,704.70
\mathbf{z}	Columbus, Off 43204		0/1/2021	000402	Task A16	21.20%	#DIV/0!	0.00%	0.00%	0.009	100.00%
	DHDC Engineering Consulting Services				Task A1 - Task A2	21.20%	#010/01	0.00%	0.00%	0.007	0 100.00%
7			32-0376762	MBE	Task A1 - Task A2 Task A6	\$ 57,159.62				\$ -	\$ 57,159.62
SUB	2390 Advanced Business Center Dr.					37,139.02				\$ -	\$ 37,139.02
\mathbf{z}	Columbus, OH 43228		6/30/2021	006280	Task A16	7.630/	#517/01	0.000/	0.000/	0.000	100.00%
	Ascension Construction Solutions				Task A1	7.62%	#DIV/0!	0.00%	0.00%	0.009	100.00%
m			82-3075877	MBE	Task A1 Task A4	\$ 51,181.33				\$ -	\$ 51,181.33
SUB	419 E. 13th Ave.					51,161.55				ф -	\$ 31,161.33
\mathbf{z}	Columbus, OH 43201		3/31/2021	023827	Task A6	C 920/	#517/01	0.000/	0.000/	0.000	400,000/
					Task A10 and A16	6.83%	#DIV/0!	0.00%	0.00%	0.009	100.00%
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		16.01			TOTAL AMOUNT	*** *** *** ***		Φ.			.
	Last Updated By:				TOTAL AMOUNT	\$749,855.62		\$ -	\$ -	\$ -	\$ 749,855.62
	Last Updated On:	10/16/2019			Total Percentage	100.00%	#DIV/0!	0.00%	0.00%	0.00%	100.00%

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

	CIP 630870-138191 dno	YEAR				
FIRM	Position Description	2019	2020	2021	2022	
EMH&T	Principal (PR)	\$105.00	\$110.25	\$11 <i>5.7</i> 6	\$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	2019	YEAR 2020 2021		2022	
STANTEC	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	
		¥ 10100		AR	V 10100	
FIRM	Position Description	2019	2020	2021	2022	
DHDC	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	
		2212		AR	2222	
FIRM	Position Description	2019	2020	2021	2022	
Ascension	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

CITY COLUMBUS, OHIO DEPART. OF PUBLIC UTILITIES		2. CIP NO. CT NO.	650870-158191 & 611714-100000		ERSION: 2/2019
NAME OF CONSULTANT:	5 DDOJECT		Integrated Colutions Dhase 1 0	10/2	2/2019
EMH&T TEAM	5. PROJECT TITLE:	Plum Ridge Storm Se	Integrated Solutions, Phase 1 & wer Improvements		
ADDRESS:	7. TYPE OF CON		•		
5500 New Albany Road	DIRECT HOUR	RLY W/ MULTIPLIE	CR		
Columbus, Ohio 43054					
DIRECT LABOR:	EST. HRS.	HOURLY RATE	SUBTOTAL	E	XTENDEI TOTAL
Project Manager (PM)	277	\$66.68	\$ 18,468.98		101112
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	\$ -		
			DIRECT LABOR TOTAL:	\$	97,179
	Overhead &		Indirect Cost & Profit Multiplier		EXTENDEI
INDIRECT LABOR:	Administrative (a)	Profit (b)	(a+b)+(a*b)	-	TOTALS
INDIRECT LABOR:	1.7123	0.1	1.98353		1011120
		INDIR	ECT LABOR + PROFIT TOTAL:	\$	192,757
TOTAL LABOR + PROFIT COSTS (ite	em 8 + item 9)			6	
			(or 1 + Indirect Cost + Multiplier)	\$	289,936
OTHER DIRECT COSTS			EST. COST		
AIRFARE:	a. T	RAVEL SUBTOTAL:	\$0.0 \$0.0	-	
b. EQUIPMENT, MATERIALS, SUPPLIE	C (EMC)		EST. COST	\dashv	
(List itemized breakdown below or or	, ,		\$2,700.0	0	
(List itemized breakdown below of of	n Schedule 2A-2 Expenses)		\$2,700.0		
			\$0.0		
		b. EMS SUBTOTAL:	\$2,700.00	-	
c. Subcontracts		2 3 2 1 3 1 1 II.	¥ 2 ,, 5 0.10 (7	
Stantec					
			\$ 158,984.98	3	
DHDC - Field Investigations			\$ 158,984.98 \$ 57,159.62		
DHDC - Field Investigations Ascension - Office work				2	
		c. SUB SUBTOTAL:	\$ 57,159.62 \$ 12,431.33	2	
		c. SUB SUBTOTAL:	\$ 57,159.62 \$ 12,431.33	2	
Ascension - Office work d. Other (Specify categories) Sewer Cleaning & CCTV		c. SUB SUBTOTAL:	\$ 57,159.62 \$ 12,431.33	! 	
Ascension - Office work d. Other (Specify categories) Sewer Cleaning & CCTV Inlet Inspections (Ascension)		c. SUB SUBTOTAL:	\$ 57,159.62 \$ 12,431.33 \$ 228,575.93 \$64,243.2 \$25,800.0	5	
Ascension - Office work d. Other (Specify categories) Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning		c. SUB SUBTOTAL:	\$ 57,159.62 \$ 12,431.33 \$ 228,575.93 \$64,243.2 \$25,800.0 \$8,600.0	55 00 00	
Ascension - Office work d. Other (Specify categories) Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension)		c. SUB SUBTOTAL:	\$ 57,159.62 \$ 12,431.33 \$ 228,575.93 \$64,243.2 \$25,800.0 \$8,600.0 \$12,950.0	55 00 00 00	
Ascension - Office work d. Other (Specify categories) Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning		c. SUB SUBTOTAL:	\$ 57,159.62 \$ 12,431.33 \$ 228,575.93 \$64,243.2 \$25,800.0 \$8,600.0	55 00 00 00	
Ascension - Office work d. Other (Specify categories) Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension)	d. O	c. SUB SUBTOTAL:	\$ 57,159.62 \$ 12,431.33 \$ 228,575.93 \$64,243.2 \$25,800.0 \$8,600.0 \$12,950.0	55 00 00 00 00 00	
Ascension - Office work d. Other (Specify categories) Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension)	d. O		\$ 57,159.62 \$ 12,431.33 \$ 228,575.93 \$ 64,243.2 \$ 25,800.0 \$ 8,600.0 \$ 12,950.0 \$ 3,700.0 \$ 115,293.25	55 00 00 00 00 5	Ф247 Т -
Ascension - Office work d. Other (Specify categories) Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension) Manhole Cleaning	d. C		\$ 57,159.62 \$ 12,431.33 \$ 228,575.93 \$64,243.2 \$25,800.0 \$8,600.0 \$12,950.0 \$3,700.0	550000000000000000000000000000000000000	
Ascension - Office work d. Other (Specify categories) Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension) Manhole Cleaning TOTAL COST (item 10+11)	d. C		\$ 57,159.62 \$ 12,431.33 \$ 228,575.93 \$ 64,243.2 \$ 25,800.0 \$ 8,600.0 \$ 12,950.0 \$ 3,700.0 \$ 115,293.25	550000000000000000000000000000000000000	636,505
Ascension - Office work d. Other (Specify categories) Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension) Manhole Cleaning TOTAL COST (item 10+11) Flow Control "If Authorized"	d. O		\$ 57,159.62 \$ 12,431.33 \$ 228,575.93 \$ 64,243.2 \$ 25,800.0 \$ 8,600.0 \$ 12,950.0 \$ 3,700.0 \$ 115,293.25	5 5 0 0 0 0 0 5 \$ \$ \$ \$ \$ \$	636,505 2,500
Ascension - Office work d. Other (Specify categories) Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension) Manhole Cleaning TOTAL COST (item 10+11) Flow Control "If Authorized" Heavy Cleaning "If Authorized"	d. O		\$ 57,159.62 \$ 12,431.33 \$ 228,575.93 \$ 64,243.2 \$ 25,800.0 \$ 8,600.0 \$ 12,950.0 \$ 3,700.0 \$ 115,293.25	5 5 0 0 0 0 0 5 \$ \$ \$ \$ \$ \$ \$ \$	636,505 2,500 58,703
Ascension - Office work d. Other (Specify categories) Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension) Manhole Cleaning TOTAL COST (item 10+11) Flow Control "If Authorized"			\$ 57,159.62 \$ 12,431.33 \$ 228,575.93 \$ 64,243.2 \$ 25,800.0 \$ 8,600.0 \$ 12,950.0 \$ 3,700.0 \$ 115,293.25	5 5 0 0 0 0 0 5 \$ \$ \$ \$ \$ \$	\$346,56 636,505 2,500 58,703 25 52,121

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.	CITY COLUMBUS, OHIO		2. CIP NO.	650870-158191 & 611714-100000	3. V	ERSION:		
	DEPART. OF PUBLIC UTILITIES		CT NO.		10/2	2/2019		
4.	NAME OF CONSULTANT:	5. PROJECT	Blueprint Plum Ridge	Integrated Solutions, Phase 1 &		Plum		
	Stantec		Ridge Storm Sewer In					
6	ADDRESS:	7. TYPE OF CONT	TRACT:					
	1500 Lake Shore Drive Suite 100	DIRECT HOUR	LY W/ MULTIPLIE	R				
	Columbus, Ohio 4324							
	DIRECT LABOR:	EST. HRS.	HOURLY RATE	SUBTOTAL	Е	XTENDED TOTAL		
0	Project Manager (PM)	92	\$75.36	\$ 6,933.12		TOTAL		
	Senior Surveyor (SS)	0	\$75.36	\$ 0,933.12				
	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	\$30.09	\$ 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	\$ 3,040.04				
	1-Man Crew	75	\$36.00	\$ 20,320.00				
	Field Technician	16	\$36.00	\$ 2,700.00				
	Pleid Technician	10	\$30.00	DIRECT LABOR TOTAL:	\$	51,273.72		
				DIRECT LABOR TOTAL.	Ф	31,273.77		
		Overhead &		Indirect Cost & Profit Multiplier	Е	EXTENDED		
9.	INDIRECT LABOR:	Administrative (a)	Profit (b)	(a+b)+(a*b)]	TOTALS		
		1.73	0.1	2.003				
		RECT LABOR + PROFIT TOTAL:	\$	102,701.2				
10.	TOTAL LABOR + PROFIT COSTS (item 8 -	- item 9)			\$	153,974.9		
				(or 1 + Indirect Cost + Multiplier):	Ψ	133,974.90		
11.	OTHER DIRECT COSTS			EST. COST	1			
	a. TRAVEL							
	MILEAGE: 2000 x \$ (IRS rate @ date of travel) / mile \$1,160.00							
	AIRFARE: \$0.00							
		a. T	RAVEL SUBTOTAL:	\$1,160.00				
	b. EQUIPMENT, MATERIALS, SUPPLIES (EMS	2)		EST. COST	_			
	Reproduction	,, ,		\$350.00	1			
	Equipment Rental			\$3,500.00				
	Equipment Kentai			\$0.00				
			b. EMS SUBTOTAL:		4			
	c. Subcontracts		U. EMS SUBTUTAL.	\$3,630.00	┪			
	Stantec			\$0.00				
	DHDC - Field Investigations			\$0.00				
				\$0.00				
	ASCUSION - OTHER WOLK	Ascension - Office work						
			c SIID SIIDTOTAL.	ቀስ ባለ	†			
	d Other (Specify entercomics)		c. SUB SUBTOTAL:	\$0.00	-			
	d. Other (Specify categories)		c. SUB SUBTOTAL:		<u> </u>			
	Sewer Cleaning & CCTV		c. SUB SUBTOTAL:	\$0.00				
	Sewer Cleaning & CCTV Inlet Inspections (Ascension)		c. SUB SUBTOTAL:	\$0.00 \$0.00				
	Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning		c. SUB SUBTOTAL:	\$0.00 \$0.00 \$0.00				
	Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension)		c. SUB SUBTOTAL:	\$0.00 \$0.00 \$0.00 \$0.00				
	Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning		c. SUB SUBTOTAL:	\$0.00 \$0.00 \$0.00				
	Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension)	d. C	c. SUB SUBTOTAL:	\$0.00 \$0.00 \$0.00 \$0.00				
	Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension)	d. C		\$0.00 \$0.00 \$0.00 \$0.00				
	Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension)	d. C		\$0.00 \$0.00 \$0.00 \$0.00		\$5,010.		
	Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension) Manhole Cleaning TOTAL COST (item 10+11)	d. C		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00				
2.	Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension) Manhole Cleaning TOTAL COST (item 10+11) Flow Control "If Authorized"	d. C		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$5,010.0 158,984.9		
3. ↓.	Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension) Manhole Cleaning TOTAL COST (item 10+11) Flow Control "If Authorized" Heavy Cleaning "If Authorized"	d. C		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00				
3. I. 5.	Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension) Manhole Cleaning TOTAL COST (item 10+11) Flow Control "If Authorized" Heavy Cleaning "If Authorized" Sonde Locates "If Authorized"	d. C		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00				
	Sewer Cleaning & CCTV Inlet Inspections (Ascension) Inlet Cleaning Manhole Inspections (Ascension) Manhole Cleaning TOTAL COST (item 10+11) Flow Control "If Authorized" Heavy Cleaning "If Authorized"	d. C		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00				

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

1. CITY	TTY COLUMBUS, OHIO	2. CIP NO. 650870-158191 & 611714-100000		650870-158191 & 611714-100000	3. VE	ERSION:		
DEP.	ART. OF PUBLIC UTILITIES		CT NO.		10/22	2/2019		
4. NAM DHD	ME OF CONSULTANT:		Blueprint Plum Ridge Ridge Storm Sewer Ir	e Integrated Solutions, Phase 1 &		Plum		
	DRESS:	7. TYPE OF CONT		nprovements				
	Advance Business		RLY W/ MULTIPLIE	ER				
Colu	mbus, OH 43228							
		1				KTENDED		
-	ECT LABOR:	EST. HRS.	HOURLY RATE	SUBTOTAL		TOTAL		
	ect Manager (PM)	49	\$45.25	\$ 2,217.25				
	ect Engineer (PE)	46	\$43.25	\$ 1,989.50				
	neering Tech. (ET)	504	\$30.25	\$ 15,246.00	<u> </u>			
-	Operator (D1)	0	\$25.25	\$ -				
Cleri	ical (CL)	4	\$22.25	\$ 89.00				
				DIRECT LABOR TOTAL:	\$	19,541.7		
		0 1 10				·		
,		Overhead & Administrative (a)	Profit (b)	Indirect Cost & Profit Multiplier (a+b)+(a*b)		XTENDED		
' INDI	IRECT LABOR:	1.25	0.3	1.925		TOTALS		
		1.23		RECT LABOR + PROFIT TOTAL:		27.617.6		
тот	TALL AROR + PROFIT COSTS (item 8 + ite		INDIR	RECT LABOR + PROFIT TOTAL:	\$	37,617.8		
).	TOTAL LABOR + PROFIT COSTS (item 8 + item 9) (or 1 + Indirect Cost + Multiplier):							
. OTH	IER DIRECT COSTS			EST. COST				
a. TI	RAVEL							
	MILEAGE: # miles x \$ (IRS rate @ date of t	ravel) / mile		\$0.00)			
	AIRFARE:			\$0.00	+			
		a. Ti	RAVEL SUBTOTAL:	\$0.00	1			
1. E	OTHER WATERIALS SUBBLES (EMS)			ECT COCT	}			
b. E	QUIPMENT, MATERIALS, SUPPLIES (EMS)	24.25		EST. COST]			
	(List itemized breakdown below or on Schedule	e 2A-2 Expenses)		\$0.00				
				\$0.00				
			b. EMS SUBTOTAL:	\$0.00 \$ 0.00	1			
c S1	ubcontracts		U. EMIS SUBTUTAL:	\$0.00	1			
c. st	uocontracts			-				
				\$ -				
				-				
			c. SUB SUBTOTAL:	<u>'</u>	1			
d O	other (Specify categories)		c. seb seb terrib.	Ψ	1			
	er Cleaning & CCTV			\$0.00	,			
	Inspections (Ascension)			\$0.00				
	Cleaning			\$0.00				
	hole Inspections (Ascension)			\$0.00				
	hole Cleaning			\$0.00				
111111	note Creaming	d O	THERS SUBTOTAL:		1			
		u. 0	THERS SUBTOTAL.	φυ.υυ	1			
	AL COOM (1 10 11)			OTHER DIRECT COSTS TOTAL:	Φ.	\$0.		
	'AL COST (item 10+11) ' Control "If Authorized"				\$	57,159.6		
-	vy Cleaning "If Authorized"							
	le Locates "If Authorized"				1			
					 			
_	VTINGENCY (10%)							

1.	CITY COLUMBUS, OHIO		2. CIP NO.	650870-158191 & 611714-100000	3. VI	ERSION:	
	DEPART. OF PUBLIC UTILITIES		CT NO.		10/22	2/2019	
4	NAME OF CONSULTANT:	5 DDO IECT	DI ' DI D'I	1	10/22		
	Ascension Construction Solutions	5. PROJECT TITLE:	Ridge Storm Sewer In	e Integrated Solutions, Phase 1 &		Plum	
6	ADDRESS:	7. TYPE OF CON		inpro remento			
	419 E. 13th Ave.		RLY W/ MULTIPLIE	ER			
	Columbus, OH 43201						
					E	XTENDED	
	DIRECT LABOR:	EST. HRS.	HOURLY RATE	SUBTOTAL		TOTAL	
	Project Manager (PM)	64	\$53.56	\$ 3,427.84			
	Project Engineer (PE)	20	\$38.63	\$ 772.50	-		
	Engineering Tech. (ET)	0	\$40.17	-			
	CAD Operator (D1)	6	\$0.00	\$ -	1		
	Clerical (CL)	4	\$30.90	\$ 123.60			
				DIRECT LABOR TOTAL:	\$	4,323.94	
				DIRECT LABOR TOTAL.	Ψ	4,323.94	
		Overhead &		Indirect Cost & Profit Multiplier	Е	XTENDED	
9.	INDIRECT LABOR:	Administrative (a)	Profit (b)	(a+b)+(a*b)		TOTALS	
		1.5	0.15	1.88			
			INDIR	RECT LABOR + PROFIT TOTAL:	\$	8,107.39	
10.	TOTAL LABOR + PROFIT COSTS (item 8 + item 9))		(or 1 + Indirect Cost + Multiplier):	\$	12,431.33	
11.	OTHER DIRECT COSTS EST. COST						
	a. TRAVEL						
	MILEAGE: # miles x \$ (IRS rate @ date of trave	el) / mile		\$0.00)		
	AIRFARE:			\$0.00)		
		a. T	RAVEL SUBTOTAL:	\$0.00			
					4		
	b. EQUIPMENT, MATERIALS, SUPPLIES (EMS)			EST. COST	-		
	(List itemized breakdown below or on Schedule 2 <i>t</i>	A-2 Expenses)		\$0.00			
				\$0.00			
			b. EMS SUBTOTAL:	\$0.00 \$0.00	4		
	c. Subcontracts		U. EWIS SUBTOTAL.	\$0.00	†		
	c. Buoconducts			-			
				\$			
				\$			
			c. SUB SUBTOTAL:	<u>'</u>	1		
	d. Other (Specify categories)				1		
	Sewer Cleaning & CCTV			\$0.00			
	Inlet Inspections (Ascension)			\$25,800.00			
	Inlet Cleaning			\$0.00)		
	Manhole Inspections (Ascension)			\$12,950.00			
	Manhole Cleaning			\$0.00)		
		d. O	THERS SUBTOTAL:	\$38,750.00			
				OTHER DIRECT COSTS TOTAL:		\$38,750.00	
12.	TOTAL COST (item 10+11)				\$	51,181.33	
13.	Flow Control "If Authorized"						
14.	Heavy Cleaning "If Authorized"						
15.	Sonde Locates "If Authorized"						
	CONTINGENCY (10%)						
17.	MAXIMUM FEE (items 12 through 16)				\$	51,181.33	

SCHEDULE 2A-2 SEWER INSPECTION UNIT COSTS

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

			CCTV ONLY*	Sewer Cleaning & 0	Sewer Heavy Cleaning**		
8.	SEWER SIZE	Length	Unit Price	Unit Price	Cost	Unit Price	Cost
	D = Diameter (inches)	(feet)	(\$/ft)	(\$/ft)	(\$)	(\$/ft)	(\$)
	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

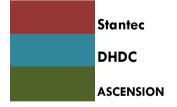
9.	Allowances	Qty.	Unit	Unit Cost	Cost
	Flow Control (If Authorized)	1	LS	\$2,500.00	\$2,500.00
**	Heavy Cleaning (If Authorized)	6,939	LF	-	\$58,703.50
	Sonde Locates (If Authorized)	25	EA	\$1.00	\$25.00
	Inlet Inspections	86	EA	\$300.00	\$25,800.00
	Inlet Cleaning	86	EA	\$100.00	\$8,600.00
	Manhole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

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

Piping Ambiguity Records (PARs) Photo Documentation Task A3 Storm sewer Cleaning and Tele Task A4 Storm water Manhole Inspection Task A5 H&H Analysis Model Development GI Placement Alternatives Analysis Task A6 Preliminary Design Report Executive Summary Background and Existing Information Field Work Geotechnical Model Development Private Property Improvements Alternatives Development Preferred Alternative and Recond Cost Estimates Design Recommendations Task A7 Construction and Site Plan Surventy Develop a List of Impacted Resice Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from Citry, Utenty Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to Citry of Construction Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed Interest Monthly Progress Meetings (Increst Monthly Progress Meetings) Flow Control "If Authorized" Heavy Cleaning "If Authorized"	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
Field Investigation Training and Badges Courthouse Research Survey (Staking proposed sewer Piping Ambiguity Records (PARs) Photo Documentation Task A3 Storm sewer Cleaning and Tele Task A4 Storm water Manhole Inspection Task A5 H&H Analysis Model Development Gi Placement Alternatives Analysis Task A6 Preliminary Design Report Executive Summary Background and Existing Information Field Work Geotechnical Model Development Private Property Improvements Alternatives Development Preferred Alternative and Recont Cost Estimates Design Recommendations Task A7 Construction and Site Plan Survey Develop a List of Impacted Resic Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Utestablish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed International Progress Meetings) (Incresisted Control "If Authorized" Heavy Cleaning "If Authorized" Heavy Cleaning "If Authorized"	Review Existing Information	4		8	8			16	G.	NO.	1 02	1.00		36	\$	1,661.10	_	4,955.94	-	\$	4,955.94
Field Investigation Training and Badges Courthouse Research Survey (Staking proposed sewer Piping Ambiguity Records (PARs) Photo Documentation Task A3 Storm sewer Cleaning and Tele Task A4 Storm water Manhole Inspectio Task A5 H&H Analysis Model Development GI Placement Alternatives Analysis Task A6 Preliminary Design Report Executive Summary Background and Existing Information Field Work Geotechnical Model Development Private Property Improvements Alternatives Development Preferred Alternative and Recon Cost Estimates Design Recommendations Task A7 Construction and Site Plan Surve Develop a List of Impacted Resic Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incre IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	-																	9	-		
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Task A5 H&H Analysis Model Development GI Placement Alternatives Analysis Task A6 Preliminary Design Report Executive Summary Background and Existing Information Field Work Geotechnical Model Development Private Property Improvements Alternatives Development Preferred Alternative and Recond Cost Estimates Design Recommendations Task A7 Construction and Site Plan Surventy Develop a List of Impacted Resice Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Uthen Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed Interval Monthly Progress Meetings (Incress IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"																		,	\$ 76,543.25		
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Model Development GI Placement Alternatives Analysis Task A6 Preliminary Design Report Executive Summary Background and Existing Information Field Work Geotechnical Model Development Private Property Improvements Alternatives Development Preferred Alternative and Recond Cost Estimates Design Recommendations Task A7 Construction and Site Plan Surventy Develop a List of Impacted Reside Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Uthen Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review Assubmit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed Information) IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"																		!	\$ 3,363.98		
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GI Placement Alternatives Analysis Task A6 Preliminary Design Report Executive Summary Background and Existing Informate Field Work Geotechnical Model Development Private Property Improvements Alternatives Development Preferred Alternative and Recond Cost Estimates Design Recommendations Task A7 Construction and Site Plan Survey Develop a List of Impacted Resice Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Utter Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incress IF AUTHORIZED TASKS Flow Control "If Authorized"	1&H Analysis	32	0	108	180	0	300	0	0	0	0	0	0	620	\$	26,149.20	\$	78,016.92	\$0.00	\$	78,016.92
Alternatives Analysis Task A6 Preliminary Design Report Executive Summary Background and Existing Information Field Work Geotechnical Model Development Private Property Improvements Alternatives Development Preferred Alternative and Recond Cost Estimates Design Recommendations Task A7 Construction and Site Plan Survey Develop a List of Impacted Resident Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Understablish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed Index Monthly Progress Meetings (Incress IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Model Development	8		8	40		60														
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Field Work Geotechnical Model Development Private Property Improvements Alternatives Development Preferred Alternative and Recon Cost Estimates Design Recommendations Task A7 Construction and Site Plan Surv Develop a List of Impacted Resic Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incress IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Executive Summary	4		8	8		8											!	\$ 20,668.03	<u> </u>	
Geotechnical Model Development Private Property Improvements Alternatives Development Preferred Alternative and Recom Cost Estimates Design Recommendations Task A7 Construction and Site Plan Surv Develop a List of Impacted Resic Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incre IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Background and Existing Information	2		12	12		16											9	-		
Model Development Private Property Improvements Alternatives Development Preferred Alternative and Recon Cost Estimates Design Recommendations Task A7 Construction and Site Plan Surv Develop a List of Impacted Resic Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incre IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Field Work																	9	-		
Private Property Improvements Alternatives Development Preferred Alternative and Recom Cost Estimates Design Recommendations Task A7 Construction and Site Plan Surv Develop a List of Impacted Residence Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Ute Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incress IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Geotechnical																				
Alternatives Development Preferred Alternative and Recom Cost Estimates Design Recommendations Task A7 Construction and Site Plan Surv Develop a List of Impacted Resic Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incress IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Model Development	4		12	12		40													<u> </u>	
Preferred Alternative and Recom Cost Estimates Design Recommendations Task A7 Construction and Site Plan Surv Develop a List of Impacted Resic Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed Int Monthly Progress Meetings (Incress IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Private Property Improvements	4		8	8		24													<u> </u>	
Cost Estimates Design Recommendations Task A7 Construction and Site Plan Surv Develop a List of Impacted Resice Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed Interest Management) Monthly Progress Meetings (Increst IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Alternatives Development	4		30	30		24										ļ			<u> </u>	
Design Recommendations Task A7 Construction and Site Plan Surve Develop a List of Impacted Residence Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Undestablish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plans Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed Index Monthly Progress Meetings (Incress If Authorized) IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Preferred Alternative and Recommendations	4		8	8												ļ			<u> </u>	
Task A7 Construction and Site Plan Surv Develop a List of Impacted Resid Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incress IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Cost Estimates	4		24			24													<u> </u>	
Develop a List of Impacted Residence Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Uttestablish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incress IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Design Recommendations	4		8	8		16		8												
Generate Media Information Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed Interest Monthly Progress Meetings (Increst IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Construction and Site Plan Survey	6	0	8	0	0	0	0	0	0	0	0	0	14	\$	853.65	\$	2,546.89	\$ 58,024.69	\$	60,571.58
Obtain Permits for Surveying Surveying Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed Int Monthly Progress Meetings (Incress IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Develop a List of Impacted Residents, Institutions and Businesses	2		4													<u> </u>		\$ 58,024.69		
Task A10 Draft Construction Plans Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed Int Monthly Progress Meetings (Incress IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"		2		4																	
Task A10 Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incress IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"		2															1			 	
Prepare Basemap Coordinate Field Survey Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed Interest Monthly Progress Meetings (Increst) IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"			_	00	100	_	1.40	200		_	0	_	0	400	.	07.700.00		00.750.04	•	<u></u>	00.750.04
Coordinate Field Survey Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed Information Monthly Progress Meetings (Incress) IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"		28	0	80	130	0	160 8	300	0	0	0	0	0	698	\$	27,738.90	\$	82,759.84	-	\$	82,759.84
Evaluate Comments from City, Ut Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incre IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"		4		4	4		8	24											-		
Establish Horizontal Alignments 30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed Interest Monthly Progress Meetings (Increst) IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"		4		20	24		40	40											- -		
30% Complete Plans Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed Interest Monthly Progress Meetings (Increst) IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"		4		12	24		16	80									1	•	-		
Draft Construction Plan Review A Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incre IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"		12		20	40		60	80													
Submit Draft Final Plans to City of Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incress) IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"		4		<u> </u>	8		8	30													
Draft Final Plan Review Meeting Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incre IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Submit Draft Final Plans to City and Utilities for Review	2		8	24		20	60													
Task A16 Progress Meetings, Reports and Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incredit Incredit Inc	·	2		8	2		8	16													
Reimbursables EMH&T Reimbursables Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incre IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Progress Meetings, Reports and Schedules	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 Stantec Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incre IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"																,	\$	2,700.00		,	
Kick-Off Meeting Project Management (Detailed In Monthly Progress Meetings (Incre IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"																			\$ 5,010.00		
Project Management (Detailed In Monthly Progress Meetings (Incre IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"		3		3															\$ 14,905.36		
Monthly Progress Meetings (Incre IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Project Management (Detailed Invoicing, Schedule update, etc.)	72																	\$ 8,680.67		
IF AUTHORIZED TASKS Flow Control "If Authorized" Heavy Cleaning "If Authorized"	Monthly Progress Meetings (Increased Prep)	72		72	36														\$ 8,007.22		
Flow Control "If Authorized" Heavy Cleaning "If Authorized"	TOTAL FOR BASE CONTRACT:	277	0	391	486	0	612	412	8	0	0	0	0	2186	\$	97,179.08	\$	292,636.69		\$	636,505.86
Flow Control "If Authorized" Heavy Cleaning "If Authorized"		<u> </u>							_	_	1	<u>. </u>			<u>,</u> Ŧ	. ,	<u>,</u> Ŧ	_,	, 2.0,307.10	<u> </u>	
Heavy Cleaning "If Authorized																					2,500.00
																					58,703.50
	Sonde Locates "If Authorized"																				25.00
	F AUTHORIZED (10% of BASE CONTRACT)																			\$	52,121.26
, , , , ,	•	•	•			•		<u> </u>	1			•		•	•		•		TOTAL CONTRACT =		749,855.62



STANTEC CIP 650870-158191 & 611714-100000

Task No.	DESCRIPTION/STAFF	DAA	cc	l cr	SE	l pr	l Dr	ГТ	l Di		FC2	FC1	l et	TOTAL		DIRECT LABOR	L	OTAL ABOR		UBCONTRACTOR COSTS		TASK
Task A1	Review Existing Information	PM O	SS	SE 0	0	PE O	DE 0	ET O	D1 0	CL 0	FC2	FC1 0	FT O	TOTAL 0	\$	COSTS	\$	OSTS	\$	-	\$	SUBTOTAL
IUSK AI	Review Existing Information							0				0	0		Ψ	<u>-</u>	Ψ	<u>-</u>	Ψ		Ψ	-
T 1 40	P. 111	22	0	0		0	1.40			0	101	4	0	407	.	20.105.52	.	(0.07/.01	<u> </u>	20.00	*	/0.27/.01
Task A2	Field Investigations	22	0	0	0	0	169	64	0	8	131	4	8	406	\$	20,105.53	\$ 0	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																					
Task A3	Storm sewer Cleaning and Televising																				\$	-
Task A4	Storm water Manhole Inspections																				\$	-
Task A5	H&H Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	\$	-	\$	-	\$	0.00	\$	-
	Model Development														_							
	GI Placement																					
	Alternatives Analysis																					
Task A6	Preliminary Design Report	8	0	0	18	26	52	64	0	4	0	0	8	180	\$	6,882.46	\$ 2	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			_									_									
Task A7	Construction and Site Plan Survey	10	0	0	0	0	68	0	0	52	154	71	0	355	\$	19,322.24	\$ 3	58,024.69	\$	-	\$	58,024.69
	Develop a List of Impacted Residents, Institutions and Businesses																		\$	-		
	Generate Media Information																					
	Obtain Permits for Surveying																					
	Surveying																					
Task A10	Draft Construction Plans													0	\$	-	\$	-	\$	-	\$	-
	Prepare Basemap		1		1										_						1	
	Coordinate Field Survey		1		1				1						_							
	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		<u> </u>						<u> </u>												<u> </u>	
	Draft Final Plan Review Meeting																					
Task A16	Progress Meetings, Reports and Schedules	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.)					L				L					1							
	Monthly Progress Meetings (Increased Prep)																					
	TOTAL FOR BASE CONTRACT:	92	0	0	18	26	305	128	17	64	285	75	16	1026	¢	51,273.72	¢ 1	53.074.09		\$0.00	4	153,974.98
IE ALITUADI	IZED TASKS	,,			1 .0			. 20	1 "			, 5		. 020	Ψ.	51,273.7 Z	ا ته ا	JJ,77 7.70	1	φυ.υυ	<u> </u>	133,774.70
	IF AUTHORIZED (20% of BASE CONTRACT)																					
Task A20															-							

DHDC CIP 650870-158191 & 611714-100000

Task No.	DESCRIPTION/STAFF	DAA	l cc	CE	DE	Lpc	Let	D.1		l nc	562	FC2		TOTAL		DIRECT LABOR		TOTAL LABOR	SUBCONTRACTOR COSTS		TASK
Task A1	Review Existing Information	PM	SS	SE	PE	DE	ET	D1	CL	RS	FC2	FC3	FT	TOTAL 0	\$	COSTS	\$	COSTS	\$0.00	\$	SUBTOTAL
IUSK AI	Review Existing Information														Ψ	<u>-</u>	Ψ	-	ψ0.00	Ψ	
Task A2	Field Investigations	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												
Task A3	Storm sewer Cleaning and Televising													0	\$	-	\$	-	\$ -	\$	-
Task A4	Storm water Manhole Inspections													0	\$	-	\$	-	\$ -	\$	-
Task A5	H&H Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	\$	-	\$	•	\$0.00	\$	-
	Model Development																				
	GI Placement																				
	Alternatives Analysis																				
Task A6	Preliminary Design Report	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																				
Task A7	Construction and Site Plan Survey	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																				
Task A10	Draft Construction Plans	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																				
Task A16	Progress Meetings, Reports and Schedules	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																
	TOTAL FOR BASE CONTRACT:	49	0	0	46	0	504	0	4	0	0	0	0	603	\$	19,541.75	\$	57,159.62	\$0.00	\$	57,159.62
IF AUTHOP	IZED TASKS		<u>. </u>		1	<u>. </u>			<u>. </u>		1				Ψ.	, 5 11 11 5	Ι Ψ	5. 7. 57.02	Ψ0.00	<u>, 7</u>	27,107,02
	IF AUTHORIZED (20% of BASE CONTRACT)																				
IUSK MZU	II ACTIONIZED (20 /0 OF DASE CONTRACT)																				
																			TOTAL CONTRACT	\$	

ASCENSION CIP 650870-158191 & 611714-100000

Task	DESCRIPTION (STAFF							,						,		DIRECT		TOTAL	SUBCONTRACTOR		TACK
No.	DESCRIPTION/STAFF	PM	SS	SE	PE	DE	ET	D1	CL	RS	FC2	FC3	FT	TOTAL	_	LABOR COSTS		LABOR COSTS	COSTS		TASK SUBTOTAL
Task A1	Review Existing Information	.,,,		02	, _	J.			0.2	e	. 02	. 00		0	\$	-	\$	-	\$0.00	\$	-
Task A2	Field Investigations	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			<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>			<u> </u>				<u> </u>				
	Training and Badges	4		<u> </u>	4	<u> </u>	<u> </u>	6		<u> </u>			<u> </u>	 	<u> </u>		<u> </u>			_	
	Courthouse Research			<u> </u>	<u> </u>		<u> </u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>			<u> </u>	
	Survey (Staking proposed sewer alignments)			<u> </u>		<u> </u>	<u> </u>	<u> </u>		<u> </u>			<u> </u>	<u> </u>			<u> </u>			<u> </u>	
	Piping Ambiguity Records (PARs)			<u> </u>		<u> </u>			<u> </u>	<u> </u>			<u> </u>								
	Photo Documentation						<u>'</u>	<u> </u>				'	<u> </u>	<u> </u>			oxdot				
Task A3	Storm sewer Cleaning and Televising													0	\$	-	\$	-	\$ -	\$	-
								<u> </u>		<u> </u>		<u> </u>		<u> </u>			<u> </u>				
Task A4	Storm water Manhole Inspections	8			16				4					28	\$	1,170.08	\$	3,363.98	\$ -	\$	3,363.98
							<u> </u>	Ь		<u> </u>		'	<u> </u>	Ь			$oxed{oxed}$				
Task A5	H&H Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	\$	-	\$	-	\$0.00	\$	-
	Model Development				<u> </u>	<u>'</u>	<u>'</u>			<u></u>							<u> </u>				
	GI Placement			<u> </u>			'			<u> </u>			<u> </u>		1						
	Alternatives Analysis																			<u></u>	
Task A6	Preliminary Design Report	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																			+	
Task A7	Construction and Site Plan Survey	0	0	0	0	0	0	0	0	0	0	0	0	0	\$	-	\$	-	\$ -	\$	_
I W SK /A/	Develop a List of Impacted Residents, Institutions and Businesses														Ψ		Ψ		Ψ =	Ψ	
	Generate Media Information										+										
	Obtain Permits for Surveying																				
	Surveying																			+	
Task A10	Draft Construction Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	\$	-	\$	-	\$ -	\$	_
	Prepare Basemap														Ψ		<u> </u>		-	—	
	Coordinate Field Survey														1					†	
	Evaluate Comments from City, Utilities and other agencies														1					<u> </u>	
	Establish Horizontal Alignments																			<u> </u>	
	30% Complete Plans														<u> </u>					<u> </u>	
	Draft Construction Plan Review Meeting														T					<u> </u>	
	Submit Draft Final Plans to City and Utilities for Review														†					<u> </u>	
	Draft Final Plan Review Meeting														T						
Task A16	Progress Meetings, Reports and Schedules	52	0	0	0	0	0	0	0	0	0	0	0	52	\$	2,785.12	\$	8,007.22	\$ -	\$	8,007.22
. 300 / 110	Kick-Off Meeting	4												J.L		211 00:12	Ψ	0,007.22		—	3,007.22
	Project Management (Detailed Invoicing, Schedule update, etc.)	24													1					<u> </u>	
																				<u> </u>	
	Monthly Progress Meetings (Increased Prep) TOTAL FOR BASE CONTRACT:	24							\vdash		+		\vdash	04	+	4 202 2 4	_	10.401.00	40.00	+	10 401 00
IF AUTUS		64	0	0	20	0	0	6	4	0	0	0	0	94	\$	4,323.94	Þ	12,431.33	\$0.00	<u> </u>	12,431.33
	IZED TASKS																				
Task A20	IF AUTHORIZED (20% of BASE CONTRACT)																				