Memorandum

To: Mayor Elinor Carbone and Water Pollution Control Authority

CC: Carol Anderson

Mary Perrotti Ed Tousey Pennie Zucco

From: Ray Drew, Public Works Director

Date: 4/2/2020

Re: Payment Authorization

1. Vote by the City Council acting herein as the Water Pollution Control Authority to approve the following payments from Fund #490 Sanitary Sewer Capital Improvement.

DATE	INVOICE	CONTRACTOR	AMOUNT	DESCRIPTION
3/13/20	206100	Wright-Pierce	\$6,262.15	CIP D-9 Harris Dr Pump Station Rehab
2/14/20	205564	Wright-Pierce	\$13,477.65	CIP D-9 Harris Dr Pump Station Rehab

2. Vote by City Council acting herein as the Water Pollution Control Authority vote to accept the recommendations of the Public Works Director, Acting WPCA Administrator and Purchasing agent to award Bid# HSS-041-091119RB – "Sanitary Sewer Improvements Project" to Saltmarsh Industries, Inc., Southwick, MA for the contract amount of \$817,150.00, and authorize the Mayor to act on behalf of the WPCA regarding the award and execution of the contract agreement.

City of Torrington



PUBLIC WORKS DEPARTMENT Raymond E. Drew., Public Works Director Email: ray_drew@torringtonct.org 140 Main Street • City Hall Torrington, CT 06790-5245 (860) 489-2232 • Fax: (860) 489-2550

MEMORANDUM

TO: Honorable Mayor Elinor Carbone and Water Pollution Control Authority

FROM: Ray Drew, Public Works Director

CC: Pennie Zucco, Purchasing Agent

Paul Kundzins, Deputy Public Works Director Ed Tousey, Acting WPCA Administrator

DATE: April 2, 2019

RE: Contract Award: Sanitary Sewer Improvements Project BID #HSS-041-091119RB

Respectfully request Water Pollution Control Authority to accept the recommendation of the Public Works Director and Acting WPCA Administrator to authorize the Mayor to act on behalf of the WPCA regarding the award and execution of the contract agreement for the Sanitary Sewer Improvements Project to Saltmarsh Industries, Inc. for the amount of \$817,150.00.

After review of all bids received it was determined that Saltmarsh Industries, Inc of Southwick, MA was the lowest responsive and responsible bidder with a total bid of \$817,150.00 (Schedule A - \$191,925.00 + Schedule B \$625,225.00)

The project consists of, but is not limited to: the furnishing of all equipment, labor, material, plant, and superintendence necessary for the approximately 2,600 liner feet of new and replacement sewers including bituminous pavement restoration, service laterals, precast manholes, cast iron frames and covers, temporary bypass pumping, dewatering, loaming and seeding, wetlands protection, traffic control and associated miscellaneous work for the City of Torrington.

Project funding is from Sanitary Sewer Capital Improvement Fund #490. Cost associated with Schedule B to be recovered through Benefit Assessments to be determined.



City of Torrington

Date of Opening Murch ale, 2020 Bid Name Spantary Sewer Improvements Project

 Bid Number
 HSS-041-091119 RB

 Time of Opening
 11:00 AM

Moray Contrate Dies 108 Rocus St Springfield MA GILOY Glorder Const. Co 1155 Man So Dranford, CI GLUDS	A. Martins & Sens Const.	B+ W Paviny + Landocrapes 70 Foster Road water for all 04585	Southwich, MH 01077	VENDOR The Blue Environmental Sues 5 North Field Boad Wallingford (JOG492)
				NON-COLLUSION
1,070,856.88	1,261,745.00	1,536,215.00	817,150.00	OO. EEL LASI'I
111 111	101	111	111	ADDENDUM



		Covação Const. 592 Holyola St Ludlow MA 61056	VENDOR BID BOND	Bid Name San wary Sever Improvement Project Date of Opening March 26, 2020
		<	NON-COLLUSION	Time of Opening
		1,695,820.00	BID AMOUNT	Bid Number <u>HSS-041-041119</u> RB Time of Opening
		111	ADDENDUM	19RB

em	Description		Estimated	Saltmarsh Industries		
No.	Description	Unit	Quantity	Southwick, MA		
	OOUEDIN E A			Unit Price	Total Amou	
	SCHEDULE A GRAVITY SEWER AND APPURTENANCES	T				
а	8-inch PVC sewers, 0'-12' depth	LF	495	\$55.00	\$27,225.00	
_	BUILDING CONNECTIONS	1	100	Ψ00.00	Ψ21,220.00	
а	8"x6" wye or tee	EA	7	\$350.00	\$2,450.00	
o	6-inch PVC building connection	LF	25	\$45.00	\$1,125.00	
	MANHOLES AND APPURTENANCES					
а	Precast concrete manhole - sanitary sewer (<12')	EA	6	\$3,500.00	\$21,000.00	
а	DEWATERING Dewatering	LS	1	\$25,000.00	\$25,000.00	
a	ROCK EXCAVATION AND DISPOSAL	LO	!	\$23,000.00	φ25,000.00	
а	Rock excavation and disposal	CY	20	\$80.00	\$1,600.00	
	MISCELLANEOUS EARTHWORK			·	, ,	
а	Changes in earthwork	CY	75	\$20.00	\$1,500.00	
0	Unsuitable material	CY	75	\$20.00	\$1,500.00	
	Test pits	CY	75 	\$10.00	\$750.00	
d	Additional crushed stone	CY	75	\$35.00	\$2,625.00	
a	SURFACE RESTORATION Loaming and seeding	LS	1	\$20,000.00	\$20,000.00	
a	PAVEMENT REPLACEMENT	LO	1	\$20,000.00	\$20,000.00	
а	Temporary trench pavement	LF	260	\$20.00	\$5,200.00	
	Permanent trench pavement	LF	260	\$30.00	\$7,800.00	
	Milling and overlay	SY	800	\$30.00	\$24,000.00	
	Additional pavement	TON	20	\$120.00	\$2,400.00	
	RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS					
3	Reconstruction of existing sewers, drains, and water mains	EA	4	\$1,000.00	\$4,000.00	
	CLEARING AND GRUBBING			A	A	
)a	Clearing and grubbing	LS	1	\$10,000.00	\$10,000.00	
_	ENVIRONMENTAL PROTECTION Inlet protection	EA	5	\$200.00	\$1,000.00	
	Silt fence	LF	90	\$200.00	\$1,000.00	
	Calcium chloride (dust control)	LB	260	\$2.50	\$650.00	
•	TRAFFIC CONTROL		200	Ψ2.00	Ψ000.00	
2a	Uniformed officer for traffic control, per hour	HR	120	\$110.00	\$13,200.00	
	Trafficmen/flagment for traffic control	HR	120	\$75.00	\$9,000.00	
	MOBILIZATION					
Ва	Mobilization (not to exceed 5%)	LS	1	\$9,000.00	\$9,000.00	
	SCHEDULE B	_				
_	GRAVITY SEWER AND APPURTENANCES					
	8-inch PVC sewers, 0'-12' depth	LF	670	\$55.00	\$36,850.00	
	8-inch C-900 sewers, 0' to 12' depth	LF LF	1,120	\$130.00	\$145,600.00	
1c	8-inch C-900 sewers, 12' to 15' depth BUILDING CONNECTIONS	LF	355	\$150.00	\$53,250.00	
5a	8"x6" PVC wye or tee	EA	7	\$450.00	\$3,150.00	
	8"x6" C-900 wye or tee	EA	20	\$650.00	\$13,000.00	
	6-inch PVC building connection	LF	270	\$45.00	\$12,150.00	
	6-inch C-900 building connection	LF	485	\$90.00	\$43,650.00	
ie	Chimney connection	VF	30	\$300.00	\$9,000.00	
if	Cleanout	EA	1	\$500.00	\$500.00	
	MANHOLES AND APPURTENANCES					
	Precast concrete manhole - sanitary sewer (<12') Precast concrete manhole - sanitary sewer (>12')	EA EA	11	\$3,500.00 \$10,000.00	\$38,500.00 \$20,000.00	
	Manhole drop connection	VF	5	\$10,000.00	\$500.00	
	DEWATERING			,	,	
′a	Dewatering	LS	1	\$50,000.00	\$50,000.00	
	ROCK EXCAVATION AND DISPOSAL	0)/	200	#00.00	#00.400.00	
Ba	Rock excavation and disposal MISCELLANEOUS EARTHWORK	CY	280	\$80.00	\$22,400.00	
	Changes in earthwork	CY	100	\$20.00	\$2,000.00	
	Unsuitable material	CY	155	\$20.00	\$3,100.00	
	Test pits Additional crushed stone	CY	75 100	\$10.00 \$35.00	\$750.00 \$3,500.00	
le le	Impervious barrier	EA	3	\$350.00	\$3,500.00	
	SURFACE RESTORATION					
)a	Loaming and seeding	LS	1	\$20,000.00	\$20,000.00	
	PAVEMENT REPLACEMENT Temporary trench pavement	LF	1,810	\$20.00	\$36,200.00	
a			50	\$30.00	\$1,500.00	
	Permenent trench pavement	LF	50		\$5,400.00	
b	Additional pavement	TON	45	\$120.00	φ5,400.00	
b c	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS	TON	45			
b c	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains			\$120.00 \$1,000.00		
b c a	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS	TON	45		\$5,000.00	
b c a	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION	EA LS	5 1	\$1,000.00 \$15,000.00	\$5,000.00 \$15,000.00	
b c a a	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection	EA LS EA	45 5 1	\$1,000.00 \$15,000.00 \$200.00	\$5,000.00 \$15,000.00 \$2,600.00	
lb lc 2a 3a la lb	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence	EA LS EA LF	45 5 1 13 550	\$1,000.00 \$15,000.00 \$200.00 \$8.00	\$5,000.00 \$15,000.00 \$2,600.00 \$4,400.00	
b c a a a b	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection	EA LS EA	45 5 1	\$1,000.00 \$15,000.00 \$200.00 \$8.00 \$2.50	\$5,000.00 \$15,000.00 \$2,600.00 \$4,400.00	
b c 2a 3a lb	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour	EA LS EA LF LB	45 5 1 13 550 1,510	\$1,000.00 \$15,000.00 \$200.00 \$8.00 \$2.50	\$5,000.00 \$15,000.00 \$2,600.00 \$4,400.00 \$3,775.00	
b c 2a 3a lb	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control	EA LS EA LF LB	45 5 1 13 550 1,510	\$1,000.00 \$15,000.00 \$200.00 \$8.00 \$2.50	\$5,000.00 \$15,000.00 \$2,600.00 \$4,400.00 \$3,775.00	
c ga	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control MOBILIZATION	EA LS EA LF LB HR HR	45 5 1 13 550 1,510	\$1,000.00 \$15,000.00 \$200.00 \$8.00 \$2.50 \$110.00 \$75.00	\$5,000.00 \$15,000.00 \$2,600.00 \$4,400.00 \$3,775.00 \$26,400.00 \$18,000.00	
b c c c c c c c c c c c c c c c c c c c	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control	EA LS EA LF LB	45 5 1 13 550 1,510 240 240	\$1,000.00 \$15,000.00 \$200.00 \$8.00 \$2.50 \$110.00 \$75.00	\$5,000.00 \$15,000.00 \$2,600.00 \$4,400.00 \$3,775.00 \$26,400.00 \$18,000.00	
b c a a b c a b	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control MOBILIZATION	EA LS EA LF LB HR HR	45 5 1 13 550 1,510 240 240	\$1,000.00 \$15,000.00 \$200.00 \$8.00 \$2.50 \$110.00 \$75.00	\$5,000.00 \$15,000.00 \$2,600.00 \$4,400.00 \$3,775.00 \$26,400.00 \$18,000.00	

			Estimate d	Morais Cond	crete Services
Item No.	Description	Unit	Estimated Quantity	Spring	field, MA
				Unit Price	Total Amount
	SCHEDULE A	T	T		
1a	GRAVITY SEWER AND APPURTENANCES 8-inch PVC sewers, 0'-12' depth	LF	495	\$155.00	\$76,725.00
. 5	BUILDING CONNECTIONS			ψ.σσ.σσ	ψ. σ,. <u>2</u> σ.σσ
2a	8"x6" wye or tee	EA	7	\$100.00	\$700.00
2b	6-inch PVC building connection MANHOLES AND APPURTENANCES	LF	25	\$160.00	\$4,000.00
3a	Precast concrete manhole - sanitary sewer (<12')	EA	6	\$6,000.00	\$36,000.00
	DEWATERING				
4a	Dewatering ROCK EXCAVATION AND DISPOSAL	LS	1	\$0.01	\$0.01
5a	Rock excavation and disposal	CY	20	\$100.00	\$2,000.00
	MISCELLANEOUS EARTHWORK				
6a	Changes in earthwork	CY	75		\$0.75 <mark>1</mark>
6b 6c	Unsuitable material Test pits	CY	75 75		\$0.75 \$3,750.00
6d	Additional crushed stone	CY	75		\$2,625.00
	SURFACE RESTORATION				
7a	Loaming and seeding PAVEMENT REPLACEMENT	LS	1	\$40,000.00	\$40,000.00
8a	Temporary trench pavement	LF	260	\$40.00	\$10,400.00
8b	Permanent trench pavement	LF	260	\$60.00	\$15,600.00
8c	Milling and overlay	SY	800	\$35.00	\$28,000.00
8c	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS	TON	20	\$180.00	\$3,600.00
9a	Reconstruction of existing sewers, drains, and water mains	EA	4	\$500.00	\$2,000.00
	CLEARING AND GRUBBING				
10a	Clearing and grubbing	LS	1	\$40,000.00	\$40,000.00
11a	ENVIRONMENTAL PROTECTION Inlet protection	EA	5	\$120.00	\$600.00
	Silt fence	LF	90		\$270.00
11c	Calcium chloride (dust control)	LB	260		\$260.00
40	TRAFFIC CONTROL		400	* 440.00	* 40.000.00
12a 12b	Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control	HR HR	120 120	\$110.00 \$60.00	\$13,200.00 \$7,200.00
120	MOBILIZATION	1111	120	ψ00.00	Ψ1,200.00
13a	Mobilization (not to exceed 5%)	LS	1	\$12,900.00	\$12,900.00
	SCHEDULE B	1	T		
14a	B-inch PVC sewers, 0'-12' depth	LF	670	\$155.00	\$103,850.00
14b	8-inch C-900 sewers, 0' to 12' depth	LF	1,120	·	\$179,200.00
14c	8-inch C-900 sewers, 12' to 15' depth	LF	355	\$250.00	\$88,750.00
45	BUILDING CONNECTIONS	F.	-	#200.00	#4 400 00
15a 15b	8"x6" PVC wye or tee 8"x6" C-900 wye or tee	EA EA	7 20	\$200.00 \$300.00	\$1,400.00 \$6,000.00
	6-inch PVC building connection	LF	270	\$90.00	\$24,300.00
	6-inch C-900 building connection	LF	485	· ·	\$48,500.00
15e	Chimney connection	VF EA	30	\$150.00 \$1,500.00	\$4,500.00 \$1,500.00
15f	Cleanout MANHOLES AND APPURTENANCES	EA		\$1,500.00	\$1,500.00
16a	Precast concrete manhole - sanitary sewer (<12')	EA	11	\$6,000.00	\$66,000.00
16b 16c	Precast concrete manhole - sanitary sewer (>12') Manhole drop connection	EA VF	5	\$12,000.00 \$500.00	\$24,000.00 \$2,500.00
100	DEWATERING	VF	3	\$300.00	\$2,500.00
17a	Dewatering Property AND Propert	LS	1	\$0.01	\$0.01
18a	ROCK EXCAVATION AND DISPOSAL Rock excavation and disposal	CY	280	\$0.01	\$2.80
	MISCELLANEOUS EARTHWORK				
19a 19b	Changes in earthwork Unsuitable material	CY	100 155	\$0.01 \$0.01	\$1.00 \$1.55
19c	Test pits	CY	75	\$500.00	\$37,500.00
19d 19e	Additional crushed stone Impervious barrier	CY EA	100	\$35.00 \$1,000.00	\$3,500.00 \$3,000.00
196	SURFACE RESTORATION	LA		φ1,000.00	
20a	Loaming and seeding	LS	1	\$40,000.00	\$40,000.00
21a	PAVEMENT REPLACEMENT Temporary trench pavement	LF	1,810	\$40.00	\$72,400.00
21b	Permenent trench pavement	LF	50	\$60.00	\$3,000.00
21c	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS	TON	45	\$180.00	\$8,100.00
22a	Reconstruction of existing sewers, drains, and water mains	EA	5	\$500.00	\$2,500.00
23a	CLEARING AND GRUBBING Clearing and grubbing	LS	1	\$25,000.00	\$25,000.00
	ENVIRONMENTAL PROTECTION		<u> </u>		
24a 24b	Inlet protection Silt fence	EA LF	13 550		\$1,560.00 \$1,650.00
24c	Calcium chloride (dust control)	LB	1,510		\$1,510.00
25a	TRAFFIC CONTROL Uniformed officer for traffic control, per hour	HR	240	\$110.00	\$26,400.00
25a 25b	Trafficmen/flagment for traffic control	HR	240		
26-	MOBILIZATION	10	4	¢20,000,00	¢30 000 00
26a	Mobilization (not to exceed 5%)	LS	1	\$38,000.00 Schedule A	\$38,000.00 \$299,831.51
				Schedule B	\$829,025.36
				Base Bid (A+B)	\$1,128,856.87
				1: Math Error	

tem	Description		Estimated	True Blue Environmental		
No.	Description	Unit	Quantity	Wallingford, CT		
	SCHEDULE A			Unit Price	Total Amou	
	GRAVITY SEWER AND APPURTENANCES					
<u> </u>	8-inch PVC sewers, 0'-12' depth	LF	495	\$167.00	\$82,665.00	
	BUILDING CONNECTIONS					
а	8"x6" wye or tee	EA	7	\$542.00	\$3,794.00	
)	6-inch PVC building connection	LF	25	\$141.00	\$3,525.00	
a	MANHOLES AND APPURTENANCES Precast concrete manhole - sanitary sewer (<12')	EA	6	\$6,600.00	\$39,600.00	
	DEWATERING			ψ0,000.00	ψυυ,ουυ.ου	
ı	Dewatering	LS	1	\$12,000.00	\$12,000.00	
	ROCK EXCAVATION AND DISPOSAL					
1	Rock excavation and disposal	CY	20	\$1.00	\$20.00	
	MISCELLANEOUS EARTHWORK	CY	75	#22.00	₾0 47E 00	
a)	Changes in earthwork Unsuitable material	CY	75 75	\$33.00 \$76.00	\$2,475.00 \$5,700.00	
;	Test pits	CY	75	\$194.00	\$14,550.00	
t	Additional crushed stone	CY	75	\$44.00	\$3,300.00	
	SURFACE RESTORATION					
а	Loaming and seeding	LS	1	\$13,780.00	\$13,780.00	
	PAVEMENT REPLACEMENT	<u> </u>		*		
a O	Temporary trench payement	LF LF	260 260	\$18.50 \$20.00	\$4,810.00	
) ;	Permanent trench pavement Milling and overlay	SY	260 800	\$20.00 \$29.00	\$5,200.00 \$23,200.00	
, ;	Additional pavement	TON	20	\$150.00	\$3,000.00	
	RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS	1	25	Ţ 100.00	÷5,550.00	
3	Reconstruction of existing sewers, drains, and water mains	EA	4	\$3,020.00	\$12,080.00	
	CLEARING AND GRUBBING					
)a	Clearing and grubbing	LS	1	\$9,000.00	\$9,000.00	
	ENVIRONMENTAL PROTECTION		_	# 500.00	** *** ***	
1a 1b	Inlet protection Silt fence	EA LF	5 90	\$566.00 \$5.50	\$2,830.00 \$495.00	
1c	Calcium chloride (dust control)	LB	260	\$3.30 \$10.00	\$2,600.00	
	TRAFFIC CONTROL		200	Ψ10.00	Ψ2,000.00	
2a	Uniformed officer for traffic control, per hour	HR	120	\$110.00	\$13,200.00	
2b	Trafficmen/flagment for traffic control	HR	120	\$65.00	\$7,800.00	
	MOBILIZATION					
3a	Mobilization (not to exceed 5%)	LS	1	\$26,650.00	\$26,650.00	
	SCHEDULE B GRAVITY SEWER AND APPURTENANCES					
4a	8-inch PVC sewers, 0'-12' depth	LF	670	\$240.00	\$160,800.00	
4b	8-inch C-900 sewers, 0' to 12' depth	LF	1,120	\$168.00	\$188,160.00	
4c	8-inch C-900 sewers, 12' to 15' depth	LF	355	\$270.00	\$95,850.00	
	BUILDING CONNECTIONS					
5a	8"x6" PVC wye or tee	EA	7	\$540.00	\$3,780.00	
5b	8"x6" C-900 wye or tee	EA	20	\$540.00	\$10,800.00	
5c 5d	6-inch PVC building connection	LF LF	270 485	\$115.00 \$113.00	\$31,050.00 \$54,805.00	
ou 5e	6-inch C-900 building connection Chimney connection	VF	30	\$655.00	\$19,650.00	
5f	Cleanout	EA	1	\$6,600.00	\$6,600.00	
	MANHOLES AND APPURTENANCES			. ,		
За	Precast concrete manhole - sanitary sewer (<12')	EA	11	\$6,400.00	\$70,400.00	
3b 3c	Precast concrete manhole - sanitary sewer (>12') Manhole drop connection	EA VF	2 5	\$10,800.00 \$950.00	\$21,600.00 \$4,750.00	
<i>)</i> C	DEWATERING	VI	3	φ950.00	ψ4,730.00	
7a	Dewatering	LS	1	\$20,000.00	\$20,000.00	
	ROCK EXCAVATION AND DISPOSAL	0)/	000	#4.00	#000 00	
За	Rock excavation and disposal MISCELLANEOUS EARTHWORK	CY	280	\$1.00	\$280.00	
9а	Changes in earthwork	CY	100	\$24.00	\$2,400.00	
9b	Unsuitable material	CY	155	\$72.00	\$11,160.00	
9c 9d	Test pits Additional crushed stone	CY	75 100	\$194.00 \$43.00	\$14,550.00 \$4,300.00	
e e	Impervious barrier	EA	3	\$730.00	\$2,190.00	
	SURFACE RESTORATION			#40 = 00 00	#40 = 0 = 1 =	
Оа	Loaming and seeding PAVEMENT REPLACEMENT	LS	1	\$13,700.00	\$13,700.00	
1a	Temporary trench pavement	LF	1,810	\$14.00	\$25,340.00	
—	Permenent trench pavement	LF	50	\$70.00	\$3,500.00	
	Additional pavement	TON	45	\$180.00	\$8,100.00	
	RECONSTRUCTION OF EX SEWERS. DRAINS AND WATER MAINS	-		\$3,020.00	\$15,100.00	
c	RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains	EA	5	\$3,020 .00		
c 2a	Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING		5		#0.000.0	
c 2a	Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing	EA LS	1	\$9,000.00	\$9,000.00	
c 2a 3a	Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection	LS	1 13		\$9,000.00 \$7,358.00	
lc 2a 3a 4a	Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence	LS EA LF	1 13 550	\$9,000.00 \$566.00 \$5.50	\$7,358.00 \$3,025.00	
1b 1c 2a 3a 4a 4b	Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control)	LS	1 13	\$9,000.00 \$566.00	\$7,358.00	
1c 2a 3a 4a 4b	Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence	LS EA LF	1 13 550	\$9,000.00 \$566.00 \$5.50	\$7,358.00 \$3,025.00	
2a 3a 4a 4b 4c	Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control	LS EA LF LB	13 550 1,510	\$9,000.00 \$566.00 \$5.50 \$10.00	\$7,358.00 \$3,025.00 \$15,100.00	
2a 3a 4a 4b 4c 5a 5b	Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control MOBILIZATION	LS EA LF LB HR HR	13 550 1,510	\$9,000.00 \$566.00 \$5.50 \$10.00 \$110.00 \$65.00	\$7,358.00 \$3,025.00 \$15,100.00 \$26,400.00 \$15,600.00	
2a 2a 4a 4b 4c	Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control	LS EA LF LB	13 550 1,510 240 240	\$9,000.00 \$566.00 \$5.50 \$10.00	\$7,358.00 \$3,025.00 \$15,100.00 \$26,400.00 \$15,600.00	
c la la la la la la la la la la la la la	Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control MOBILIZATION	LS EA LF LB HR HR	1 13 550 1,510 240 240	\$9,000.00 \$566.00 \$5.50 \$10.00 \$110.00 \$65.00 \$40,100.00 Schedule A Schedule B	\$7,358.00 \$3,025.00 \$15,100.00 \$26,400.00 \$15,600.00 \$40,100.00 \$292,274.00 \$905,448.00	
c 2a 3a 4a 4b 4c	Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control MOBILIZATION	LS EA LF LB HR HR	1 13 550 1,510 240 240	\$9,000.00 \$566.00 \$5.50 \$10.00 \$110.00 \$65.00 \$40,100.00 Schedule A	\$7,358.00 \$3,025.00 \$15,100.00 \$26,400.00 \$15,600.00 \$40,100.00 \$292,274.00	

em			Estimated	A. Martins and Sons Constr		
em No.	Description	Unit	Quantity	Ludlow, MA		
				Unit Price	Total Amou	
	SCHEDULE A	<u> </u>	1			
_	GRAVITY SEWER AND APPURTENANCES	1.5	405	#400.00	ф 7 0 000 00	
а	8-inch PVC sewers, 0'-12' depth BUILDING CONNECTIONS	LF	495	\$160.00	\$79,200.00	
ì	8"x6" wye or tee	EA	7	\$350.00	\$2,450.00	
	6-inch PVC building connection	LF	25	\$130.00	\$3,250.00	
	MANHOLES AND APPURTENANCES					
ì	Precast concrete manhole - sanitary sewer (<12')	EA	6	\$7,600.00	\$45,600.00	
	DEWATERING					
1	Dewatering POOK EVOLVATION AND DISPOSAL	LS	1	\$20,000.00	\$20,000.00	
l	ROCK EXCAVATION AND DISPOSAL Rock excavation and disposal	CY	20	\$1.00	\$20.00	
l.	MISCELLANEOUS EARTHWORK		20	φ1.00	φ20.00	
l	Changes in earthwork	CY	75	\$1.00	\$75.00	
,	Unsuitable material	CY	75	\$1.00	\$75.00	
;	Test pits	CY	75	\$1.00	\$75.00	
I	Additional crushed stone	CY	75	\$1.00	\$75.00	
	SURFACE RESTORATION					
	Loaming and seeding	LS	1	\$25,000.00	\$25,000.00	
	PAVEMENT REPLACEMENT	LF	260	¢45.00	¢44.700.00	
1	Temporary trench pavement Permanent trench pavement	LF	260 260	\$45.00 \$60.00	\$11,700.00 \$15,600.00	
;	Milling and overlay	SY	800	\$60.00	\$15,600.00	
	Additional pavement	TON	20	\$1.00	\$20.00	
	RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS		20	Ψ1.00	Ψ20.00	
ì	Reconstruction of existing sewers, drains, and water mains	EA	4	\$600.00	\$2,400.00	
	CLEARING AND GRUBBING					
а	Clearing and grubbing	LS	1	\$50,000.00	\$50,000.00	
	ENVIRONMENTAL PROTECTION					
	Inlet protection	EA	5	\$250.00	\$1,250.00	
	Silt fence	LF	90	\$10.00		
С	Calcium chloride (dust control)	LB	260	\$1.00	\$260.00	
	TRAFFIC CONTROL		400	# 440.00	* 40.000.00	
	Uniformed officer for traffic control, per hour	HR	120	\$110.00	\$13,200.00	
b	Trafficmen/flagment for traffic control MOBILIZATION	HR	120	\$80.00	\$9,600.00	
а	Mobilization (not to exceed 5%)	LS	1	\$10,000.00	\$10,000.00	
<u> </u>	SCHEDULE B	1 20		ψ10,000.00	ψ10,000.00	
	GRAVITY SEWER AND APPURTENANCES					
·a	8-inch PVC sewers, 0'-12' depth	LF	670	\$160.00	\$107,200.00	
·b	8-inch C-900 sewers, 0' to 12' depth	LF	1,120	\$180.00	\$201,600.0	
·c	8-inch C-900 sewers, 12' to 15' depth	LF	355	\$275.00	\$97,625.00	
	BUILDING CONNECTIONS					
	8"x6" PVC wye or tee	EA	7	\$350.00	\$2,450.00	
	8"x6" C-900 wye or tee	EA	20	\$800.00	\$16,000.00	
	6-inch PVC building connection	LF LF	270	\$110.00	\$29,700.00	
	6-inch C-900 building connection Chimney connection	VF	485 30	\$120.00 \$450.00	\$58,200.00 \$13,500.00	
	Cleanout	EA	1	\$750.00	\$13,300.00	
'1	MANHOLES AND APPURTENANCES		'	Ψ130.00	Ψ130.0	
ia	Precast concrete manhole - sanitary sewer (<12')	EA	11	\$7,600.00	\$83,600.00	
b	Precast concrete manhole - sanitary sewer (>12')	EA	2	\$10,000.00	\$20,000.00	
ic	Manhole drop connection	VF	5	\$200.00	\$1,000.0	
a	DEWATERING Dewatering	LS	1	\$25,000.00	\$25,000.0	
а	ROCK EXCAVATION AND DISPOSAL	LO	- 1	φ25,000.00	φ25,000.00	
a	Rock excavation and disposal	CY	280	\$1.00	\$280.00	
	MISCELLANEOUS EARTHWORK	<u> </u>			***	
	Changes in earthwork Unsuitable material	CY	100 155	\$1.00 \$1.00	\$100.00 \$155.00	
	Test pits	CY	75	\$1.00 \$1.00	\$155.00 \$75.00	
d	Additional crushed stone	CY	100	\$1.00	\$100.00	
е	Impervious barrier	EA	3	\$1,000.00	\$3,000.00	
_		1		\$25,000.00	\$25,000.00	
	SURFACE RESTORATION Loaming and seeding	10	7 -	φ∠Ό,000.00	φ∠υ,∪∪∪.∪(
	Loaming and seeding	LS	1			
а	Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement	LF	1,810	\$35.00		
a a b	Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement	LF LF	50	\$60.00	\$3,000.00	
a a b	Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement	LF			\$3,000.00	
a a b c	Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement	LF LF	50	\$60.00	\$3,000.00 \$8,100.00	
a a b c	PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING	LF LF TON	50 45	\$60.00 \$180.00 \$600.00	\$3,000.00 \$8,100.00 \$3,000.00	
a a b c	PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing	LF LF TON	50 45	\$60.00 \$180.00	\$3,000.00 \$8,100.00 \$3,000.00	
a b c	PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION	LF LF TON	50 45 5	\$60.00 \$180.00 \$600.00 \$65,000.00	\$3,000.00 \$8,100.00 \$3,000.00 \$65,000.00	
a b c a a b	PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence	LF LF TON	50 45 5 1 13 550	\$60.00 \$180.00 \$600.00	\$3,000.00 \$8,100.00 \$3,000.00 \$65,000.00 \$2,600.00 \$5,500.00	
a b c c c c c c c c c c c c c c c c c c	PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control)	LF LF TON EA	50 45 5 1 13	\$60.00 \$180.00 \$600.00 \$65,000.00 \$200.00	\$3,000.00 \$8,100.00 \$3,000.00 \$65,000.00 \$2,600.00 \$5,500.00	
a b c c c c c c c c c c c c c c c c c c	PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL	LF LF TON EA LS EA LF LB	50 45 5 1 13 550 1,510	\$60.00 \$180.00 \$600.00 \$65,000.00 \$200.00 \$10.00 \$1.00	\$3,000.00 \$8,100.00 \$3,000.00 \$65,000.00 \$2,600.00 \$5,500.00 \$1,510.00	
a a a a b c	PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour	LF LF TON EA LS EA LF LB	50 45 5 1 13 550 1,510	\$60.00 \$180.00 \$600.00 \$65,000.00 \$200.00 \$10.00 \$1.00 \$110.00	\$3,000.00 \$8,100.00 \$3,000.00 \$65,000.00 \$2,600.00 \$5,500.00 \$1,510.00 \$26,400.00	
a a b c a a b c	PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL	LF LF TON EA LS EA LF LB	50 45 5 1 13 550 1,510	\$60.00 \$180.00 \$600.00 \$65,000.00 \$200.00 \$10.00 \$1.00	\$3,000.00 \$8,100.00 \$3,000.00 \$65,000.00 \$2,600.00 \$5,500.00 \$1,510.00 \$26,400.00	
a a a b c a b	PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control	LF LF TON EA LS EA LF LB	50 45 5 1 13 550 1,510 240 240	\$60.00 \$180.00 \$600.00 \$65,000.00 \$10.00 \$1.00 \$110.00 \$80.00	\$3,000.00 \$8,100.00 \$3,000.00 \$65,000.00 \$2,600.00 \$5,500.00 \$1,510.00 \$19,200.00	
a a b c a b b	PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control MOBILIZATION	LF LF TON EA LS EA LF LB	50 45 5 1 13 550 1,510 240 240	\$60.00 \$180.00 \$600.00 \$65,000.00 \$10.00 \$1.00 \$110.00 \$80.00 \$40,000.00 Schedule A	\$3,000.00 \$8,100.00 \$3,000.00 \$65,000.00 \$2,600.00 \$5,500.00 \$1,510.00 \$19,200.00 \$40,000.00 \$338,750.00	
a a b c a b b c b	PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control MOBILIZATION	LF LF TON EA LS EA LF LB	50 45 5 1 13 550 1,510 240 240	\$60.00 \$180.00 \$600.00 \$65,000.00 \$10.00 \$1.00 \$110.00 \$80.00	\$63,350.00 \$3,000.00 \$8,100.00 \$3,000.00 \$65,000.00 \$5,500.00 \$1,510.00 \$19,200.00 \$40,000.00 \$338,750.00 \$922,995.00 \$1,261,745.00	

4 ~ ··			Estimate -	B&W Paving and Landscaping		
tem No.	Description	Unit	Estimated Quantity	Waterford, CT		
			quantity	Unit Price	Total Amou	
	SCHEDULE A					
	GRAVITY SEWER AND APPURTENANCES					
а	8-inch PVC sewers, 0'-12' depth	LF	495	\$150.00	\$74,250.00	
	BUILDING CONNECTIONS			# 050.00	44.750.0	
	8"x6" wye or tee	EA LF	7	\$250.00	\$1,750.00	
)	6-inch PVC building connection	LF	25	\$350.00	\$8,750.00	
	MANHOLES AND APPURTENANCES Precast concrete manhole - sanitary sewer (<12')	EA	6	¢7 500 00	\$45,000,00	
1	DEWATERING	EA	0	\$7,500.00	\$45,000.00	
1	Dewatering	LS	1	\$18,500.00	\$18,500.00	
	ROCK EXCAVATION AND DISPOSAL	LO	'	ψ10,500.00	ψ10,500.00	
	Rock excavation and disposal	CY	20	\$150.00	\$3,000.00	
	MISCELLANEOUS EARTHWORK	- 01	20	Ψ100.00	ψο,σσσ.σ	
	Changes in earthwork	CY	75	\$20.00	\$1,500.0	
	Unsuitable material	CY	75	\$20.00	\$1,500.0	
	Test pits	CY	75	\$100.00	\$7,500.0	
	Additional crushed stone	CY	75	\$40.00	\$3,000.0	
	SURFACE RESTORATION					
	Loaming and seeding	LS	1	\$9,500.00	\$9,500.0	
	PAVEMENT REPLACEMENT					
	Temporary trench pavement	LF	260	\$25.00	\$6,500.00	
)	Permanent trench pavement	LF	260	\$60.00	\$15,600.0	
	Milling and overlay	SY	800	\$25.00	\$20,000.0	
	Additional pavement	TON	20	\$150.00	\$3,000.0	
	RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS			·		
l	Reconstruction of existing sewers, drains, and water mains	EA	4	\$10,000.00	\$40,000.0	
	CLEARING AND GRUBBING			ψ10,000.00	ψ10,000.0	
a	Clearing and grubbing	LS	1	\$25,000.00	\$25,000.0	
.	ENVIRONMENTAL PROTECTION		<u> </u>	Ψ20,000.00	Ψ20,000.0	
а	Inlet protection	EA	5	\$250.00	\$1,250.0	
	Silt fence	LF	90	·		
C	Calcium chloride (dust control)	LB	260	\$2.00	\$500.00	
C	TRAFFIC CONTROL	LD	200	φ2.00	φ520.00	
	Uniformed officer for traffic control, per hour	HR	120	\$110.00	\$13,200.0	
a b	Trafficmen/flagment for traffic control	HR	120	\$65.00	\$7,800.0	
.D		пк	120	\$05.00	\$7,800.00	
а	MOBILIZATION Mobilization (not to exceed 5%)	LS	1	¢15 000 00	\$15,000.0	
a	SCHEDULE B	Lo	'	\$15,000.00	\$15,000.00	
_	GRAVITY SEWER AND APPURTENANCES	1.5	670	£400.00	\$420 COO O	
	8-inch PVC sewers, 0'-12' depth	LF	670	\$180.00	\$120,600.0	
	8-inch C-900 sewers, 0' to 12' depth	LF	1,120	\$200.00	\$224,000.0	
С	8-inch C-900 sewers, 12' to 15' depth	LF	355	\$350.00	\$124,250.0	
	BUILDING CONNECTIONS			фого oo	¢4.750.0	
	8"x6" PVC wye or tee	EA EA	20	\$250.00 \$300.00	\$1,750.0	
	8"x6" C-900 wye or tee	_			\$6,000.0	
	6-inch PVC building connection	LF	270	\$300.00	\$81,000.0	
	6-inch C-900 building connection	LF VF	485	\$315.00	\$152,775.0	
e	Chimney connection		30	\$500.00	\$15,000.0	
f	Cleanout	EA	1	\$500.00	\$500.0	
	MANHOLES AND APPURTENANCES		44	¢7. ΓΩΩ ΩΩ	#00 F00 0	
	Precast concrete manhole - sanitary sewer (<12') Precast concrete manhole - sanitary sewer (>12')	EA EA	11	\$7,500.00 \$15,000.00	\$82,500.0 \$30,000.0	
	Manhole drop connection	VF	5	\$15,000.00	\$30,000.0	
_	DEWATERING	† ''		Ψ000.00	40,000.0	
a	Dewatering	LS	1	\$45,000.00	\$45,000.0	
	ROCK EXCAVATION AND DISPOSAL					
а	Rock excavation and disposal	CY	280	\$150.00	\$42,000.0	
	MISCELLANEOUS EARTHWORK		100	* ***********************************	# 0.000 =	
	Changes in earthwork Unsuitable material	CY	100 155	\$20.00 \$20.00	\$2,000.0 \$3,100.0	
	Test pits	CY	75 75	\$20.00 \$100.00		
	Additional crushed stone	CY	100	\$40.00		
e	Impervious barrier	EA	3	\$3,000.00	\$9,000.0	
	SURFACE RESTORATION					
a	Loaming and seeding	LS	1	\$25,000.00	\$25,000.00	
	PAVEMENT REPLACEMENT		1 2 1 2	40= 0=	M4F 070 7	
	Temporary trench payement	LF LF	1,810	\$25.00 \$60.00	\$45,250.0 \$3,000.0	
	Permenent trench pavement Additional pavement	TON	50 45	\$60.00 \$150.00	\$3,000.00 \$6,750.00	
<u> </u>	RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS	ION	40	ψ150.00	ψυ, ε συ.υ	
а	Reconstruction of existing sewers, drains, and water mains	EA	5	\$10,000.00	\$50,000.0	
	CLEARING AND GRUBBING					
а	Clearing and grubbing	LS	1	\$25,000.00	\$25,000.0	
	ENVIRONMENTAL PROTECTION			A =	**	
a L	Inlet protection	EA	13	\$200.00	\$2,600.0	
b c	Silt fence Calcium chloride (dust control)	LF LB	550 1,510	\$4.00 \$2.00	\$2,200.0 \$3,020.0	
	TRAFFIC CONTROL	LD	1,310	φ∠.∪0	φυ,υ∠υ.υ	
ia	Uniformed officer for traffic control, per hour	HR	240	\$110.00	\$26,400.0	
b	Trafficmen/flagment for traffic control	HR	240	\$65.00	\$15,600.0	
	MOBILIZATION					
а	Mobilization (not to exceed 5%)	LS	1	\$55,000.00	\$55,000.0	
				Schedule A	\$322,480.00	
				Schedule B	\$1,213,795.0	
				Base Bid (A+B)	\$1,536,275.00	
		1	1	i l		

ltem No.			Estimated		Construction
NO.	Description	Unit	Quantity		ord, CT
	COUEDINE A			Unit Price	Total Amou
	SCHEDULE A GRAVITY SEWER AND APPURTENANCES				
а	8-inch PVC sewers, 0'-12' depth	LF	495	\$242.00	\$119,790.00
	BUILDING CONNECTIONS				
a -	8"x6" wye or tee	EA	7	\$250.00	
b	6-inch PVC building connection MANHOLES AND APPURTENANCES	LF	25	\$250.00	\$6,250.00
a	Precast concrete manhole - sanitary sewer (<12')	EA	6	\$6,800.00	\$40,800.00
	DEWATERING				
а	Dewatering	LS	1	\$20,000.00	\$20,000.00
а	ROCK EXCAVATION AND DISPOSAL Rock excavation and disposal	CY	20	\$400.00	\$8,000.00
a	MISCELLANEOUS EARTHWORK	Ci	20	\$400.00	φο,υυυ.υι
а	Changes in earthwork	CY	75	\$80.00	\$6,000.00
b	Unsuitable material	CY	75	\$66.00	\$4,950.00
c d	Test pits Additional crushed stone	CY	75 75	\$500.00 \$65.00	, - ,
u	SURFACE RESTORATION	Ci	75	\$65.00	φ4,67 3.0C
a	Loaming and seeding	LS	1	\$20,000.00	\$20,000.00
	PAVEMENT REPLACEMENT				
a	Temporary trench pavement	LF	260	\$23.00 \$53.00	
))	Permanent trench pavement Milling and overlay	LF SY	260 800	\$52.00 \$35.00	
; ;	Additional pavement	TON	20	\$35.00 \$170.00	\$28,000.00
	RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS			, 5.00	, , , , , , , ,
а	Reconstruction of existing sewers, drains, and water mains	EA	4	\$2,800.00	\$11,200.00
١-	CLEARING AND GRUBBING	1.0		# 7 0 5 00 00	#70 500 6
)a	Clearing and grubbing ENVIRONMENTAL PROTECTION	LS	1	\$78,500.00	\$78,500.00
la	Inlet protection	EA	5	\$140.00	\$700.00
1b	Silt fence	LF	90	\$5.00	
lc	Calcium chloride (dust control)	LB	260	\$2.60	\$676.00
\	TRAFFIC CONTROL	LID	100	#440.00	£42.000.00
2a 2b	Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control	HR HR	120 120	\$110.00 \$63.00	\$13,200.00 \$7,560.00
	MOBILIZATION	1113	120	ψ00.00	ψ1,500.00
3a	Mobilization (not to exceed 5%)	LS	1	\$20,000.00	\$20,000.00
	SCHEDULE B	1	1		
1 -	GRAVITY SEWER AND APPURTENANCES	1.5	670	#220.00	¢454.400.00
1a 1b	8-inch PVC sewers, 0'-12' depth 8-inch C-900 sewers, 0' to 12' depth	LF LF	670 1,120	\$230.00 \$168.00	\$154,100.00 \$188,160.00
lc	8-inch C-900 sewers, 12' to 15' depth	LF	355	\$260.00	\$92,300.00
	BUILDING CONNECTIONS				
	8"x6" PVC wye or tee	EA	7	\$300.00	
5b	8"x6" C-900 wye or tee	EA LF	20	\$600.00 \$142.00	
ōc ōd	6-inch PVC building connection 6-inch C-900 building connection	LF	270 485	\$142.00 \$150.00	
je	Chimney connection	VF	30	\$358.00	
ōf	Cleanout	EA	1	\$445.00	\$445.00
· _	MANHOLES AND APPURTENANCES		44	ФС СОО ОО	ф 7 0 000 00
∂a ∂b	Precast concrete manhole - sanitary sewer (<12') Precast concrete manhole - sanitary sewer (>12')	EA EA	11	\$6,600.00 \$8,600.00	\$72,600.00 \$17,200.00
ЭС	Manhole drop connection	VF	5	\$500.00	
7a	DEWATERING Dewatering	LS	1	\$92,200.00	\$92,200.00
<i>i</i> a	ROCK EXCAVATION AND DISPOSAL	LS	!	φ92,200.00	φ92,200.00
За	Rock excavation and disposal	CY	280	\$386.00	\$108,080.00
	MISCELLANEOUS EARTHWORK			•	
e Pb	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material	CY CY	100 155	\$80.00 \$66.00	\$10,230.00
e Da Db Dc	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits	CY CY CY	100 155 75	\$80.00 \$66.00 \$456.00	\$8,000.00 \$10,230.00 \$34,200.00
e e e e e e e e e e e e e e e e e e e	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material	CY CY	100 155	\$80.00 \$66.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00
9a 9b 9c 9d 9e	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION	CY CY CY CY EA	100 155 75	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00
e Da Db Dc Dd De	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding	CY CY CY	100 155 75	\$80.00 \$66.00 \$456.00 \$62.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00
e Pa Da Da Da Da	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement	CY CY CY CY EA	100 155 75 100 3	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00 \$20,000.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00 \$20,000.00
e de la	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement	CY CY CY CY EA LS	100 155 75 100 3 1 1,810	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00 \$20,000.00 \$23.00 \$52.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00 \$20,000.00 \$41,630.00 \$2,600.00
e de la	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS	CY CY CY CY EA LS LF LF TON	100 155 75 100 3	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00 \$20,000.00 \$23.00 \$52.00 \$170.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00 \$20,000.00 \$41,630.00 \$2,600.00 \$7,650.00
e de la	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains	CY CY CY CY EA LS	100 155 75 100 3 1 1,810	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00 \$20,000.00 \$23.00 \$52.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00 \$20,000.00 \$41,630.00 \$2,600.00 \$7,650.00
∂a ∂b ∂c ∂d ∂e ∂a la lb lc	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS	CY CY CY CY EA LS LF LF TON	100 155 75 100 3 1 1,810 50	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00 \$20,000.00 \$23.00 \$52.00 \$170.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00 \$20,000.00 \$41,630.00 \$2,600.00 \$7,650.00
Da D	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION	CY CY CY CY EA LS LF TON EA	100 155 75 100 3 1 1,810 50 45	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00 \$20,000.00 \$23.00 \$52.00 \$170.00 \$2,600.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00 \$20,000.00 \$2,600.00 \$7,650.00 \$13,000.00
9a 9b 9c 9d 9e 9a 1a 1b 1c	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection	CY CY CY CY EA LS LF TON EA LS	100 155 75 100 3 1 1,810 50 45	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00 \$20,000.00 \$23.00 \$52.00 \$170.00 \$2,600.00 \$58,000.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00 \$20,000.00 \$41,630.00 \$2,600.00 \$7,650.00 \$13,000.00
9a 9b 9c 9d 9e 0a 1a 1b 1c 2a 3a	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION	CY CY CY CY EA LS LF TON EA	100 155 75 100 3 1 1,810 50 45	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00 \$20,000.00 \$23.00 \$52.00 \$170.00 \$2,600.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00 \$20,000.00 \$2,600.00 \$7,650.00 \$13,000.00 \$1,820.00 \$2,750.00
9c 9d 9e 0a 1a 1b 1c 2a 3a 4b 4c	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL	CY CY CY CY EA LS LF TON EA LS LS	100 155 75 100 3 1 1,810 50 45 5 1	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00 \$20,000.00 \$23.00 \$52.00 \$170.00 \$2,600.00 \$58,000.00 \$5.00 \$5.00 \$2.60	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00 \$20,000.00 \$2,600.00 \$7,650.00 \$13,000.00 \$1,820.00 \$2,750.00 \$3,926.00
9a 9b 9c 9d 9e 0a 1b 1c 2a 3a	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control)	CY CY CY CY EA LS LF TON EA LS	100 155 75 100 3 1 1,810 50 45 5	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00 \$20,000.00 \$23.00 \$52.00 \$170.00 \$2,600.00 \$58,000.00 \$140.00 \$5.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00 \$20,000.00 \$2,600.00 \$7,650.00 \$13,000.00 \$1,820.00 \$2,750.00 \$3,926.00
9a 9b 9c 9d 9d 9e 1a 1b 1c 2a 3a 4b 4c	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control MOBILIZATION	CY CY CY CY EA LS LF TON EA LS HR HR	100 155 75 100 3 1 1,810 50 45 5 1 13 550 1,510	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00 \$20,000.00 \$23.00 \$52.00 \$170.00 \$2,600.00 \$58,000.00 \$5.00 \$5.00 \$140.00 \$5.00 \$110.00 \$63.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00 \$20,000.00 \$41,630.00 \$2,600.00 \$7,650.00 \$13,000.00 \$1,820.00 \$2,750.00 \$3,926.00 \$15,120.00
9a 9b 9b 9c 9d 9e 9d 9e 9d	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control	CY CY CY CY EA LS LF TON EA LS HR	100 155 75 100 3 1 1,810 50 45 5 1 13 550 1,510	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00 \$20,000.00 \$23.00 \$52.00 \$170.00 \$2,600.00 \$58,000.00 \$140.00 \$5.00 \$110.00 \$63.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00 \$20,000.00 \$2,600.00 \$7,650.00 \$13,000.00 \$1,820.00 \$2,750.00 \$3,926.00 \$15,120.00 \$56,000.00
Da D	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control MOBILIZATION	CY CY CY CY EA LS LF TON EA LS HR HR	100 155 75 100 3 1 1,810 50 45 5 1 13 550 1,510	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00 \$20,000.00 \$23.00 \$52.00 \$170.00 \$2,600.00 \$58,000.00 \$5.00 \$2.60 \$110.00 \$63.00 \$56,000.00 Schedule A	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00 \$20,000.00 \$2,600.00 \$7,650.00 \$13,000.00 \$1,820.00 \$2,750.00 \$3,926.00 \$15,120.00 \$453,101.00 \$1,175,091.00
Da D	MISCELLANEOUS EARTHWORK Changes in earthwork Unsuitable material Test pits Additional crushed stone Impervious barrier SURFACE RESTORATION Loaming and seeding PAVEMENT REPLACEMENT Temporary trench pavement Permenent trench pavement Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS Reconstruction of existing sewers, drains, and water mains CLEARING AND GRUBBING Clearing and grubbing ENVIRONMENTAL PROTECTION Inlet protection Silt fence Calcium chloride (dust control) TRAFFIC CONTROL Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control MOBILIZATION	CY CY CY CY EA LS LF TON EA LS HR HR	100 155 75 100 3 1 1,810 50 45 5 1 13 550 1,510	\$80.00 \$66.00 \$456.00 \$62.00 \$1,350.00 \$20,000.00 \$52.00 \$170.00 \$2,600.00 \$58,000.00 \$140.00 \$5.00 \$110.00 \$63.00 \$56,000.00	\$8,000.00 \$10,230.00 \$34,200.00 \$6,200.00 \$4,050.00 \$20,000.00 \$41,630.00 \$2,600.00 \$7,650.00 \$13,000.00 \$1,820.00 \$2,750.00 \$3,926.00 \$15,120.00

Item	Description	Unit	Estimated	Caracas Construction Ludlow, MA		
No.	·		Quantity	Unit Price	Total Amou	
	SCHEDULE A	1				
	GRAVITY SEWER AND APPURTENANCES	LF	495	\$150.00	¢74 250 00	
3	8-inch PVC sewers, 0'-12' depth BUILDING CONNECTIONS	LF	495	\$150.00	\$74,250.00	
l	8"x6" wye or tee	EA	7	\$500.00	\$3,500.00	
)	6-inch PVC building connection	LF	25	\$250.00	\$6,250.00	
	MANHOLES AND APPURTENANCES					
1	Precast concrete manhole - sanitary sewer (<12')	EA	6	\$8,000.00	\$48,000.00	
	DEWATERING	1.0		* 00 000 00	***	
3	Dewatering POCK EXCAVATION AND DISPOSAL	LS	1	\$23,000.00	\$23,000.00	
<u> </u>	ROCK EXCAVATION AND DISPOSAL Rock excavation and disposal	CY	20	\$150.00	\$3,000.00	
4	MISCELLANEOUS EARTHWORK	1 01	20	Ψ100.00	ψο,οσο.σο	
а	Changes in earthwork	CY	75	\$55.00	\$4,125.00	
)	Unsuitable material	CY	75	\$45.00	\$3,375.00	
	Test pits	CY	75	\$70.00	\$5,250.00	
b	Additional crushed stone	CY	75	\$75.00	\$5,625.00	
	SURFACE RESTORATION					
а	Loaming and seeding	LS	1	\$25,000.00	\$25,000.00	
	PAVEMENT REPLACEMENT		200	* 40.00	* 40.400.00	
а Э	Temporary trench payement	LF	260	\$40.00 \$70.00	\$10,400.00	
) :	Permanent trench pavement Milling and overlay	LF SY	260 800	\$70.00 \$160.00		
))	Additional pavement	TON	20	\$160.00	\$5,000.00	
-	RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS	1.014	20	Ψ200.00	ψο,σσσ.σσ	
a	Reconstruction of existing sewers, drains, and water mains	EA	4	\$1,000.00	\$4,000.00	
	CLEARING AND GRUBBING					
0a	Clearing and grubbing	LS	1	\$35,000.00	\$35,000.00	
	ENVIRONMENTAL PROTECTION					
1a	Inlet protection	EA	5	\$200.00	\$1,000.00	
	Silt fence	LF	90	\$25.00		
1c	Calcium chloride (dust control)	LB	260	\$1.00	\$260.00	
	TRAFFIC CONTROL	LID	400	#440.00	#40.000.00	
2a	Uniformed officer for traffic control, per hour	HR	120	\$110.00 \$120.00	\$13,200.00	
2b	Trafficmen/flagment for traffic control MOBILIZATION	HR	120	\$120.00	\$14,400.00	
3a	Mobilization (not to exceed 5%)	LS	1	\$20,000.00	\$20,000.00	
<u> </u>	SCHEDULE B	1 20		Ψ20,000.00	Ψ20,000.00	
	GRAVITY SEWER AND APPURTENANCES					
4a	8-inch PVC sewers, 0'-12' depth	LF	670	\$150.00	\$100,500.00	
4b	8-inch C-900 sewers, 0' to 12' depth	LF	1,120	\$190.00	\$212,800.00	
4c	8-inch C-900 sewers, 12' to 15' depth	LF	355	\$500.00	\$177,500.00	
	BUILDING CONNECTIONS					
5a	8"x6" PVC wye or tee	EA	7	\$500.00		
5b	8"x6" C-900 wye or tee	EA	20	\$1,000.00	\$20,000.00	
5c	6-inch PVC building connection	LF	270	\$200.00	\$54,000.00	
5d 5e	6-inch C-900 building connection Chimney connection	LF VF	485 30	\$300.00 \$300.00	\$145,500.00 \$9,000.00	
5e 5f	Cleanout	EA	30	\$2,000.00	\$2,000.00	
Ji	MANHOLES AND APPURTENANCES	LA	!	φ2,000.00	φ2,000.00	
6a	Precast concrete manhole - sanitary sewer (<12')	EA	11	\$8,000.00	\$88,000.00	
6b	Precast concrete manhole - sanitary sewer (>12')	EA	2	\$18,000.00	\$36,000.00	
6c	Manhole drop connection	VF	5	\$1,000.00	\$5,000.00	
7-	Dewatering Dewatering	LS	4	\$25,000.00	\$25,000.00	
7a	Dewatering ROCK EXCAVATION AND DISPOSAL	LO	1	დ∠ნ,∪∪∪.∪0	φ∠3,000.00	
8a	Rock excavation and disposal	CY	280	\$150.00	\$42,000.00	
	MISCELLANEOUS EARTHWORK			<u> </u>	*=	
9a_ 9b	Changes in earthwork Unsuitable material	CY	100 155	\$55.00 \$45.00	\$5,500.00 \$6,975.00	
9c	Test pits	CY	75	\$70.00	\$5,250.00	
9d	Additional crushed stone	CY	100	\$75.00	\$7,500.00	
9e	Impervious barrier	EA	3	\$5,000.00	\$15,000.00	
Λ α	SURFACE RESTORATION Loaming and seeding	LS	4	\$25,000.00	\$25,000.00	
0a	PAVEMENT REPLACEMENT	LO	1	დ∠ნ,∪∪∪.∪0	φ∠3,000.00	
1a	Temporary trench pavement	LF	1,810	\$40.00	\$72,400.00	
1b	Permenent trench pavement	LF	50	\$100.00	\$5,000.00	
1c	Additional pavement RECONSTRUCTION OF EX SEWERS, DRAINS AND WATER MAINS	TON	45	\$250.00	\$11,250.00	
2a	Reconstruction of existing sewers, drains, and water mains	EA	5	\$1,000.00	\$5,000.00	
	CLEARING AND GRUBBING					
За	Clearing and grubbing	LS	1	\$40,000.00	\$40,000.00	
4a	ENVIRONMENTAL PROTECTION Inlet protection	EA	13	\$200.00	\$2,600.00	
4b	Silt fence	LF	550	\$25.00	\$13,750.00	
4c	Calcium chloride (dust control)	LB	1,510	\$1.00	\$1,510.00	
5-	TRAFFIC CONTROL	LID	040	6440.00	#06 400 00	
5a 5b	Uniformed officer for traffic control, per hour Trafficmen/flagment for traffic control	HR HR	240 240	\$110.00 \$120.00	\$26,400.00 \$28,800.00	
JU	MOBILIZATION	1111	240	ψ120.00	Ψ20,000.00	
6a	Mobilization (not to exceed 5%)	LS	1	\$50,000.00	\$50,000.00	
				Schedule A	\$453,085.00	
				Schedule B	\$1,242,735.00	
			1	Base Bid (A+B)	\$1,695,820.00	

SECTION 00100

INVITATION TO BID

BID HSS-041-091119RB SANITARY SEWER IMPROVEMENTS PROJECT SCHEDULE A – HARTFORD AVENUE EASEMENT AND LYMAN DRIVE SCHEDULE B – HOMESTEAD ROAD AND KIMBALL LANE

Sealed bids are invited and will be received by the City of Torrington, at the office of the City Purchasing Agent, City Hall, 140 Main Street, Room 206, Torrington, Connecticut 06790 until 11:00 A.M., March 26, 2020 at which time and place they will be publicly opened and read aloud. In the event of the closure of City Hall, the bid will be opened at same time on the following business day that City Hall is opened. Each bid must be submitted on the forms provided and in a sealed envelope bearing on the outside, the name of the bidder, his address, and the name of the project for which the bid is submitted, bid number and bid opening date/time clearly identified on the outside of the envelope/package. A bid bond in an amount not less than five percent (5%) of the amount of the bid shall accompany each bid. A non-collusion statement for Prime Contractors and any addendum acknowledgement must also be submitted at the time of the bid.

The project consists of, but is not limited to: the furnishing of all equipment, labor, material, plant, and superintendence necessary for approximately 2,600 linear feet of new or replacement sewers including bituminous pavement restoration, service laterals, precast concrete manholes, cast iron frames and covers, temporary bypass pumping, dewatering, loaming and seeding, wetlands protection, traffic control and associated miscellaneous work for the City of Torrington.

The Contract Documents will be available March 5, 2020. The Contract Documents may be examined at the following locations:

- Weston & Sampson Engineers, Inc., 273 Dividend Road, Rocky Hill, CT 06067
- City of Torrington Purchasing Dept., Rm 206, City Hall, 140 Main St., Torrington, CT 06790

Contract Documents may be viewed electronically at www.BidDocsOnline.com and hard copies requested at Nashoba Blue, Inc., 433 Main Street, Hudson, MA 01749 (978-568-1167). There is a refundable deposit of \$50.00 per set payable to BidDocs Online, Inc. Deposits may be electronically paid or must be a certified or cashier's check. Bidders requesting Contract Documents to be mailed to them shall include a separate check for \$40.00 per set for UPS Ground (or \$65.00 per set for UPS overnight), payable to the BidDocs Online, Inc., to cover mailing costs.

A performance, labor and materials bond in an amount equal to one hundred percent (100%) of the accepted bid will be required.

Bids to receive consideration, must be in the hands of the authorized representative, no later than the day and hour mentioned above. Any bid received after the date and time specified will be rejected. The City of Torrington reserves the right to accept or reject any or all bids, to waive technicalities, or; to award the contract to a bidder other than the lowest bid, and to award the contract as it feels will best serve the public interest.

SECTION 00410

FORM OF GENERAL BID

(_) a partnership
(_) a joint venture
(_) a limited liability company
(an individual doing business as

To the CITY OF TORRINGTON, CONNECTICUT (hereinafter called "Owner").

Gentlemen:

The Bidder, in compliance with your invitation for bids for BID #HSS-041091119RB SANITARY SEWER IMPROVEMENTS PROJECT, having examined the plans and specifications with related documents and the site of the proposed work and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all superintendence, labor, services, materials, equipment, plant, machinery, apparatus, appliances, tools, supplies, bailing, shoring, removal, and all other things necessary to construct the project in accordance with the contract documents, as prepared by Weston & Sampson Engineers, Inc., within the time set forth therein and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents, of which this proposal is a part.

The Bidder hereby agrees to commence work under this contract on or before a date to be fixed in the written "Notice to Proceed" given by the Owner to the Contractor and to fully complete all pipeline work related to the Contract within 120 calendar days of the execution of the Contract

06/05/2013 00410-1

or the Notice to Proceed, whichever is later, and to fully complete final restoration of work related to the Contract August 28, 2020.

The Bidder further agrees to pay as liquidated damages the sum of \$1,000 for each consecutive calendar day thereafter during which the work has not been fully completed, as provided in the "Liquidated Damages" paragraph of Section 00800 SUPPLEMENTARY CONDITIONS.

Bidder acknowledges receipt of the following addenda:

No.	Dated: 3-10-20
No. 2	Dated: 3-13-20
No. 3	Dated: 3-20-20
No.	Dated:

The Bidder agrees to perform the work described in the specifications and shown on the plans for the following lump sum or unit prices:

Item	Brief Description, Unit or Lump Sum Price	Bid #HSS-041-091119RB Sanitary Sewer Improvements Project	t
No.	(In Both Words and Figures)	Estimated Quantity, Unit Total in Figures	
	SCHEDULE A - HARTFORD A	VENUE EASEMENT AND LYMAN DRIVE	
1 1a.	8-Inch PVC sewers, per linear foot	WER AND APPURTENANCES	
	G-men P VC Sewers, per linear foot		
	Tiffy the Silvs Unit price, Dollars and cents (words)	495 LF \$ 27,225.00	
	\$ 55,00		
2	SEWER S	SERVICE CONNECTIONS	
2a.	8" x 6" wye or tee, each		_
	Three hastal and fifty dellars Unit price, Dollars and cents (words)	7 EA \$ 2,450,00	
Į.	350,00		
	Unit Price in Figures		
2b.	6-inch PVC lateral, per linear foot		
,	Fort Co. Mollars and cents (words)	25 LF \$ 1,125,00	-
	Unit Price in Figures	_	
3 3a. F	MANHOLES	S AND APPURTENANCES	
3a.	Precast concrete manhole - sanitary sewer, 0'-12' depth, each		
L	These throad fre hundred dollars and cents (words)	6 EA \$ 21,000,00	
-	Init Price in Figures		
4 4a. D	ewatering, lump sum	DEWATERING	
***	ewatering, lump sum		
U	Twenty fac Hardollary	LS \$ 25,000,00	
	725, 000,00		
5 5a. R	ROCK EXCA	VATION AND DISPOSAL	
Ja. R	ock excavation and disposal, per cubic yard		
Ur	Eighty dallows ill price, Dollars and cents (words)	20 CY \$ 1,600,00	
	il Price in Figures		
6 a. Ch	MISCELLAI nanges in earthwork, per cubic yard	NEOUS EARTHWORK	
J. Or	anges in earnwork, per cubic yard		
Uni	Twelf dollars It price, Dollars and cents (words)	75 CY S 1,500,00	
\$ Uni	20,00		

Unit or Lump Sum Price		1119RB Sanitary Sewer Improvements Project
	Estimated Quantity, Uni	t Total in Figures
Truck Sollers Unit price, Dollars and cents (words)	75 CY	\$ 1,500.00
Unit Price in Figures		
Test Pits, per cubic yard		
Unit price, Dollars and cents (words)	75 CY	s 750,00
\$ 10,00		
Additional crushed stone, per cubic yard		
Unit price, Dollars and cents (words)	75 CY	\$ 2,625,00
\$ 35.00		
SURI	FACE RESTORATION	
Loaming, seeding and mulching, lump sum		
Unil price, Dollars and Conts (words)	LS	\$ 20,000,00
\$ 20,000,00 Unit Price in Figures		
Temporary trough payement, per linear feet	MENT REPLACEMENT	
NAME OF THE PERSON OF THE PERS		
	260 LF	\$ 5,200,00
\$ 20,00		
Permanent trench pavement, per linear foot		
That Sallars Unit price, Dollars and cents (words)	260 LF	\$ 7,800,00
Ailling and overlay, per square yard		
Init price, Dollars and cents (words)	800 SY	\$ 24,000.00
		7.00 mg - 100 mg - 10
dditional pavement, per ton		
achiele that Dollar	و معلم 20	2,400,00
120,00	TOUS	
	Unit price, Dollars and cents (words) S.	Unit or Lump Sum Price (In Both Words and Figures) Unsuitable Material, per cubic yard Tourney Collars and cents (words) S ZO, 00 Unit price, Dollars and cents (words) S Louil Price in Figures Total Price in Figures In Both Price in Figures Additional crushed stone, per cubic yard Total Price in Figures Unit Price in Figures SURFACE RESTORATION Loaming, seeding and mulching, lump sum Loaming rice, Dollars and cents (words) S ZO, 00 Unit Price in Figures PAVEMENT REPLACEMENT Temporary trench pavement, per linear foot Total Dollars and cents (words) S ZO, 00 Unit Price in Figures PAVEMENT REPLACEMENT Temporary trench pavement, per linear foot Total Dollars and cents (words) S ZO, 00 Unit Price in Figures Pavement trench pavement, per linear foot Total Dollars and cents (words) S ZO, 00 Unit price, Dollars and cents (words) S ZO, 00 Unit price in Figures Milling and overlay, per square yard Total Dollars and cents (words) S ZO, 00 Interprice in Figures Milling and overlay, per square yard Total Dollars and cents (words)

Item	Brief Description,	m Price	
No.	Unit or Lump Sum Price (In Both Words and Figures)		
9	and the second of the second o		
9a.	Reconstruction of existing utilities, each	CTION OF EXISTING UTILITIE	\$
	Unit price, Dollars and cents (words)	4 EA	s 4,000.00
	S Unit Price in Figures		
10 10a.	Clearing and grubbing, lump sum	RING AND GRUBBING	
	Ten than Dollars Unit price, Dollars and cents (words)	1	s 10,000.00
	\$ \\ \O, \O\O \CO		
11 11a.	Inlet protection, each	IMENTAL PROTECTION	
. 1.5.	Two huers dally Unit price, Dollars and cents (words)	5 EA	s 1,000,00
	\$ 200,00		
11b.	Temporary silt fence, per linear foot		
	Tex dollers Unit price, Dollars and cents (words)	90 LF	s 900,00
_	S (O, OO)	-	
11c.	Calcium chloride for dust control, per pound		
	Unit price, Dollars and cents (words)	260 LB	s 650,00
_	S 2,50 Unit Price in Figures	-	
12 12a. I	Jniformed officers for traffic control, per hour	FFIC CONTROL	
9	One hundred and ten dollars and no cents Unit price, Dollars and cents (words)	120 HR	\$ 13,200.00
9	\$110.00 Unit Price in Figures		
12b. T	rafficmen/flagmen for traffic control, per hour		
U	Servet Fire Islans Init price, Dollars and cents (words)	120 HR	9,000,00
_	nil Price in Figures		
13 3a M	Mi obilization (not to exceed 5% of Items 1a through 12b)	OBILIZATION	
	nit price, Dollars and cents (words)	1 LS \$	9,000.00
\$	9,000,00		A A CONTRACTOR

Item	Brief Description, Unit or Lump Sum Price	Bid #HSS-041-091119RB Sanitary Sewer Improvements Project	
No.	(In Both Words and Figures)	Estimated Quantity, Unit Total in Figures	
		EAD ROAD AND KIMBALL LANE	-
14 14a.	8-inch PVC sewers, per linear foot	VER AND APPURTENANCES	_
148.	o-inch PVC sewers, per linear foot		
	Unit price, Dollars and cents (words)	670 LF \$ 36,850,00	
	\$ 55,00	_	
14b.	8-inch C-900 sewers, 0' to 12' depth, per linear foot		-
	Unit price, Dollars and cents (words) \$ 130,00	1,120 LF \$ 145,600.00	
	Unit Price in Figures		
146.	8-inch C-900 sewers, 12' to 20' depth, per linear foot		
	Unit price, Dollars and cents (words)	355 LF \$ 53,250.00	_
	\$ 150,000		
15	SEWER SE	RVICE CONNECTIONS	
15a.	8" x 6" PVC wye or tee, each		
-	Fan huched and fifty ddlus Unit price, Dollars and cents (words)	7 EA 8 3,150,00	
5	450,00		
	Init Price In Figures		
15b. 8	3" x 6" C-900 wye or tee, each		
ī	Six hundred and Folly dollars and cents (words)	20 EA \$ 13,000,00	
\$	650,00		
Ū	Init Price in Figures		
5c. 6	-Inch PVC lateral, per linear foot		_
U	fort Fice dallers nil price, Dollars and cents (words)	270 LF \$ 12,150,00	
the second	nil Price in Figures		
5d. 6	inch C-900 lateral, per linear foot		_
Ui	Hut Johns	485 LF \$ 43,650,00	
\$	nit Price in Figures		

Item	Brief Description,	Bld #HSS-041-091119RB Sanitary Sewer Improvements Project				
No.	Unit or Lump Sum Price (In Both Words and Figures)	Estimated Quantity, Unit	Total in Figures			
15e.	Chimney connection, per vertical foot					
	Unit price, Dollars and cents (words) \$ 300,00	30 VF	s 9,000,00			
456	Unit Price In Figures					
15f.	Cleanout, each					
	Fire huse ablus Unit price, Dollars and cents (words)	1 EA	s 500,00			
	\$ 500,00					
16	Unit Price in Figures					
The second second	MANHOLES . Precast concrete manhole - sanitary sewer, 0'-12' depth, each	AND APPERTUNANCES				
	Thre Hand Freheld Ishs Unit price, Dollars and cents (words)	11 EA	\$ 38,500,00			
	S SOO, OO					
16b.	Precast concrete manhole - sanitary sewer, 12'-20' depth, each					
	Tenthon Jollus Unit price, Dollars and cents (words)	2 EA	20,000,00			
	Unit Price in Figures					
16c.	Manhole inside drop connection, per vertical foot					
į	One hours of Solling	5 VF 5	500,00			
5	100,00					
17	Unit Price In Figures	WATERING				
11/1/2015	Dewatering, lump sum	WATERING				
U	fifty Muse Wolfes	LS \$	<i>\$0,000.00</i>			
\$	nit Price in Figures					
18		ATION AND DISPOSAL				
8a. R	ock excavation and disposal, per cubic yard					
U	Eighty dollars nil price, Dollars and conts (words)	280 CY \$	22,400,00			
\$ Ui	80.00					

Item	Brief Description, Unit or Lump Sum Price	Bid #HSS-041-091119RB Sanitary Sewer Improvements			
No.	(In Both Words and Figures)	Estimated Quantity, Unit Total in Figu	res		
19	MISCEL	ANEOUS EARTHWORK			
19a.	Changes in earthwork, per cubic yard				
	Unit price, Dollars and cents (words)	100 CY s 2,000,0	ن		
	S ZÓ,©O Unit Price in Figures				
19Ь.	Unsultable Material, per cubic yard				
	Unit price, Dollars audicents (words)	155 CY \$ 3,100,00)		
100	S ZO,00				
ıac.	Test Pits, per cubic yard				
	Ten Johns Unit price, Dollars and cents (words)	75 CY \$ 750,00			
	\$ Unit Price in Figures				
19d.	Additional crushed stone, per cubic yard				
	Unit price, Dollars and cents (words)	100 CY \$ 3,500,00	0		
-	S Unit Price in Figures				
190.	mpervious barriers, each				
	The Wholes FAFty dollars Unit price, Dollars and cents (words)	3 EA \$ 1,050,00			
	Julit Price in Figures				
20 20a. li	oaming, seeding and mulching, lump sum.	CE RESTORATION			
•	Twenty Head Sollars Init price, Dollars and cents (words)	1 LS S 20,000,0	0		
\$					
21	PAVEME	NT REPLACEMENT			
	emporary trench pavement, per linear foot	1,810 LF & 36,200,00			
\$	nit Price in Figures				

Item	Brief Description, Unit or Lump Sum Price	Bid #HSS-041-091	119RB Sanitary Sewer Improvements Project
No.	(In Both Words and Figures)	Estimated Quantity, Unit	t Total in Figures
21b.	Permanent trench pavement, per linear foot		
	Unit price, Dollars and cents (words) S Unit Price in Figures	50 LF	\$ 1,500,00
21b.	SSC COSE NOT GRADULT CONTROL AND THE PROPERTY OF		Marie Commission of the Commis
	Unit price in Figures	45 TON	\$ 5,400,00
22		TION OF EXISTING UTILITIE	g
22a.	Reconstruction of existing utilities, each	THE STEP STATE OF THE STATE OF	
	One Hund Dollars Unit price, Dollars and cents (words)	5 EA	s 5,000,00
	1,000,00		
	Unit Price in Figures		
23 23a.	CLEAI Clearing and grubbing, lump sum	RING AND GRIBBING	
	Joil price, Dollars and cents (words)	LS	s 15,000,00
24	Juit Price in Figures		
	nlet protection, each	MENTAL PROTECTION	
\$	Two hours dollars and cents (words)	13 EA	s 2,600,00
24b. T	emporary silt fence, per linear foot		
U	nit price, Dollars and cents (words)	550 LF	s 4,400,00
U	nit Price in Figures	4	
market and the same	alcium chloride for dust control, per pound		
Ui	Two dallows and fifty cents nit price, Dollars and cents (words)	1,510 LB	s 3,775,00
\$ Ur	nit Price in Figures		

Item	Brief Description, Unit or Lump Sum Price	Bid #HSS-041-091	119RB Sanitary Sewer Improvements Project
No.	(In Both Words and Figures)	Estimated Quantity, Unit	Total in Figures
25	TRA	FFIC CONTROL	7,000,000
25a.	Uniformed officers for traffic control, per hour		
	One hundred and ten dollars and no cents	240 HR	\$ 26,400.00
	Unit price, Dollars and cents (words)	240 1110	\$ 26,400.00
	\$110.00		
	Unit Price in Figures		
25b.	Trafficmen/flagmen for traffic control, per hour		
	Sout fac John Unit price, Dollars and cents (words)	240 HR	18,000,00
	75.00		
_	Unit Price in Figures		
26		DBILIZATION	
26a	Mobilization (not to exceed 5% of Items 14a through 25b)		
	Unit price, Dollars and cents (Wards)	1 LS	s 28,000,00
	28,000,00		N. Comments
	Unit Price in Figures		
5	The proposed contract price for Schedul Schedule A Hartford Avenue Easement and Lyman Circle	e A, Items 1a thru 13a, is:	191,925.00 Total Bid in Figures
	One bunded not are there	Jame Lund	
			Total Bid, Dollars and Cents (words)
	The proposed contract price for Schedule	B, Items 14a thru 26a, is:	625,225,00
S	chedule B - Homestead Road and Kimball Lane	L	Total Bid in Figures
	Six hunded that fre the	J tuo he	Total Bid, Dollar's and Cents (words)
ті	ne proposed contract price for Base Bid, Schedule A plus Schedule	B, Items 1a thru 26a, is:	817,150,00
Ba	ase Bid, Schedule A plus Schedule B		Total Bid in Figures
Č	Eight huled senetier Hum	Jarehur	Total Bid, Dollars and Cents (words)

All entries shall be made clearly in ink or typewritten. Amounts are to be shown in both words and figures. Discrepancies between words and figures will be resolved in favor of words. Discrepancies between the indicated total of unit prices multiplied by the estimated quantities and the correct total will be resolved in favor of the correct total. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

The above unit prices shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for.

The contract will be awarded to the lowest eligible and responsible bidder on the basis of the lowest bid for the Base Bid, combined Schedule A and Schedule B.

The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities in the bidding.

The Bidder agrees that this bid shall be good and may not be withdrawn for a period of ninety (60) days, Saturdays, Sundays and legal holidays excluded, after the opening of bids.

Within ten (10) days of receipt of the written notice of acceptance of this bid, the Bidder will execute the formal agreement attached in Section 00500 AGREEMENT.

Bid security is attached in the sum of five percent (5%) of the total bid in accordance with the conditions of Section 00100 INSTRUCTIONS TO BIDDERS. The bid security may become the property of the Owner in the event the contract and bond are not executed within the time set forth above.

The selected Contractor shall furnish a performance bond and a payment bond in an amount at least equal to one hundred percent (100%) of the contract prices in accordance with Section 00610 PERFORMANCE BOND, Section 00615 PAYMENT BOND, and as stipulated in paragraph 6.01 of Section 00700 GENERAL CONDITIONS of these specifications.

06/05/2013 00410-11

	ork as bid upon according to all the requirements of the plans and specifications.
L	Have been in business under present name for years.
2.	The names and addresses of all persons interested in the bid (if made by a partnership or corporation) as Principals, are as follows:
	Jesse Sallmarch
	200 A Hill side Rd
	200 A Hill side RJ Saturde, MA 01077
	(Attach supplementary list if necessary)

06/05/2013 00410-12

			61-01400			2/2013
r.	io	<u>e</u> .	ċ.	b.	'n	,3
					a Se afred think of anistatives	The Bidder is requested to state below what work of a similar character to that included in the proposed contract it has done, and give references that will enable the Owner to judge its experience, skill and business standing (add supplementary page if necessary). Completion Date Project Name Contract Amount Design Engineer Reference Name Telephone No.

Saltmarsh Industries, Inc.

P.O. Box 1144 Southwick, MA 01077

Ph: 413-569-0397 F: 413-569-0409 C: 203-809-2022

RE: Statement of qualifications

Project: Misc.

Date: 3-17-20

To Whom It May Concern:

Saltmarsh Industries, Inc. is an owner operated corporation. Saltmarsh Industries, Inc. specializes in site development, pavement management, underground utilities, water/ sewer/ drainage systems, concrete work and hardscape construction. The following projects relate directly to the activities that will be required for the Project.

East Forest Park Library

New library construction, parking lot underground utilities, and sidewalk improvements

136 Surrey Rd

Springfield, MA

Excavation, prep, and backfill of building foundation for new library. Excavation and installation of drainage, water, sewer, electrical and roof drain systems. Fine grading, installation of sidewalks, dumpster pad, curbing, fencing, and paving, and line striping of parking lot areas.

Rob Cmuchowski (WJ Mountford) Job Superintendent (860) 839-3816 Jon Jackopsic (WJ Mountford) Project Manager (860) 883-2539

Rivier University

Parking Lot Restoration/ Building Foundations/ Sidewalk Improvements

Clement Street

Excavation, prep, and backfill of building foundation, Excavation and installation of drainage, water, electrical and roof drain systems. Fine grading, installation of sidewalks, curbing, fencing, and paving, and line striping of parking lot areas.

Kurt Kargle (Hutter Construction) Job Superintendent (603) 345-7030 David Lage (Hutter Construction) Project Manager (603) 608-7004

Tru By Hilton Hotel

New Hotel Building/ Site Development

450 Memorial Drive

Chicopee, MA

Excavation, prep, and backfill of building foundation for new hotel. Excavation and installation of drainage, water, sewer, electrical and roof drain systems. Fine grading, installation of sidewalks, dumpster pad, curbing, fencing, and paving, and line striping of parking lot areas. Furnish, and installation of landscape areas, and irrigation system.

Hershal Patel (Chicopee Hospitality) Owner (617) 905-8078 Mark Gambracortia (BBL Construction) Project Manager (518) 573-4656 Rob Levesques (RLA Associates) Civil Engineer 413-348-6153

St Mary's Church Parking Lot and Drainage Restoration

59 South Street

Ware, MA

Excavation and installation of ADS drain line, storage manholes, and catch basins. Excavation and installation of all concrete sidewalks. Installation of retaining walls. Excavation and repaving of existing parking lot and driveway areas. Loam and seed of disturbed areas, and Line Striping of parking lot.

Father Jeff Ballou (St Mary's Church/ Owner Representative) (413) 949-0839

Rockridge Retirement Community Retirement Community New Building/ Site Development

25 Coles Meadow Rd

Northampton, MA

Excavation, prep, and backfill of building foundation for 30,000 sqft addition +/-. Installation of building foundation, and interior slabs. Excavation and installation of retaining walls, drainage, water, sewer, and roof drain systems. Fine grading, installation of sidewalks, dumpster pad, curbing, fencing, and paving, and line striping of parking lot areas. Furnish, and installation of landscape areas, and irrigation system.

Les Somero (Hutter Construction) Job Superintendent (603) 620-0268 Joe Haavisto (Hutter Construction) Project Manager (603) 620-0389

Advanced Auto Parts

Pittsfield Store New Building/ Site Development

630 Merrill Rd

Pittsfield, MA

Excavation, prep, and backfill of building foundation, Excavation and installation of drainage, water, sewer, and roof drain systems. Installation and fine grading of processed gravel sub base, interior slab, sidewalks, dumpster pad, and parking lot. Furnish and installation of lite pole bases, and electrical, gas, and plumbing trenching.

Travis Teale (Bast Hatfield) Project Manager (518) 528-1801 AJ Lomnes (Bast Hatfield) Executive Vice President (518) 365-9997

Rite Aid

Southwick Store New Building/ Site Development

592 College Highway

Southwick, MA 01077

Excavation, prep, and backfill of building foundation, Excavation and installation of retaining walls, drainage, water, sewer, and roof drain systems. Fine grading, installation of sidewalks, dumpster pad, drive thru island, curbing, fencing, guardrail, and paving, and line striping of parking lot areas.

Gordon Webster (Bast Hatfield) Job Superintendent (518) 858-8679 John Vandish (Bast Hatfield) Project Manager (518) 858-8705

Town of Longmeadow Sidewalk Contract 2015

20 Williams Street

Longmeadow, MA 01106

Excavation and installation town sidewalks. Loam and seed of disturbed areas. Paving of roadway and driveway entrances.

Nick Langone Town Inspector 413-478-5808

These projects closely mirror the proposed work for the Project that Saltmarsh Industries, Inc. anticipates. Saltmarsh Industries, Inc. owns all the necessary equipment to complete the Project in a timely manner.

Volvo EC 480 Excavator

Volvo EC 380 Excavator

Volvo EC 140 Excavator

Volvo EW 160 Rubber Tire Excavator

Volvo EC 355 Excavator

Volvo EC305 Excavator

Volvo EC58 Excavator

Volvo EC 60 Excavator

Volvo MC135 Track Loader

Volvo MC 135D Track Loader

Volvo MC125 Track Loader

Volvo EC210 Excavator

Volvo EC220 Excavator

Volvo A30F Off-road Dump Truck

Samsung SE170-3 Rubber Tire Excavator

CAT D6K LGP Bulldozer

CAT D6R LGP High Track Dozer

Bobcat 331 Mini Excavator

Thomas 2200 Skidsteer

New Holland W130 Loader

SDLG 918 Loader

2ea SDLG 938 Loader

SDLG 959 Loader

2ea Peterbilt Tri Axle Dump Truck

2ea Kenworth Tri Axle Dump Truck

Freightliner Tri Axle Dump Truck

Volvo SD115 Vibratory Dirt Roller

Volvo SD45 Vibratory Dirt Roller

Volvo SD75 Dirt Roller

Wacker 2.5 Ton Roller

McCloskey 516 Material Screener

Ghel 1438 Paving Box

Pro Cut 24" walk behind saw

Tow Behind Air Compressor

Large & Small Hydraulic breakers

Transit Instrument

Concrete Forms

Road Plates

Cones, Barrels

Trench Boxes

Power Curb Machine

Wacker Plate Compactors

Partner Saws

Misc. Hand Tools

I hope this statement of qualifications meets with your approval. I look forward to hearing from you soon. Jesse Saltmarsh President

Saltmarsh Industries, Inc.

3-17-20

Saltmarsh Industries, Inc.

P.O. Box 1144 Southwick, MA 01077

Ph: 413-569-0397 F: 413-569-0409 C: 203-809-2022

RE: Water Line Statement of qualifications

Project: Misc.

Date: 3-17-20

To Whom It May Concern:

Saltmarsh Industries, Inc. is an owner operated corporation. The following projects relates directly to the activities that will be required for the Project.

City of Westfield Certified/ Licensed Waterline Contractor
Springfield Water and Sewer Commission Certified/ licensed Waterline Contractor
Connecticut Water Certified/ Licensed Waterline Contractor

Recent Water Line Projects

Longmeadow DPW Facility 170 Dwight Rd Longmeadow, MA

Waterline Job description Completed Summer of 2019

Connect to existing 10"DI water main in Converse street in Longmeadow. Furnish and install reducer to 8" DI and install 992LF of 8"DI water main thru easement to new Longmeadow DPW building with various fittings, and mechanical joints as required. Furnish and install 4ea gate valves, 2ea fire hydrants, and 4" / 6" (40LF) / 2" tees with gates and laterals for services to the building.

Project Manager: Jon Jackopisic (WJ Mountford) 860-883-2539 Longmeadow Water Dept. Director: Peter Thurber 413-348-7120 Weston and Sampson Engineers: Mike Richards 978-573-4198

East Forest Park Library 136 Surrey Rd Springfield, MA Waterline Job description Completed Spring of 2019

Furnish and install 3ea taping sleeves on existing 8"DI water main (2ea 8x6/ 1ea 8x2) Furnish and install 360LF of 6"DI water main from street connection to building with various fittings, and mechanical joints and gate valves as required. Furnish and install 70LF 6" DI and 1ea fire hydrant from street to building, with gate valve. Furnish and install 345LF 2" copper with shut off from street to building.

Project Manager: Jon Jackopisic (WJ Mountford) 860-883-2539
Springfield Water Inspecting engineer: John Sullivan 413-658-4929

Garcia Galuska Consulting Engineers: 508-998-5700

Brimfield Public Safety Building 34 Wales Rd Brimfield, MA Waterline Job description Completed Summer of 2019

Furnish and install 900LF of 4"DI water main from well head pump station, Cut in to main and install tee with gate valve. Furnish and install gate valve at DPW building, and tie into public safety building.

Project Manager: Leo Desaultis (WJ Mountford) 860-883-3239

Berkshire Design Group: 413-582-7000

Town of Brimfield Water Dept: Zac Lemiuex 413-245-4103

These projects closely mirror the proposed work for the Project that Saltmarsh Industries, Inc. anticipates. Saltmarsh Industries, Inc. owns all the necessary equipment to complete the Project in a timely manner.

Volvo EC 480 Excavator

Volvo EC 380 Excavator

Volvo EC 140 Excavator

Volvo EW 160 Rubber Tire Excavator

Volvo EC 355 Excavator

Volvo EC305 Excavator

Volvo EC58 Excavator

Volvo EC 60 Excavator

Volvo MC135 Track Loader

Volvo MC 135D Track Loader

Volvo MC125 Track Loader

Volvo EC210 Excavator

Volvo EC220 Excavator

Volvo A30F Off-road Dump Truck

Samsung SE170-3 Rubber Tire Excavator

CAT D6K LGP Bulldozer

CAT D6R LGP High Track Dozer

Bobcat 331 Mini Excavator

Thomas 2200 Skidsteer

New Holland W130 Loader

SDLG 918 Loader

2ea SDLG 938 Loader

SDLG 959 Loader

2ea Peterbilt Tri Axle Dump Truck

2ea Kenworth Tri Axle Dump Truck

Freightliner Tri Axle Dump Truck

Volvo SD115 Vibratory Dirt Roller

Volvo SD45 Vibratory Dirt Roller

Volvo SD75 Dirt Roller

Wacker 2.5 Ton Roller

McCloskey 516 Material Screener

Ghel 1438 Paving Box

Pro Cut 24" walk behind saw

Tow Behind Air Compressor Large & Small Hydraulic breakers Transit Instrument Concrete Forms Road Plates Cones, Barrels Trench Boxes Power Curb Machine

Wacker Plate Compactors

Partner Saws Misc. Hand Tools

I hope this statement of qualifications meets with your approval. I look forward to hearing from you soon.

Jesse Saltmarsh President

Saltmarsh Industries, Inc. 3-17-20

The undersigned hereby certifies that it is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work.

The undersigned certifies under penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this paragraph the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity which sells materials, equipment or supplies used in or for, or engages in the performance of, the same or similar construction, reconstruction, installation, demolition, maintenance or repair work or any part thereof.

The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the State of Connecticut under applicable debarment provisions of the Connecticut General Statutes or any rule or regulations promulgated thereunder.

Respectfully submitted:

Na de la companya del companya de la companya del companya de la c	
Date 3-26-20	Ву
	Jerse Salfunde
	(Name – Typed or Printed)
	Presdut
	(Title)
(SEAL - if bid is by a corporation)	saftmark distro, tre.
	(Business Name)
	27-0245814
	(Federal ID Number)
	49 Sour West Pro
	(Business Address)
	Southwicz, MA 01077
	(City and State)
	413-569-0397
	(Telephone Number)
	413-569-0409
	(Fax Number)

P:\CT\Torrington CT\Wastewater Services\2190419 Task Order 8 - Various Sewer Designs\4 Working Documents\4.2 Specifications\Division 0\00410 Bid Form.Docx

06/05/2013 00410-14

SECTION 00420 BID FORM ATTACHMENTS

FORMS TO BE COMPLETED AND SUBMITTED WITH BID

The following forms **shall** be completed and submitted as part of the Form of General Bid for the Sanitary Sewer Improvements Project:

- Attachment A Non-Collusion Affidavit of Prime Bidder
- · Attachment B -Non-Collusion Affidavit of Subcontractor
- Attachment C -Bid Bond
- Attachment D Surety Guaranty Form
- Attachment E Contractor's Qualification Statement
- Attachment F Certification of Bidder Regarding Equal Employment Opportunity
- Attachment G Certification of Proposed Subcontractor Regarding Equal Employment Opportunity

SECTION 00420.A

ATTACHMENT A - NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

STAT	E OF 🎽	1.4							
COUN	NTY OF	Hampale	^						
Le	m Su	Halu			, being fi	rst duly sv	vorn, de	poses and s	ays that:
He	is Preto					الملك		tre.	, the
	HEDULE	41-091119 : A – HAF	Bidder that has PRB SANIT RTFORD A - HOMES	ARY SI	EWER I	MPROV MENT A	EMEN ND LY	MAN DR	
1.	He is full pertinent	y informed circumstand	respecting the	e prepara g such Bi	ition and d	contents o	f the att	ached Bid a	ınd of all
2.	Such Bid	is genuine a	and is not a c	ollusive (or sham E	id;			
3.	employee conspired to submit Bid has b has in a communic prices in element of collusion, of Torring	s or partie connived a collusive een submit my manner cation or co the attached of the Bid conspiracy ton or any	der nor any es of interes or agreed dir or sham Bid ted or to refe onference wi I Bid or of a price or the connivance person intere	et, included the conference of	ling this ndirectly ection with bidding ctly, souther Bidder on the bidder of the bidder of the bidder of the proposed the proposed the bidder of the bidder	affiant, I with any of h the Con- in connec- ght by a er, firm of or to fix a y Bidder, ement any ed Contrac	has in other Bi- tract for tion wit greemen r persor ny over or to advanta	any way of dder, firm of which the th such Con nt or colle to fix the chead, profit secure thro age against	colluded, or person attached ntract, or usion or price or t or cost ugh any the City
1.	any collus	ion, conspi	uoted in the racy, conniver resentatives,	ance or u	nlawful a	greement	on the p	art of the E	Bidder or
									>
				_	-		(Signt	tture)	
				_	Les	e So	Mul	u	
						S 11 1 1 1 1 1	(Print	ed Name)	
				_		Paride	(Title)		
		1 1 2		th	27		(Time)	-76	
Subscri	bed and sw	orn to befo	re me this $\overline{2}$	-6 da	ıy of	"larzh	2 (4)	, 20_20.	
	7	γ'			NS ALLSON			484	
Notary	Public /			NOT	N S. ALLSOP ARY PUBLIC alth of Massac		2/1,-1,	1. 1.	
My Co	mmission E	xpires		Jul	nith of Massac mission Expr y 22, 2022	res 🖁	. 7-56	(Notary	Scal)

SECTION 00420.B ATTACHMENT B - NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

State of A
County of Hours day
Jerre Salbuh, being first duly sworn, deposes and says that:
1. He is Poerdut of Setter July The.
hereinafter referred to as the "Subcontractor";
2. He is fully informed respecting the preparation and contents of the Subcontractor's Proposal submitted by the Subcontractor to
3. Such Subcontractor's Proposal is genuine and is not a collusive or sham Proposal:
4. Neither the Subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm, or person to submit a collusive or sham Proposal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm, or person to fix the price or prices in said Subcontractor's Proposal, or to fix any overhead, profit or cost element of the price or prices in said Subcontractor's Proposal, or to secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the (Owner), or any other person interested in the proposed Contract; and 5. The price or prices quoted in the Subcontractor's Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.
(Signature) Jose Struct (Printed Name) (Title)
Subscribed and sworn to before me this 26th day of

of See attaline Bro Band

SECTION 00420.C ATTACHMENT C - BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we the undersigned: as Principal, and as Surety are held and firmly bound unto hereinafter "City". the called in the penal sum of Dollars, (\$ _____) lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents. THE CONDITIONS OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the accompanying BID, dated ______, 20_____, for "BID #HSS-041-091119RB SANITARY SEWER IMPROVEMENTS PROJECT SCHEDULE A = HARTFORD AVENUE EASEMENT AND LYMAN DRIVE SCHEDULE B – HOMESTEAD ROAD AND KIMBALL LANE". NOW THEREFORE, if the Principal shall not withdraw said Bid within the time period specified therein after the opening of the same, or within any extended time period agreed to by the Principal, Surety and City, or, if no period be specified, within thirty (30) days after the said opening, and shall within the period specified thereof, or if no period be specified, within seven (7) days after the prescribed forms are presented to him for signature, enter into a written Contract with the City in accordance with the Bid as accepted, and give bond with good and sufficient surety or sureties, as may be required, for the faithful performance and proper fulfillment of such Contract; then the above obligation shall be null and void and of no effect, otherwise to remain in full force or virtue. Failure to comply with the aforementioned condition shall result in the forfeiture of this BID BOND as liquidated damages. IN WITNESS WHEREOF, the above-bounded parties have executed this Instrument under their several seals this day of ______, 20____, the name and corporate seal of each corporate party being hereto affixed and

No extension of time or other modification of the BID BOND shall be valid unless agreed to in writing by the parties to this Bond.

these presents signed by its undersigned representative, pursuant to authority of its governing body.



BID BOND CONT.

(Page 2 of 2)

In presence of:		
Typed Name:		L.S (Individual Principal)
Typed (value,		(Individual Principal)
		(Business Address)
Typed Name:	-	L.S (Individual Principal)
		(Destroye Address)
Attest:		(Business Address)
Typed Name:		(Corporate Principal)
		(Business Address)
	Ву:	(AffixCorporate
Attest:		Seal)
Typed Name:	ī	(Corporate Surety)
	<u></u>	(Business Address)
	Ву:	(Affix Corporate
Countersigned		Seal)
Ву:		
Attorney-in Fact, State of		
Power-of Attorney for person signing for Sur	rety Company must be attac	ched to Bond.

Str See attached BN Boul

SECTION 00420.D ATTACHMENT D - SURETY GUARANTY FORM

(To Accompany Proposal)

the United States, the receipt whereof is he	reby acknowledged, paid the undersigned corporation, and for other
valuable consideration, the	, a corporation
	(Name of Surety Company) tate of and licensed to do business in the State of Connecticut, and agrees, that if the Contract for the
SCHEDULE A – HARTFOI	ANITARY SEWER IMPROVEMENTS PROJECT RD AVENUE EASEMENT AND LYMAN DRIVE MESTEAD ROAD AND KIMBALL LANE"
is awarded to the undersigned,	
	(Name of Bidder)
said Surety Company will execute the bond	or bonds as required by the Contract Documents and will become
Surety in the full amount of the Contract Pri	ce for the faithful performance of the Contract and for payment of all
Surety in the full amount of the Contract Pri persons supplying labor or furnishing materia	LIN Internal menter of the state of Terreson (Terreson Constitution) and Administration of the State of Terreson (Terreson Constitution) and the S
	LIN Internal menter of the state of Terreson (Terreson Constitution) and Administration of the State of Terreson (Terreson Constitution) and the S
	LIN Internal menter of the state of Terreson (Terreson Constitution) and Administration of the State of Terreson (Terreson Constitution) and the S
	als in connection therewith.

(To be accompanied by the usual proof of authority of officers of Surety Company to execute the same.)

Document A310[™] - 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond

CONTRACTOR:

(Name, legal status and address)

Saltmarsh Industries, Inc. P.O. Box 1144 Southwick, MA 01077

OWNER:

(Name, legal status and address)

City of Torrington 140 Main Street Torrington, CT 06790 SURFTY:

(Name, legal status and principal place of business) **Employers Mutual Casualty Company**

P.O. Box 712

Des Moines, IA 50306-0712 Mailing Address for Notices

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

BOND AMOUNT: 5%

Five Percent of Amount Bid

PROJECT:

(Name, location or address, and Project number, If any)

Project No.: HSS-041091119RB Sanitary Sewer Improvements Project Sch A Hartford Ave Easement and

Lyman Dr/ Sch B Homestead Rd and Kimball Lane

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so famished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

(Principal)

(Title)

Signed and sealed this day of March, 2020.

Saltmarsh Industries, Inc.

Employers Mutual Casualty Company (Surety)

(Seal)

(Seal)

(Wimess)



P.O. Box 712 • Des Moines, Iowa 50306-0712

CERTIFICATE OF AUTHORITY INDIVIDUAL ATTORNEY-IN-FACT

KNOW ALL MEN BY THESE PRESENTS, that:

- 1. Employers Mutual Casualty Company, an Iowa Corporation
- 2. EMCASCO Insurance Company, an Iowa Corporation
- 3. Union Insurance Company of Providence, an Iowa Corporation

- 4. Illinois EMCASCO Insurance Company, an Iowa Corporation
- 5. Dakota Fire Insurance Company, a North Dakota Corporation
- 6. EMC Property & Casualty Company, an Iowa Corporation

hereinafter referred to severally as "Company" and collectively as "Companies", each does, by these presents, make, constitute and appoint:

Shelly Andrade

its true and lawful attorney-in-fact, with full power and authority conferred to sign, seal, and execute the following Surety Bond:

Surety Bond Number: Bid Bond

Principal : Saltmarsh Industries, Inc.

Obligee : City of Torrington

and to bind each Company thereby as fully and to the same extent as if such instruments were signed by the duly authorized officers of each such Company, and all of the acts of said attorney pursuant to the authority hereby given are hereby ratified and confirmed.

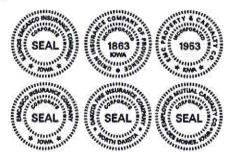
AUTHORITY FOR POWER OF ATTORNEY

This Power-of-Attorney is made and executed pursuant to and by the authority of the following resolution of the Boards of Directors of each of the Companies at the first regularly scheduled meeting of each company duly called and held in 1999:

RESOLVED: The President and Chief Executive Officer, any Vice President, the Treasurer and the Secretary of Employers Mutual Casualty Company shall have power and authority to (1) appoint attorneys-in-fact and authorize them to execute on behalf of each Company and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof; and (2) to remove any such attorney-in-fact at any time and revoke the power and authority given to him or her. Attorneys-in-fact shall have power and authority, subject to the terms and limitations of the power-of-attorney issued to them, to execute and deliver on behalf of the Company, and to attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and any such instrument executed by any such attorney-in-fact shall be fully and in all respects binding upon this Company. Certification as to the validity of any power-of-attorney authorized herein made by an officer of Employers Mutual Casualty Company shall be fully and in all respects binding upon this Company. The facsimile or mechanically reproduced signature of such officer, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power-of-attorney of the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN WITNESS THEREOF, the Companies have caused these presents to be signed for each by their officers as shown, and the Corporate seals to be hereto affixed this 1st day of July, 2018.

Seals



KATHY LOVERIDGE Commission Number 780769 My Commission Expires October 10, 2022 Bruce G. Kelley, CEO, Chairman of Companies 2, 3, 4, 5 & 6; President of Companies 1, 2 & 6; Treasurer of

Companies 1, 2, 3, 4 & 6

Todd Strother, Senior Vice President

On this 1st day of July, 2018 before me a Notary Public in and for the State of Iowa, personally appeared Bruce G. Kelley and Todd Strother, who, being by me duly swom, did say that they are, and are known to me to be the CEO, Chairman, President and Treasurer, and/or Senior Vice President, respectively, of each of the Companies above; that the seals affixed to this instrument are the seals of said corporations; that said instrument was signed and sealed on behalf of each of the Companies by authority of their respective Boards of Directors; and that the said Bruce G. Kelley and Todd Strother, as such officers, acknowledged the execution of said instrument to be their voluntary act and deed, and the voluntary act and deed of each of the Companies.

My Commission Expires October 10, 2022

Notary Public in and for the State of Iowa

CERTIFICATE

I, James D. Clough, Vice President of the Companies, do hereby certify that the foregoing resolution of the Boards of Directors by each of the Companies, and this Power of Attorney issued pursuant thereto on 1st day of July, 2018, are true and correct and are still in full force and effect.

In Testimony Whereof I have subscribed my name and affixed the facsimile seal of each Company this 26th

March

2020

Vice President

SECTION 00420.E ATTACHMENT E - CONTRACTOR'S QUALIFICATION STATEMENT

Contractor's Qualification Statement Forms: These forms must be completed and submitted for the project you are interested in bidding. Bidders that fail to provide all requested information, or who misrepresent such information, may have their bid rejected as non-responsive and, if they become the apparent successful bidder for a contract, may be deemed non-responsible as such. The City of Torrington may reject a contractor based on the contractor's performance record with regard to quality of work, timely completion, debarment by others, changed financial status, or other pertinent factors.

Confidentiality: The Contractor's Qualification Statement submitted to the City will be treated as confidential, for official City use only, and will not be open to public inspection, except as required by law. It is the City's position that pursuant to Connecticut General Statutes Section 1-210(b) (5) such documents are exempt from disclosure under the Connecticut Freedom of Information Act, and that the City will not disclose such documents in response to requests made under the Act.

The Undersigned certifies under oath the truth and corrections of all statements and all answers to questions made hereinafter.

SUBMITTED BY

SOBINITIES ST.	
NAME: Saltmarsh Tichty Tre. [CORPORATION
ADDRESS: 49 Sou West Rd Soundward MA] PARTNERSHIP] INDIVIDUAL
PRINCIPAL OFFICE: T- SAME- TO 1077 [] LLC] OTHER
(NOTE: Attach separate sheets as required)	
1. How many years has your organization been in business?	
2. How many years has your organization been in business under its present business	name? Nyrs
If business was under a different name, give previous name.	
3. If a Corporation, answer the following:	
Date of Incorporation: ZOG9 State of Incorporation:	A
President: Jerre Salhuretts	
Vice President (s) Alex Saltur	
Mich Salthurn Arthur Bogasto	
Secretary: Alex Soltales	
Treasurer: Alex Saltully	
4. If a Partnership, answer the following:	
Date of Organization: Type of Partnership:(General/Lim	ited/Association)

Name and address of all partners:
5. If other than a Corporation or Partnership, describe Organization and name Principals:
6. What percent of the work do you normally perform with your own forces?\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
7. Have you ever failed to complete any work awarded to you? If so, indicate when, where, and why:
8. Has any Officer or Partner of your Organization ever been an Officer or Partner of another Organization that failed to complete a construction contract? If so, state circumstances:
9. List major construction projects your Organization has under contract on this date: PROJECT OWNER: CONTRACT CONTRACT ANTICIPATED NAME: AMOUNT: DATE: COMPLETION DATE: See Abraba Abraba A Ovalidi attuacy NAME: A Ovalidi attuacy

10. List any bids for which awards are pending:	
/	
11. Have any time extensions ever been necessary? If so, please explain:	
2. Have any penalties ever been imposed? If so, please explain:	
3. Have any claims ever been filed? If so, please explain:	
4. Attach a list of the plant and equipment available to properly and expeditiously perform the work: 5. Name of Bonding and Insurance Companies and Name, Telephone Number and Address of Agents: 13-237- 13-237- 13-237- 14-201	oject
8. List the number of lawsuits that your organization has been involved in over the past five years.	A S
O. List OSHA certification details and dates: Lenc Sulfhul OSHA 30 2001 All Explose one OSHA 10 certified and up to onto	

Dated at	March , 2020 (20)
NOTARIZATION: State of Count	y of Hander
M	orn deposes and says that he (she) is the
Persont of Saltach	July Tre. Contractor (s),
and that the answers to the foregoing questions and all statements the	nerein contained are true and correct.
Subscribed and sworn before me this day of	Mach , 2020 (18)
Notary Public:	and a minimum by
Mu Commission Evaluation	(Notary Seal)
My Commission Expires: JOHN S. ALL SOP NOTATA JUSTIC Communication of Lie Seathusetts Ly Commission Expires Ly Commission Expires July 25, 2022	

SECTION 00420.F ATTACHMENT F

CERTIFICATION OF BIDDER REGARDING EQUAL EMPLOYMENT OPPORTUNITY

PROJECT NUMBER: 11:

GENERAL

In accordance with Executive Order 11246 (30 F.R. 12319-25), the implementing rules and regulations thereof, and orders of the Secretary of Labor, a Certification regarding Equal Opportunity is required of bidders or prospective contractors and their proposed subcontractors prior to the award of contracts or subcontracts.

		CERTIFICATION OF BIDDER
81	dder=	s Name: Settle Julity Jrc.
Α	dres	: 49 Som ment Pos Soldmike MA 01077
In	temal	Revenue Service Employer Identification Number: 27-0245914
1,	Par	ticipation in a previous contract or subcontract:
	A.	Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause No
	В.	Compliance reports were required to filed in connection with such contract or subcontract Yes No
		Bidder has filed all compliance reports required by Executive Orders 10925, 11114, 11246 or by regulations of the Equal Employment Opportunity Commission issued pursuant to Title VII of the Civil Rights Act of 1964 Yes No
	D.	If answer to item C is "No", please explain in detail on the reverse side of this certification.
2.	Doll	ar amount of bid: \$817,150,00
3.	Anti	cipated performance period 120 days.
4.	Exp	ected total number of employees who will perform the proposed construction 4-5 eq
5	Non	-segregated facilities
	A.	Notice to Prospective Federally-Assisted Construction Contractors:
	1	A Certification of Non-segregated Facilities, as required by the May 9, 1967, order (32 F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted to the recipient prior to the award of a federally-assisted construction contract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause.
		Contractors receiving federally-assisted construction contract awards exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause will be required to provide for the forwarding of the following notice to prospective subcontractors for supplies and construction contracts where the subcontracts exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity clause:

- B. Notice to Prospective Subcontractors of Requirement for Certification of Non-segregated Facilities:
 - A Certification of Nonsegregated Facilities, as required by the May 9, 1967, order (32 F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior

to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause.

II. Contractors receiving subcontract awards exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause will be required to provide for the forwarding of this notice to prospective subcontractors for supplies and construction contracts where the subcontracts exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity clause:

Certification of Non-segregated Facilities

The federally-assisted construction contractor certifies that he does not maintain or provide for his employees any segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The federally-assisted construction contractor certifies further that he will not maintain or provide for his employees any segregated facilities at any of his establishments, and that he will not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The federally-assisted construction contractor agrees that a breach of this certification is a violation of the Equal Opportunity clause in this contract. As used in this certification, the term *segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. The federally-assisted construction contractor agrees that (except where he has obtained identical certifications from proposed subcontractors for specific time periods) he will obtain identical certifications in duplicate from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause, and that he will retain the duplicate of such certifications in his files. The contractor will include the original in his Bid Package.

6,	Race or ethnic gi	roup designation of bidder. En	ter race or ethnic gro	oup in the appropr	iate box:
	☐Black	Spanish American	□Oriental	☐ America	
	□Eskimo	☐ Aleut	White (other th	an Spanish Amer	ican)
	Portuguese			recover to the second recovering to the second effect of	
Rem	arks:				
_					
			1000 T.C. 11 (15 (15)		
Cer	tification: The inf	ormation above is true and cor	mplete to the best of	my knowledge ar	nd belief.
S	Saltule	Julys, The.	June (Sultule	prodt
	(Dioter's Name and	Tide of signer (please crint)		3-26-20
					5-26-20

Note: The penalty for making faise statements in offers is prescribed in 18 U.S.C. 1001.

SECTION 00420.G ATTACHMENT G

CERTIFICATION OF PROPOSED SUBCONTRACTOR REGARDING EQUAL EMPLOYMENT OPPORTUNITY

		Saturda Tultus, Ici HSS-041-09111				
-		Name of Prime Contractor Project Number				
		GENERAL				
th bi	erec	cordance with Executive Order 11246 (30 F.R. 12319-25), the implementing rules and regulations of, and orders of the Secretary of Labor, a Certification regarding Equal Opportunity is required or so or prospective contractors and their proposed subcontractors prior to the award of contracts or protects.				
		SUBCONTRACTOR'S CERTIFICATION				
Sı	bcc	entractor's Name: THA SI to profon 100 % of well				
Ac	idre	ss: an two project				
Int	em:	al Revenue Service Employer Identification Number:				
		articipation in a previous contract or subcontract:				
***		Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Claus				
		Yes No				
	В.	Compliance reports were required to filed in connection with such contract or subcontract Yes . No				
	C.	Subcontractor has filed all compliance reports required by Executive Orders 10925, 11114, 11246 of by regulations of the Equal Employment Opportunity Commission issued pursuant to Title VII of the Civil Rights Act of 1964 Yes No				
	D.	If answer to item C is "No", please explain in detail on the reverse side of this certification.				
2.	Do	allar amount of bid: \$_ Some 817, 150				
3.		ticipated performance period/ Zo days.				
4.	: (-) (보고 10 Table 3 Table					
5.	No	n-segregated facilities				
	A.	Notice to Prospective Subcontractors or Requirement for Certification of Non-segregated Facilities				
		 A Certification of Non-segregated Facilities, as required by the May 9, 1967, order (32 F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted to the contractor prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause. 				

II. Contractors receiving subcontract awards exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause will be required to provide for the forwarding of this notice to prospective subcontractors for supplies and construction contracts where the

subcontracts exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity clause:

B. Certification of Non-segregated Facilities

The federally-assisted construction contractor certifies that he does not maintain or provide for his employees any segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The federally-assisted construction contractor certifies further that he will not maintain or provide for his employees any segregated facilities at any of his establishments, and that he will not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The federally-assisted construction contractor agrees that a breach of this certification is a violation of the Equal Opportunity clause in this contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. The federally-assisted construction contractor agrees that (except where he has obtained identical certifications from proposed subcontractors for specific time periods) he will obtain identical certifications in duplicate from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause, and that he will retain the duplicate of such certifications in his files. The contractor will include the original in his Bid Package.

6.	Race or ethnic gr	roup designation of bidder. En	ter race or ethnic gro	oup in the appropriate box:
	□Black	Spanish American	☐ Oriental	American Indian
	⊟Eskimo	☐ Aleut	White (other th	nan Spanish American)
	Portuguese		V 10	
7.	The construction the federally-assi	subcontractor certifies that he i isted construction	is not affiliated in any	manor with the Grantee/Borrower of
Ren	narks:			
_				A CONTRACTOR OF THE CONTRACTOR
				Making the property of the control o
-				
_				
Ce	rtification: The inf	ormation above is true and cor	mplete to the best of	my knowledge and belief.
	Sal	the Just	5 Ju	Jone Sultito prohi
		Subcontractor's Name	and Tife of signer (please print)	V
-	-/-	Sgratere		3-26-20

Note: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.



Water Wastewater Infrastructure

March 2, 2020 W-P Project No. 20200

Mr. Raymond Drew, Administrator City of Torrington WPCA 140 Main Street Torrington, CT 06790-5245

Subject:

Torrington Harris Road PS Upgrade

Invoice for Services - through January 31, 2020

Dear Ray,

Please find our invoice for the Harris Road Pump Station Upgrade project. Our efforts from this past period were focused on finalizing the conceptual plan for the design, fulfilling flood protection requirements as well as seeking potential grant monies. We worked with the Division of Emergency Management and Homeland Security (DEMHS) to prepare the Hazard Mitigation Grant Program application; the application was revised and resubmitted after workshops and guidance from both DEMHS staff and EPA regulators.

During this period, the scope of work for the project, and the project approach (2 projects versus 1 comprehensive upgrade) was modified so that a portion of the needed work could be considered for the grant monies. We have not heard the outcome of the application as of the writing of this letter but are prepared to continue assisting the City as needed. Until then, with the exception of the flow analysis, the project is on hold.

As always, if have any questions or need any additional information for this invoice please don't hesitate to contact me.

Sincerely,

WRIGHT RIERCE

Christine E. Kurtz, PE Senior Project Manager



PLEASE REMIT PAYMENT TO:

Wright-Pierce 11 Bowdoin Mill Island, Ste 140 Topsham, ME 04086 (207) 725-8721 Camden National Bank ABA Routing No. 011201458 Account No. 15505735 a-r@wright-pierce.com

Attention: Raymond E. Drew CITY OF TORRINGTON 140 Main Street Torrington, CT 06790 Invoice: 0000205564
Invoice Date: 2/14/2020
Due Date: 3/15/2020
Project: 20200

Project Name: Torrington, CT - Harris RD PS

Upgrade

For Professional Services Rendered Through 1/31/2020

WW Pump Station Upgrade

REFERENCE: Contract dated October 18, 2019.

				11/2	Billings	
		Fee	Available	To Date	Previous	Current
B - Design		132,140.00	113,630.31	31,987.34	18,509.69	13,477.65
Total Labor	12,111.27					
Expenses	1,319.98					
Unit Rate Expense	46.40					
Total Expense	1,366.38					
			c	urrent Billings		13,477.65
			Amoun	nt Due This Bill		13,477.65

Christine E. Kurtz

Outstanding Receivables	Invoice Number	Date	Amount	Balance Due
	0000204500	12/16/2019	6,943.67	6,943.67
	0000204793	1/9/2020	11,566.02	11,566.02
			_	18,509.69

Expenses Account		Cook	Multiplian	A 100 0 1 100
SUBCONTRACTORS		1,257.12	Multiplier 1.05	Amoun 1,319.98
SUBCONTRACTORS	Total Expenses	,,,	,,,,,	1,319.98
Unit Rate Expenses	Total Expenses			1,515.50
Account / Unit	Quantity		Rate	Amoun
AUTO EXPENSE				
Employee Miles	80.00		0.58	46.40
	Total Unit Rate Expenses			46.40
Total Bill Task: 00 - Expenses				1,366.38
04 - Wastewater				
Personnel				
Class	Hours		Rate	Amoun
ENG. MANAGER	0.75		203.03	152.28
PROJ ENGINEER	17.00		117.04	1,989.68
	1.00		84.08	84.0
Total PROJ ENGINEER	18.00			2,073.7
PROJ. MANAGER	5.50		180.49	992.68
	Total Personnel			3,218.72
Total Bill Task: 04 - Wastewater				3,218.72
05 - Process Design				
Personnel				
Class	Hours		Rate	Amoun
ENG. TECHNICIAN	1.00		71.61	71.6
	10.00		109.65	1,096.4
Total ENG. TECHNICIAN	11.00			1,168.09
PROJ ENGINEER	1.00		84.08	84.0
	Total Personnel			1,252.17
				4 252 4
Total Bill Task: 05 - Process Design				1,252.1.
				1,252.17
06 - Architectural				1,252.11
06 - Architectural Personnel	Hours		Rate	
06 - Architectural Personnel			Rate 71.61	Amoun
06 - Architectural Personnel Class	-			Amoun 286.4
06 - Architectural Personnel Class ENG. TECHNICIAN	4.00			Amoun 286.4-
06 - Architectural Personnel Class ENG. TECHNICIAN Total Bill Task: 06 - Architectural	4.00			Amoun 286.4
06 - Architectural Personnel Class ENG. TECHNICIAN Total Bill Task: 06 - Architectural	4.00			Amoun 286.4-
06 - Architectural Personnel Class ENG. TECHNICIAN Total Bill Task: 06 - Architectural 07 - Structural Personnel	4.00			Amoun 286.44 286.4 4 286.4 4
06 - Architectural Personnel Class ENG. TECHNICIAN Total Bill Task: 06 - Architectural 07 - Structural Personnel	Total Personnel		71.61	Amoun 286.44 286.44 286.44
Personnel Class ENG. TECHNICIAN Total Bill Task: 06 - Architectural O7 - Structural Personnel Class	Total Personnel Hours		71.61 Rate	Amoun 286.44 286.44 286.44 Amoun 97.00
06 - Architectural Personnel Class ENG. TECHNICIAN Total Bill Task: 06 - Architectural 07 - Structural Personnel Class PROJ ENGINEER	Hours 0.50		71.61 Rate	Amoun 286.44 286.44 286.44 Amoun 97.00
Personnel Class ENG. TECHNICIAN Total Bill Task: 06 - Architectural Personnel Class PROJ ENGINEER D8 - Mechanical Personnel	Hours 0.50		71.61 Rate	Amoun 286.44 286.44 286.44 Amoun 97.00
06 - Architectural Personnel Class ENG. TECHNICIAN Total Bill Task: 06 - Architectural 07 - Structural Personnel Class PROJ ENGINEER 08 - Mechanical Personnel	Hours Total Personnel Hours Hours Hours		71.61 Rate 194.04	Amoun 286.44 286.44 286.44 Amoun 97.02
06 - Architectural Personnel Class ENG. TECHNICIAN Total Bill Task: 06 - Architectural 07 - Structural Personnel Class	Hours 0.50 Total Personnel		71.61 Rate 194.04	Amount 286.44 286.44 286.44 286.44 286.44 Amount 97.02 97.02

Page: 1

		Invoice: 0	000205564
			Amoun
		129.36	776.16
	12.50		1,789.17
Total Personnel			1,838.45
			1,838.45
	Hours	Rate	Amount
	7.50	194.04	1,455.30
Total Personnel			1,455.30
			1,455.30
	Hours	Rate	Amount
	6.00	185.11	1,110.66
	2.00	184.80	369.60
	8.00		1,480.26
Total Personnel			1,480.26
			1,480.26
	Hours	Rate	Amount
	6.00	117.04	702.24
Total Personnel			702.24
			702.24
	Hours	Rate	Amount
_	1.75	150.92	264.11
Total Personnel			264.11
STREET CAPTER AT THE CONTRACT SALE			264.11
	Hours	Rate	Amount
5	3.50	194.04	679.14
Total Personnel			679.14
			679.14
	Hours	Rate	Amount
	110013		SECTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF
_	1.50	90.12	135.18
Total Personnel	7.7.0-0.91C/C32U4	90.12	135.18 135.18
	Total Personnel Total Personnel Total Personnel Total Personnel	Hours 7.50 Total Personnel Hours 6.00 2.00 8.00 Total Personnel Hours 6.00 Total Personnel 1.75 Total Personnel Hours 3.50	Hours Rate

Project: 20200 - Torrington, CT - Harris RD PS Upgrade		Invoice: 0000205564
04 - Wastewater		
Personnel		
Class	Hours	Rate Amount
PROJ ENGINEER	6.00	117.04 702.24
	Total Personnel	702.24
Total Bill Task: 04 - Wastewater		702.24

Total Project: 20200 - Torrington, CT - Harris RD PS Upgrade

13,477.65



PLEASE REMIT PAYMENT TO:

Wright-Pierce 11 Bowdoin Mill Island, Ste 140 Topsham, ME 04086 (207) 725-8721 Camden National Bank ABA Routing No. 011201458 Account No. 15505735 a-r@wright-pierce.com

Attention: Raymond E. Drew

DPW Director

CITY OF TORRINGTON 140 Main Street Torrington, CT 06790 Invoice: 0000206100 Invoice Date: 3/13/2020 Due Date: 4/12/2020

Project: 20200

Project Name: Torrington, CT - Harris RD PS

Upgrade

For Professional Services Rendered Through 2/28/2020

WW Pump Station Upgrade

REFERENCE: Contract dated October 18, 2019.

			Billings		
	Fee	Available	To Date	Previous	Current
B - Design	132,140.00	100,152.66	38,279.49	31,987.34	6,292.15

This invoice is for efforts related to design efforts needed for the HMPG application process.

Total Labor

6,292.15

Current Billings	6,292.15
Amount Due This Bill	6,292.15

Chuictia	as E Viinter	
Christii	ne E. Kurtz	

Outstanding Receivables	Invoice Number	Date	Amount	Balance Due
	0000205564	2/14/2020	13,477.65	13,477.65
			8	13,477.65

Project: 20200 - Torrington, CT - Harris RD PS Upgr	ade	Invoice:	0000206100
04 - Wastewater			
Personnel Class	Union	Data	Amarin
		Rate	Amount 14.58
OFFICE ASSISTANT	2.00	180.488	360.98
PROJ. MANAGER		100.400	
Total Bill Task: 04 - Wastewater	Total Personnel		<i>375.56</i> 375.56
Total bill Task: U4 - Wastewater			373.30
05 - Process Design			
Personnel			
Class	Hours	Rate	Amount
ENG. TECHNICIAN	3.00 Total Personnel	109.648	328.94 328.9 4
	Total Personnel		320.54
07 - Structural Personnel			
Class	Hours	Rate	Amount
PROJ ENGINEER	5.50	194.040	1,067.22
	Total Personnel		1,067.22
Total Bill Task: 07 - Structural			1,067.22
08 - Mechanical			
Personnel Class	Hours	Rate	Amount
PROJ ENGINEER	1.00	155.848	155.85
	Total Personnel		155.85
05 - Process Design			
Personnel			
Class	Hours	Rate	Amount
PROJ ENGINEER	1.50	84.084	126.13
	Total Personnel		126.13
06 - Architectural			
Personnel			
Class		Rate	Amount 679.14
PROJ ENGINEER		130.320	
Total Bill Task: 06 - Architectural	Total Personnel		679.14 679.14
Total bill Task. 00 - Architectulal			079.14
02 - Civil			
Personnel			
Class	Hours	Rate	Amount
PROJ ENGINEER	4.25	96.250	409.07
Total Bill Task: 02 - Civil	Total Personnel		409.07 409.07
04 - Wastewater			
Personnel Class	Have	Date	Aman
to the same of the			2,340.80
PROJ ENGINEER	Total Personnel	117.010	2,340.80
			,,
			Dagge 1

Page: 1

Project: 20200 - Torrington, CT - Harris RD PS Upg	grade	Invoice: 0000206100
Total Bill Task: 04 - Wastewater		2,340.80
04 - Wastewater		
Personnel		
Class	Hours	Rate Amount
OFFICE ASSISTANT	1.00	58.335 58.33
	0.50	58.335 29.16
Total OFFICE ASSISTANT	1.50	87.49
PROJ. MANAGER	4.00	180.488 721.95
	Total Personnel	809.44
Total Bill Task: 04 - Wastewater		809.44

Memorandum

To: Mayor Elinor Carbone and Water Pollution Control Authority

CC: Carol Anderson

Mary Perrotti Ray Drew Pennie Zucco

From: Edward Tousey, Acting WPCA Administrator

Date: 3/31/20

Re: Payment Authorization

1. Vote by the City Council herein acting as the Water Pollution Control Authority to approve the following payments from Fund #490 Sanitary Sewer Capital Improvement.

DATE INVOICE CONTRACTOR AMOUNT DESCRIPTION

3/24/2020 P&G Pepper Construction INC \$3,396.00 Peck Road Sewer Repair

SITEWORK • ROADS • UTILITIES





March 27, 2020

City of Torrington 140 Main Street Torrington, CT 06790

INVOICE

3/24/2020 Peck Road Sewer Repair

Excavator, truck, labor	3,000.00
2 yds. ¾" Stone @ 24.00/yd.	48.00
8 yds. 1-1/4" process gravel @ 21.50/yd.	172.00
1 ton Greenpatch @ 176.00/ton	<u>176.00</u>
Total	\$3,396,00