

**WATERFORD UTILITY COMMISSION****REGULAR MEETING AGENDA – VIA ZOOM**

DATE: Tuesday, March 16, 2021 PLACE: Municipal Complex – Via ZOOM Only

TIME: 6:00 pm

1000 Hartford Tpke., Waterford, CT

Meeting ID: 845 1809 5822

One tap mobile

+16465588656,,84518095822# US (New York) 13017158592,,84518095822# US

+(Washington DC)

Dial by your location

+1 646 558 8656 US (New York)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 669 900 9128 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

Meeting ID: 845 1809 5822

Find your local number: <https://us02web.zoom.us/j/kMOP7534E>

1. Citizens Session –

2. Secretary's Report – Approval of February 16, 2021 Regular Meeting minutes.

3. Accounts Adjustments – As per list

4. Expenditures – Approval of Bill List

5. Old Business – Reports and Updates

- Financials - WW Fund Revenues / Expenditures Report, and Collections
- Municipal Complex Rehab – Status Update
- Waterford/East Lyme/New London Wastewater Agreement & Wtfd/EL Sewer Agreement

6. Unfinished Business - New London - Cyber security response

7. New Business -

- Acceptance of F.R. Mahony grinder pumps bid
- Acceptance of EESC bid for Evergreen and Harvey Ave. PS HVAC work
- US Automation – Dock Rd. PS Upgrades – Bid Waiver
- 92 Great Neck Road - Reimbursement
- Adjustment Request – 24 High Ridge Dr. (outside leak)

DATE: TUESDAY, MARCH 16, 2021

PLACE: 1000 HARTFORD TPKE., WATERFORD, CT

TIME: 6:00 PM

ZOOM REMOTE ACCESS ONLY

- On-Call contractors Extension - Deedy Constr. , Prime Electric, and Turello Constr.
- Affordable Housing flyer – Insert April billing

8. Executive Session (if necessary) – Pending claim by New London regarding termination of Tri-town agreement and requirement for Waterford to seek alternate treatment solution.

WATER – Veolia Report

9. Correspondence – As listed

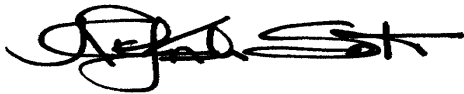
10. Plans Review –

11. Personnel – Update

12. Other –

13. Adjournment

All requests for items to be considered by the Utility Commission must be received at least seven (7) days in advanced.

A handwritten signature in black ink, appearing to read 'Neftali Soto', with a stylized flourish at the end.

Neftali Soto, P.E. – Chief Engineer

WATERFORD UTILITY COMMISSION

2021 FEB 19 AM 10:25

REGULAR MEETING MINUTES

DATE: February 16, 2021

PLACE: Zoom Meeting

PRESIDING: Chairman Peter Green

MEMBERS PRESENT: Steve Negri, Raymond Valentini, Ken Kirkman and Rodney Pinkham

ALSO PRESENT: Staff: Neftali Soto-Chief Engineer, Jim Bartelli-Assistant Director, Attorney Nick Kepple and Bob Tuneski, Liaison for Board of Finance.

Chairman Green called the meeting to order at 6:07 PM

CITIZEN SESSION

SECRETARY'S REPORT

MOTION Made by Mr. Negri to approve the Minutes of the January 26th Special meeting with one correction of a vote taken for 91 Great Neck Rd, motion passed instead of failed, Mr. Negri seconded.

VOTE The motion passed.

BILLING ADJUSTMENTS

The Commission reviewed the January Adjustments. The adjustment report will be kept in the office for review.

EXPENDITURES

MOTION made by Mr. Negri to approve January 2021 bill list, Mr. Valentini seconded.

VOTE The motion passed unanimously.

MOTION made by Mr. Valentini to give permission to pay invoices before commission meeting that are below \$100.00, seconded by Mr. Negri.

VOTE The motion passed.

OLD BUSINESS – REPORTS & UPDATES

1. FINANCIALS – WW FUND REVENUES/EXPENDITURES REPORT
The financial were reviewed.
2. MUNICIPAL COMPLEX REHAB – STATUS UPDATE
Mr. Kirkman gave a report. The Building Committee approved the purchase of 3 ceiling fans for the garage. They are waiting on quotes for 2 cameras for the gas pumps.
3. COLLECTIONS-UPDATE
Attorney Kepple reported that they are on pace with last year, no problems to report.
4. TRI TOWN AGREEMENT
Chairman Green gave an update on the status of the negotiations. Mr. Soto gave a report of the meeting Mr. Bartelli and himself had with the staff from the other towns. They felt they were able to cover a lot of materials.

UNFINISHED BUSINESS

NEW BUSINESS

5. Designation of WUC Secretary

MOTION	Made by Mr. Negri to close the nomination with one nominee, Ken Kirkman, seconded by Mr. Valentini.
VOTE	The motion passed.
MOTION	Made by Mr. Negri to elect Mr. Kirkman as the WUC Secretary for the commission, seconded by Mr. Valentini.
VOTE	The motion passed.
6. Evergreen Pumping Station-Design 4th Pump
Mr. Soto explained the need to have a 4th pump installed and gave 2 reasons to use Wright-Pierce for the design:
 1. Wright-Pierce vast knowledge of the Evergreen PS and our water water infrastructure.
 2. Reasonable fee charge submitted by Wright-Pierce.

MOTION	Made by Mr. Kirkman to waive the formal bid process and retain Wright-Pierce Engineers for a fee not to exceed \$18,000 for the design and development of contract documents for a 4 th pump at the Evergreen pumping station, seconded by Mr. Negri. Funding to be from the Sewer Development and Maintenance Fund.
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VOTE The Motion passed.

WATER-VEOLIA REPORT

Report has not been received yet. Mr. Soto will forward the report when he does receive it.

CORRESPONDENCE

PLANS REVIEW

Waterford Woods, a multi-family development complex is being proposed at 384 & 394 Willetts Avenue Extension. There will be 98 units. If approved it can connect into existing infrastructure. There will be a private pump station.

430 Mohegan Parkway-7 lot sub division is being proposed. It will require 290 feet of a sewer extension.

PERSONNEL

A new employee for the Sewer Technician I position started today. The maintenance department is now at full staff.

OTHER

ADJOURNMENT

With no further business before the Commission, the meeting adjourned at 7:21 p.m.

MOTION made by Mr. Pinkham to adjourn. Mr. Negri seconded.

VOTE The motion passed unanimously.

Respectfully submitted,

Amy L. Windle
Recording Secretary

Transaction List

Sorted by Location No
From 02/15/2021 through 03/12/2021

Account No	Location No	Customer Name	Trans. Date	Trans. Type	Reason Batch	Amount
06-0007114	00337000		03/04/2021	Adjustment		
				SEWER USE Interest		-10.55
						-10.55
06-0000136	0050200		02/18/2021	Adjustment		
				SEWER USE Interest		-36.58
						-36.58
06-0004690	0108800		03/04/2021	Adjustment		
				SEWER USE Interest		-18.86
						-18.86
06-0004038	0133200		03/02/2021	Adjustment		
				SEWER USE Interest		-12.19
						-12.19
06-0004062	0575500		03/03/2021	Adjustment ON TIME		
				SEWER USE Interest		-2.00
						-2.00
06-0005594	0610300		03/11/2021	Adjustment ON TIME		
				SEWER USE		-19.74
				SEWER USE Interest		-2.00
				SEWER USE Miscellaneous		-24.00
						-45.74
06-0006619	0611200		03/03/2021	Adjustment		
				SEWER USE Interest		-2.00
						-2.00
06-0000583	0773800		03/03/2021	Adjustment		
				SEWER USE Interest		-2.00
						-2.00
Grand Totals						
				Adjustment		
				SEWER USE		-19.74
				SEWER USE Interest		-86.18
				SEWER USE Miscellaneous		-24.00
						-129.92

#4

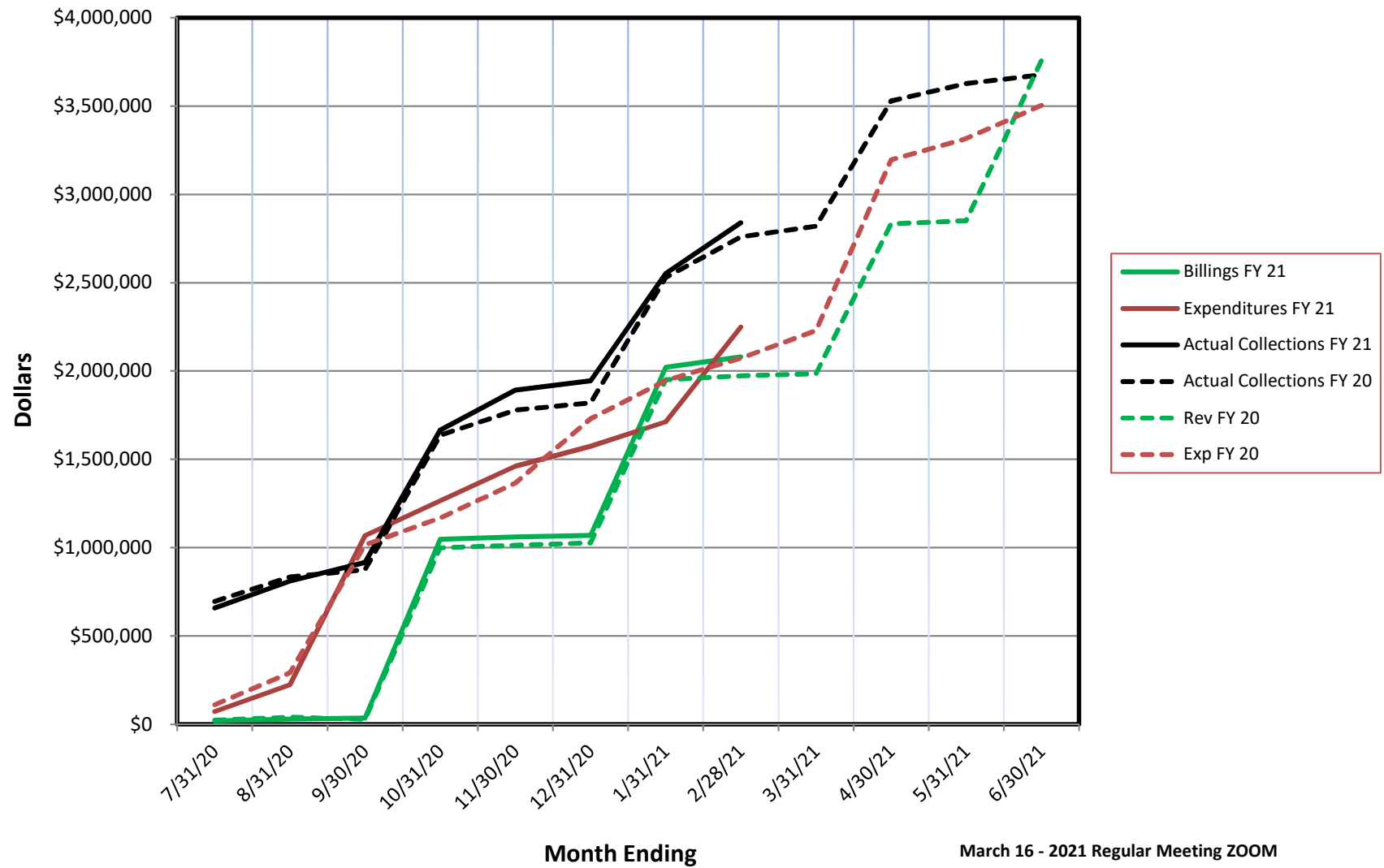
3/16/2021				BILL LIST	4/1/2021			
Date	PAID DATE	Department #	ACCT #	INVOICE #	JOB	VENDOR	DESCRIPTION	AMOUNT
		24431	55751	211005	210111	Wright-Pierce	Pump Station HVAC Upgrade	\$ 3,023.36
				090120WTFD16		U.S Automation, Inc (on call contractor)	East Neck PS Upgrades-labor	\$ 6,450.00
				113020WTFD17		U.S Automation, Inc (on call contractor)	Cross Rd PS Upgrades-labor	\$ 14,495.75
				13121WTFD18		U.S Automation, Inc (on call contractor)	Colonial PS Upgrades	\$ 9,695.85
		60131	52040	9977631863		Airgas	Monthly Rental cyclinders	\$ 52.41
		60131	52730	2172021		City of New London	Second half of treatment bill	\$ 775,111.55
		60131	52110			City of New London	Water	\$ 105.74
		60131	52040	G4-48580	210340/Evergree	Cummins	Evergreen Generator	\$ 2,693.69
		60131	52090			Eversource	Gas	\$ 52.46
		60131	52100			Eversource	Electric	\$ 15,234.09
		60131	53310		210157	Evoqua	Monthly Charges	\$ 1,200.00
		60131	53310	904819225	210157	Evoqua	Chemicals for Odor Control	\$ 2,822.56
		60131	53310	904801171	210157	Evoqua	Chemicals for Odor Control	\$ 11,511.04
		60131	54170	70410417		FW Webb	Cross Rd Water Heater	\$ 221.68
		60131	54170	70714794		FW Webb		\$ 172.47
		60131	54170	70732349		FW Webb		\$ 76.90
		60131	54170	9817560197		Grainger	Air Compressor Parts	\$ 116.33
		60131	54170	13349606-00		Granite Group	Mago Point Backflow	\$ 778.10
		60131	54170	13350628-00		Granite Group		\$ 145.11
		60131	54170	2282021		Home Depot	Shop supplies	\$ 179.01
		60131	53070	450212		NAPA	T4 Truck Supply	\$ 5.49
		60131	54170	450239		NAPA	Muffin Monster	\$ 17.87
		60131	54170	448891		NAPA	Generator Fuel Filter	\$ 9.84
		60131	54170	448880		NAPA	Oil for Pumps	\$ 44.40
		60131	54170	450115		NAPA	Generator Heater	\$ 378.98
		60131	53070	449408		NAPA	H10 Idler Pulley	\$ 21.45
		60131	54170	S043521488.001		NorthEast Electrical	Shop Supply	\$ 28.08
		60131	54170	S043514746.001		NorthEast Electrical	Shop Supply	\$ 52.84
		60131	54170	S043506477.001		NorthEast Electrical	Utility Office	\$ 21.00
		60131	54170	345935		Shipman's	T5 Flashlight	\$ 177.16
		60131	53070	218270		Strobes N More	T5 Lights	\$ 1,396.19
		60131	53020	56344		Superior Industrial	Shop Supplies	\$ 129.80
		60131	53020	55360		Superior Industrial	Car wash soap and salt neutralizer	\$ 178.00
		60131	54170	55362		Superior Industrial	Disposable Gloves	\$ 233.25
		60131	54170	S2984855	Evergreen	Superior Products	Core Bit for Evergreen	\$ 329.60
		60131	54170	S2988902.001		Superior Products	Frame and Cover Parkway North	\$ 817.14
		60131	54170	7-340138		West Springfield Auto Parts	H10 Repair	\$ 54.27
		60131	52030	FDB42AB1-2021527		WIN-911	Renewal Subscription	\$ 1,160.00

							Total	\$ 849,193.46
ALREADY PAID								
3/3/2021	3/19/2021	60131	52080	20921		Frontier	Pump Stations Telephone	\$ 144.55
		60131	53070	180976		Darling	T1	\$ 63.48
		60131	54170	70428352		FW Webb	Generator Part	\$ 58.36
		60131	54170	70124844		FW Webb	Cross Rd Tiolet	\$ 9.83
		60131	54170	70428907		FW Webb	Cross Rd Tiolet	\$ 2.36
		60131	54170	70353560	Evergreen	FW Webb	Evergreen Generator Part	\$ 84.22
		60131	54170	9802026410		Grainger	Eyewash Inspection Tags	\$ 42.36
		60131	53070	449699		NAPA	T5 Socket	\$ 56.76
		60131	53070	5127-279355		O'Reilly	T5 Lights	\$ 47.74
		60131	53070	5127-279328		O'Reilly	T5 Lights	\$ 38.19
		60131	53070	5127-279473		O'Reilly	T5 Lights	\$ 57.28
		60131	54170	21143		Rapid Lock & Door Service	New Keys	\$ 28.50
		60131	52040	7947496		TIAA Bank	Plotter Lease	\$ 205.00
		60131	52040	11370898		Vanco	Electronic Checks Fee	\$ 63.35
		60131	52080	9873478850		Verizon	Cell Phones	\$ 923.99
		60131	52008	22421		Suisman Shapiro	January 2021 Collection Services	\$ 5,396.90
3/9/2021	3/19/2021	60131	52030			Hartford HealthCare	New Employee Physical	\$ 207.00
		60131	52040	2102021		Atlantic Broadband	Cable for Rear Building	\$ 119.35
		60131	52080	2152021		Frontier	Fax Line	\$ 264.92
		60131	52050	7001892374		American Water Works Association	Tali's Renewal Membership	\$ 242.00
		60131	5250	9500216359		CV Properties Inc	Pipe Crossing for Harrison Landing	\$ 50.00
							Total	\$ 8,106.14
							Grand Total	\$ 857,299.60

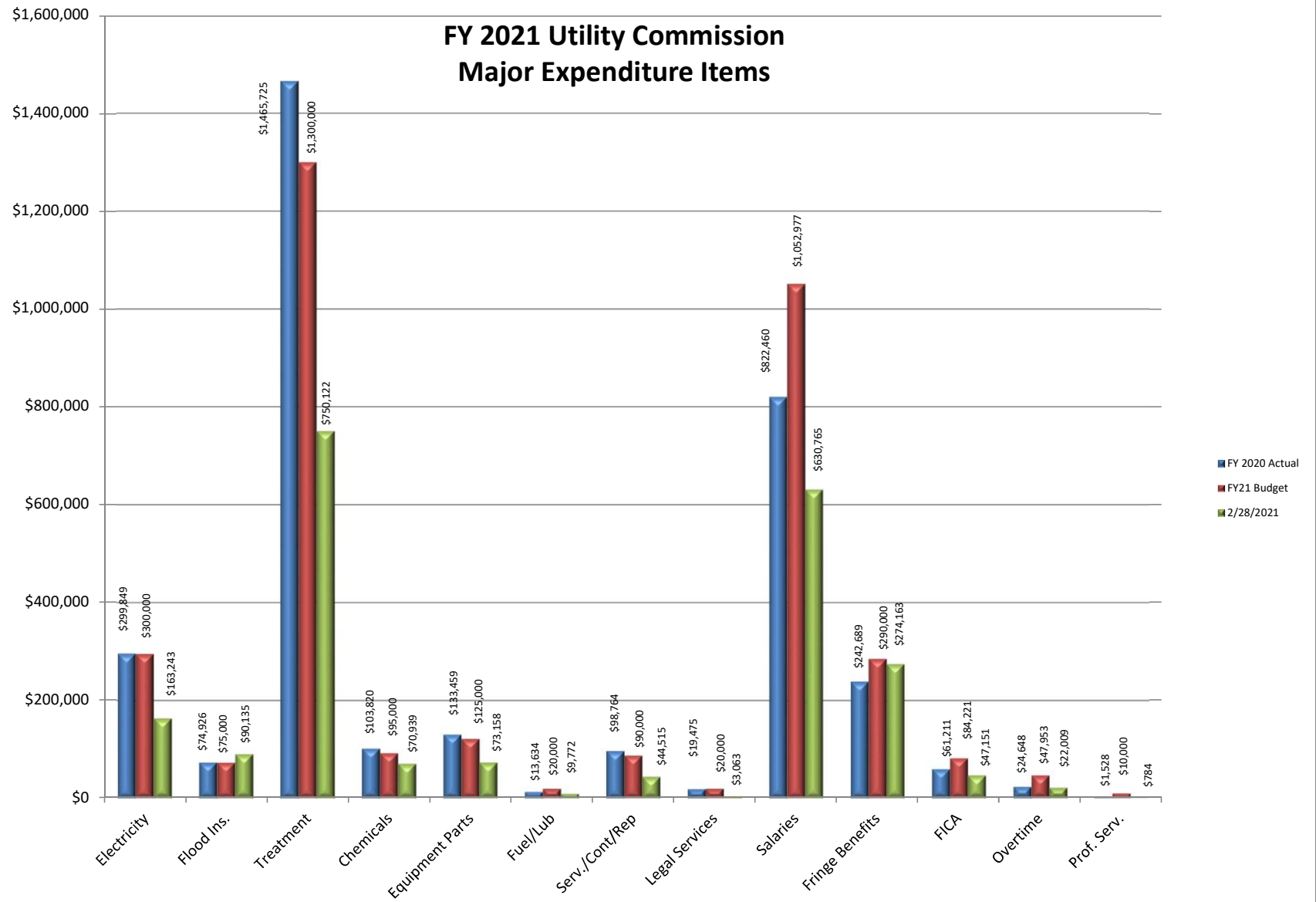
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Wastewater Enterprise Fund FY 2021 - Performance Progress - Cumulative						
Month Ending	Billings FY 21	Expenditures FY 21	Actual Collections FY 21	Actual Collections FY 20	Rev FY 20	Exp FY 20
7/31/20	\$19,414	\$72,336	\$658,113	\$695,689	\$23,981	\$110,914
8/31/20	\$29,282	\$224,471	\$810,222	\$834,268	\$40,299	\$291,616
9/30/20	\$35,505	\$1,067,669	\$916,875	\$874,785	\$27,971	\$1,015,091
10/31/20	\$1,047,611	\$1,265,660	\$1,665,442	\$1,636,562	\$999,673	\$1,168,315
11/30/20	\$1,061,469	\$1,461,451	\$1,891,978	\$1,777,971	\$1,013,082	\$1,365,066
12/31/20	\$1,070,039	\$1,574,768	\$1,945,328	\$1,819,750	\$1,027,038	\$1,730,566
1/31/21	\$2,021,715	\$1,713,113	\$2,552,576	\$2,530,327	\$1,950,795	\$1,945,572
2/28/21	\$2,079,904	\$2,249,337	\$2,839,543	\$2,760,028	\$1,972,295	\$2,072,289
3/31/21				\$2,820,744	\$1,984,582	\$2,228,364
4/30/21				\$3,528,312	\$2,832,631	\$3,194,895
5/31/21				\$3,628,128	\$2,851,292	\$3,315,415
6/30/21				\$3,676,533	\$3,757,519	\$3,503,869
March 16 -2021 Regular Meeting ZOOM						

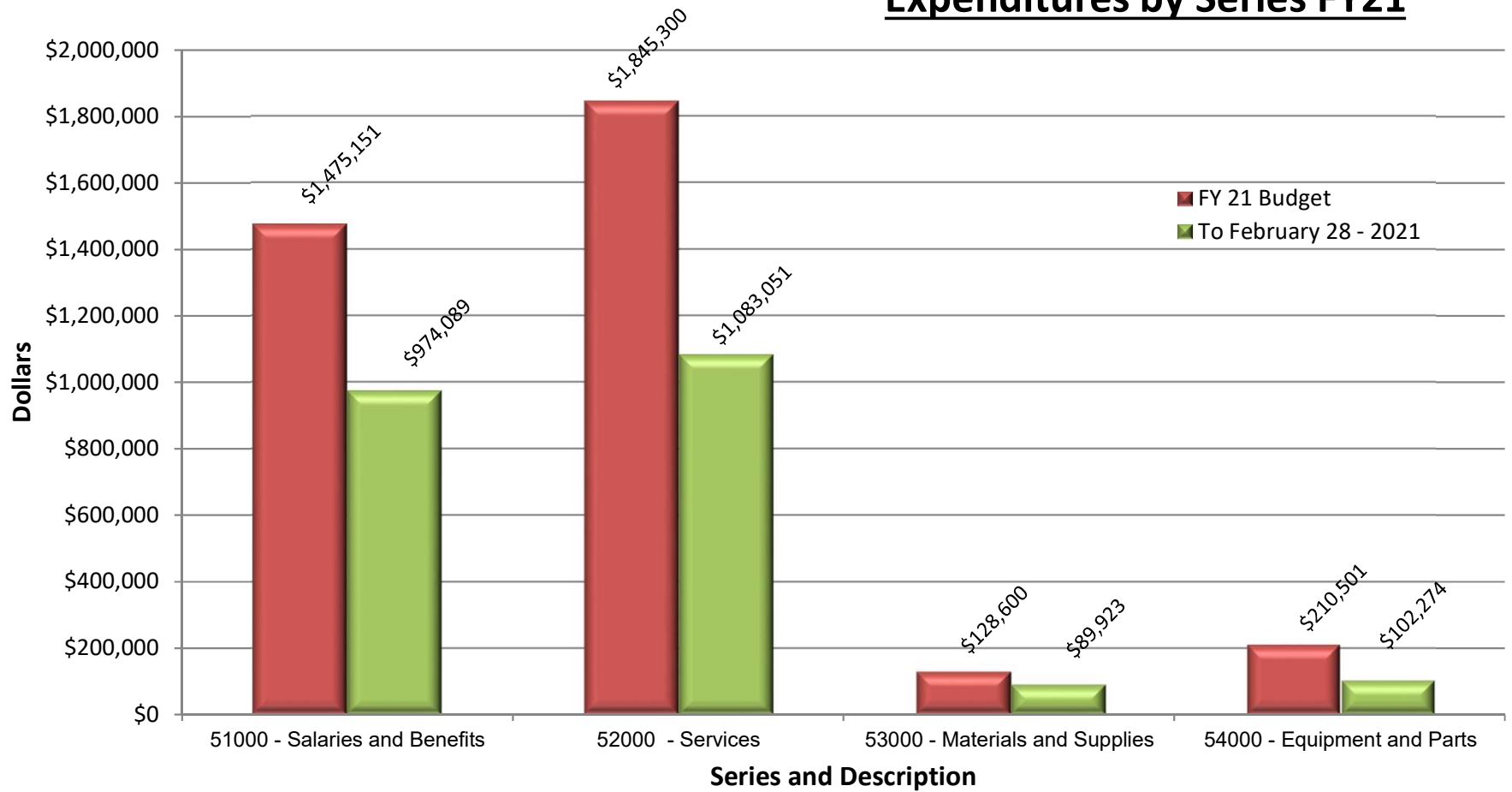
Progressive Performance of Wastewater Enterprise Budget FY 2021



FY 2021 Utility Commission Major Expenditure Items



Expenditures by Series FY21



Sewer Use Collections Status as of March 11, 2021

972 Files referred for collections with a current total of \$595,640.88

To Date:

836 Paid/Closed

46 Payment Plans – \$173,648.64

14 Town Real Estate Tax Foreclosures - \$94,930.29

18 Other entity foreclosures/bankruptcy/military - \$65,194.60

Activities over next 60-90 Days:

36 Filed or Filing lawsuits for non-payment - \$120,678.81

14 Town Sewer Use Foreclosures - \$118,331.09

8 Miscellaneous follow-up, on hold, bank owned, new referrals - \$22,857.45

Delinquent Sewer Use Collections Summary through March 11, 2021:

Fiscal Total Use Collections from July 1, 2011 to March 11, 2021	\$ 2,173,440.50
Fiscal Year Use Collections YTD	\$ 152,463.72
Fiscal Year Attorney Fees and Costs Expended*	\$ 38,931.69
Fiscal Year Attorney Fees and Costs Recovered	\$ 38,449.68

* Does not include February bill

SUMMARY FOR PREVIOUS FISCAL YEAR COLLECTIONS**2000 THROUGH 2017**

UTILITY COMMISSION FILES TOTAL:	\$ 1,921,603.90
TAX COLLECTOR FILES TOTAL:	\$ 5,205,748.53
UTILITY COMMISSION LEGAL REIMBURSEMENT	\$ 180,116.83
MISC. COLLECTION FILES TOTAL:	<u>\$ 743,672.87</u>
	\$ 8,051,142.13

FISCAL YEAR 2018

UTILITY COMMISSION FILES TOTAL:	\$ 250,573.49
TAX COLLECTOR FILES TOTAL:	\$ 700,752.17
UTILITY COMMISSION LEGAL REIMBURSEMENT	\$ 47,979.70
TAX & WUC LEGAL REIMBURSEMENT:	<u>\$ 26,266.71</u>
TOTAL	\$ 1,025,572.07

FISCAL YEAR 2019

UTILITY COMMISSION FILES TOTAL:	\$ 215,330.67
TAX COLLECTOR FILES TOTAL:	\$ 794,921.89
UTILITY COMMISSION LEGAL REIMBURSEMENT	\$ 54,793.23
TAX & WUC LEGAL REIMBURSEMENT:	<u>\$ 45,981.33</u>
TOTAL	\$ 1,111,027.12

FISCAL YEAR 2020

UTILITY COMMISSION FILES TOTAL:	\$ 175,514.89
TAX COLLECTOR FILES TOTAL:	\$ 482,767.88
UTILITY COMMISSION LEGAL REIMBURSEMENT	\$ 46,696.76
TAX & WUC LEGAL REIMBURSEMENT:	<u>\$ 36,184.35</u>
TOTAL	\$ 741,163.88

FISCAL YEAR TO DATE 2021 (JULY 1, 2020 TO MARCH 11, 2021)

UTILITY COMMISSION FILES TOTAL:	\$ 152,463.72
TAX COLLECTOR FILES TOTAL:	\$ 374,515.08
UTILITY COMMISSION LEGAL REIMBURSEMENT	\$ 38,449.68
TAX & WUC LEGAL REIMBURSEMENT:	<u>\$ 29,157.30</u>
TOTAL	\$ 594,585.78

GRAND TOTAL COLLECTED SINCE APPOINTMENT

AS TOWN ATTORNEY:	<u>\$11,523,490.98</u>
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Neftali Soto

From: Lanzafame, Joseph <jlanzafame@newlondonct.org>
Sent: Wednesday, February 17, 2021 10:51 AM
To: Neftali Soto
Subject: RE: Cybersecurity Alert from EPA

CAUTION: This email originated from outside of the organization.

Do not click links or open attachments unless you recognize the sender's email address and know the content is safe.

Hello Tali,

We went through a vulnerability assessment about 5 years ago. Our SCADA is not online, only on a local intranet. I do not believe we have any issues like the recent attack on the water supplier presented.

Joe

From: Neftali Soto <nsoto@waterfordct.org>
Sent: Wednesday, February 17, 2021 9:34 AM
To: Lanzafame, Joseph <jlanzafame@newlondonct.org>; Vetter, Peter <peter.vetter@veolia.com>
Subject: FW: Cybersecurity Alert from EPA

Gents,

At the Waterford Utility Commission meeting last night I was asked by the commissioners to check with you on - What measures New London is taking regarding cybersecurity. Please, let me know anything you can share so I can get back to the commission.

Appreciated.

Thank you.

Tali

From: deep.municipalwastewater@ct.gov <deep.municipalwastewater@ct.gov> **On Behalf Of** Straut, Ann
Sent: Thursday, February 11, 2021 4:51 PM
To: DEEP_MunicipalWastewater@LIST.CT.GOV
Subject: Cybersecurity Alert from EPA

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A Cybersecurity Alert Update from EPA - please read to the end and follow the suggested mitigation steps for your systems.

The FBI, DHS, US Secret Service, and the Pinellas County Sheriff's Office have issued a joint situational report that concerns the water sector. EPA is providing critical information from this report to the WSCC and GCC for

awareness. EPA recommends that all water systems implement the mitigation measures listed at the end of this report where applicable.

Background

On 5 February 2021, unidentified cyber actors obtained unauthorized access, on two separate occasions, approximately five hours apart, to the supervisory control and data acquisition (SCADA) system used at a local municipality's water treatment plant. The unidentified actors accessed the SCADA system's software and altered the amount of sodium hydroxide, a caustic chemical, used as part of the water treatment process. Water treatment plant personnel immediately noticed the change in dosing amounts and corrected the issue before the SCADA system's software detected the manipulation and alarmed due to the unauthorized change. As a result, the water treatment process remained unaffected and continued to operate as normal.

The unidentified actors accessed the water treatment plant's SCADA controls via remote access software, TeamViewer, which was installed on one of several computers the water treatment plant personnel used to conduct system status checks and to respond to alarms or any other issues that arose during the water treatment process. All computers used by water plant personnel were connected to the SCADA system and used the 32-bit version of the Windows 7 operating system. Further, all computers shared the same password for remote access and appeared to be connected directly to the Internet without any type of firewall protection installed.

Recommended Mitigation

- Restrict all remote connections to SCADA systems, specifically those that allow physical control and manipulation of devices within the SCADA network. One-way unidirectional monitoring devices are recommended to monitor SCADA systems remotely.
- Install a firewall software/hardware appliance with logging and ensure it is turned on. The firewall should be secluded and not permitted to communicate with unauthorized sources.
- Keep computers, devices, and applications, including SCADA/industrial control systems (ICS) software, patched and up-to-date.
- Use two-factor authentication with strong passwords.
- Only use secure networks and consider installing a virtual private network (VPN).
- Implement an update and patch management cycle. Patch all systems for critical vulnerabilities, prioritizing timely patching of Internet-connected systems for known vulnerabilities and software processing Internet data, such as Web browsers, browser plugins, and document readers.

To unsubscribe from this list, compose an e-mail to listserv@list.ct.gov from the same email account used when subscribing to DEEP_MunicipalWastewater.

Leave the subject line blank and in the body of the message type: Signoff DEEP_MunicipalWastewater. You will receive an e-mail confirmation that you have been removed from the list.

Neftali Soto

From: Vetter, Peter <peter.vetter@veolia.com>
Sent: Wednesday, February 17, 2021 11:42 AM
To: Neftali Soto
Cc: Joe Lanzafame, PE (jlanzafame@newlondonct.org)
Subject: Re: FW: Cybersecurity Alert from EPA

CAUTION: This email originated from outside of the organization.

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Three years ago Veolia IT performed an audit that identified several potential vulnerabilities to cyber attack. at that time they install fire walls at the Lake and WWTF and physically separated the SCADA systems from the internet. This is now regularly audited by Corporate IT

On Wed, 17 Feb 2021 at 09:34, Neftali Soto <nsoto@waterfordct.org> wrote:

Gents,

At the Waterford Utility Commission meeting last night I was asked by the commissioners to check with you on - What measures New London is taking regarding cybersecurity. Please, let me know anything you can share so I can get back to the commission.

Appreciated.

Thank you.

Tali

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Leave the subject line blank and in the body of the message type: Signoff DEEP_MunicipalWastewater. You will receive an e-mail confirmation that you have been removed from the list.

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Peter Vetter
Project Manager
Veolia Water, NA - New London WWTF
100 Trumbull Street
New London, Ct 06320
Office: (860) 447-5257
Fax: (860) 437-8325
Cel (860) 625-4197
Email: peter.vetter@veolia.com

www.veoliawaterna.com Veolia Water is the world leader in water and wastewater services and technology solutions. We are part of Veolia Environnement (NYSE: VE), the global leader in environmental services with 30,000 North American employees.

www.growingblue.com Water. Economics. Life. Growing Blue is an information resource that tells the story of how water is as essential to our economic and social growth as it is to sustaining our environment.



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FIFTEEN ROPE FERRY ROAD



WATERFORD, CT 06385-2886

BID FORM

Grinder Pump's for Low Pressure Sewer Collection System BID #21-103

FR. Mahony & Assoc. Inc. 273 Weymouth St Rockland MA 02370
VENDOR NAME AND ADDRESS

Edward F. Quann
PRINTED NAME AND TITLE OF VENDOR'S AGENT

781-992-9300(P) 781-982-1056(F) edquann@frmahony.com
PHONE AND FACSIMILE NUMBERS, E-MAIL ADDRESS

I Edward F. Quann, branch mgr of the
Name Position

above named firm hereby submit the following bid in accordance with Town of Waterford specifications.

[Signature] 3-1-2021
SIGNATURE DATE

\$2261.⁰⁰ PRICE PER PUMP X 10 PUMPS = \$22,610.⁰⁰ TOTAL BID AMOUNT

Two thousand, two hundred sixty one dollars and no cents - price per pump
Twentytwo thousand, six hundred ten dollars and no cents - Total Bid Amount

COMMENTS:

Alarm Panels omitted this bid.

Please attach additional sheets to the Proposal Form.



**TOWN OF WATERFORD
NON-COLLUSION STATEMENT**

"The undersigned affirms that they are duly authorized to execute this contract, that this company, corporation, firm, partnership or individual has not prepared this bid in collusion with any other bidder, and that the contents of this bid as to prices, terms or conditions of said bid have not been communicated by the undersigned nor by any employee or agent to any other person engaged in this type of business prior to the official opening of this bid."

We understand that this proposal must be signed by an authorized agent of our company to constitute a valid proposal.

Date: 3-1-2021
Name of Company: F.R. Mahony & Assoc. Inc.
Name and Title of Agent: Edward F. Quinn MGR
By (SIGNATURE): [Signature]
Address: 223 Weymouth Street
Rockland MA 02370
Telephone Number: 781-982-9300

WARRANTY PERFORMANCE CERTIFICATION

As a pre-bid certification requirement, each bidder shall provide a Warranty Performance Certification executed by the most senior executive officer, which certifies a minimum of a two (2) year warranty. They must further detail any exclusions from the warranty or additional cost items required to maintain the equipment in warrantable condition, including all associated labor and shipping fees, and certify that the manufacturer will bear all costs to correct original equipment deficiency for the effective period of the warranty.

I, F.B. Mahony & Associates Inc., by and through my duly authorized signature below as its most senior operating executive, certify that Environment One Corp. will provide a two (2) year warranty on grinder pump equipment manufactured and supplied by Environment One Corp. for the Grinder Pump for Low Pressure Sewer Collection System project. I further certify that, other than failure to install equipment in accordance with manufacturer's instructions, no exclusions and/or cost items to maintain said equipment in warrantable condition, including labor, travel and shipping fees, exist except as detailed immediately below:

EXCLUSIONS: 1. None
 2. _____
 3. _____

COST ITEMS TO
 MAINTAIN EQUIPMENT
 IN WARRANTABLE CONDITION:

Required
 Frequency (mos)

Avg. monthly cost (\$)
 times warranty period

1. <u>None</u>	<u>-</u>	\$ <u>-</u>
2. <u>1</u>	<u>1</u>	\$ <u>1</u>
3. <u>1</u>	<u>1</u>	\$ <u>1</u>
4. <u>1</u>	<u>1</u>	\$ <u>1</u>
5. <u>1</u>	<u>1</u>	\$ <u>1</u>

Total labor/material cost to maintain equipment in warrantable condition for warranty period (\$):

For any items not identified as exclusions or additional cost items above, OR for additional labor & material costs required to maintain equipment in warrantable condition that exceed the Avg. monthly cost (\$) detailed above, FLM will bear all costs to correct such original equipment deficiency for the effective period of the warranty including all applicable labor, travel and shipping fees.

[Signature]
 Signature

3-1-2011
 Date

Branch Manager
 Title

MANUFACTURER'S DISCLOSURE STATEMENT

Note: To be completed if proposing an alternate

1.0 GENERAL:

1.01 General Description

Describe all non-conforming aspects to the specification:

None

1.04 Experience

List 10 low pressure sewer system installations of the type of pump/station specified (progressive cavity type) that have been in operation for a period of no less than ten years with a minimum of 100 pumps pumping into a "common" low pressure sewer system. Provide Name and Location, Contact Name, Phone Number, Number of Pumps, and Install Date for each.

Edgartown MA	Joe Rack	508-627-5169	200+ pumps	2006 ongoing
Marion MA	Frank Cooper	508-748-3540	430 pumps	2005
Warwick RI	Donna Flynn	401-468-4715	800+ pumps	1985 ongoing
Oak Bluffs MA	Patrick Hickey	508-693-0343	780 pumps	2000
Scituate MA	William Branton	781-545-8736	164 pumps	2006 ongoing
Sturbridge MA	Greg Marsc	508-347-2516	800 pumps	1998
Groton CT	Wendell Smith	860-441-6740	100 pumps	1978
Winsted CT	Marty Cormier	860-379-4101	350 pumps	1994
Waterford CT	Jim Bartelli	860-441-5880	240 pumps	1981

1.05 Operating Conditions

Describe all non-conforming aspects to the specification:

None

1.06 Warranty

Fully state the manufacturer's warranty:

NO exceptions
AS STATED IN SECTION 1.06 PAGE 3
OF SPECIFICATION

2.0 PRODUCT:

2.01 Pump

Describe all non-conforming aspects to the specification:

None

2.02 Grinder

Describe all non-conforming aspects to the specification:

None

2.03 Motor

Describe all non-conforming aspects to the specification:

None

2.05 Tank

Describe all non-conforming aspects to the specification:

N/A – Tank is Existing

2.07 Electrical Quick Disconnect

Describe all non-conforming aspects to the specification:

None

2.08 Check Valve

Describe all non-conforming aspects to the specification:

None

2.09 Anti-Siphon Valve

Describe all non-conforming aspects to the specification:

None

2.11 Controls

Describe all non-conforming aspects to the specification:

None

2.16 Safety

Describe all non-conforming aspects to the specification:

None

3.0 EXECUTION:**3.01 Factory Test**

Describe all non-conforming aspects to the specification:

None

I attest that all questions are answered truthfully and all non-conforming aspects to the specifications have been described where requested.

Manufacturer: Environment one / FRMA

By: Edward Quinn [Signature] Date: 3-1-2021
Name of Corporate Officer Signature

Branch manager
Title of Corporate Officer

Witness: Ellen L. McLean [Signature] Date: 3-1-2021
Name Signature

1.0 GENERAL

- 1.01 GENERAL DESCRIPTION:** The **MANUFACTURER** shall furnish complete factory-built and tested Wetwell/Drywell Grinder Pump Replacement Core(s), each consisting of grinder pump(s) for mounting in Environment One Wetwell/Drywell Grinder Pump Stations, NEMA 6P electrical quick disconnect (EQD), pump removal system, stainless steel discharge assembly, anti-siphon valve/check valve and all necessary internal wiring and controls. Component type grinder pump systems that require field assembly will not be acceptable due to the potential problems that can occur during field assembly. All components and materials shall be in accordance with section 2.0 of this Product Specification. For ease of serviceability, all pump, motor/grinder units shall be of like type and horsepower throughout the system.
- 1.02 SUBMITTALS:** After receipt of notice to proceed, the **MANUFACTURER** shall furnish a minimum of six sets of electronic shop drawings detailing the equipment to be furnished including dimensional data and materials of construction. The **ENGINEER** shall promptly review this data, and return two copies as accepted, or with requested modifications. Upon receipt of accepted shop drawings, the **MANUFACTURER** shall proceed immediately with fabrication of the equipment.
- 1.03 MANUFACTURER:** Grinder pump stations, complete with all appurtenances, form an integral system, and as such, shall be supplied by one grinder pump manufacturer. The **CONTRACTOR** shall be responsible for the satisfactory operation of the entire system. The equipment specified shall be a product of a company experienced in the design and manufacture of grinder pumps for specific use in low pressure sewage systems. The company shall submit detailed installation and user instructions for its product, submit evidence of an established service program including complete parts and service manuals, and be responsible for maintaining a continuing inventory of grinder pump replacement parts. The **MANUFACTURER** shall provide, upon request, a reference and contact list from ten of its largest contiguous grinder pump installations of the type of grinder pumps described within this specification.

The **MANUFACTURER** of the grinder pump shall be Environment One Corporation (or Proposed Alternate).

Attention is directed to the fact that the drawings and overall system design are based on a particular piece of equipment from a particular manufacturer. These specifications are intended to provide guidelines for standard equipment of a recognized manufacturer who already meets all the requirements of this specification.

- 1.03a ALTERNATE EQUIPMENT:** In the event that the **CONTRACTOR** or another supplier proposes an Alternate to the specified **MANUFACTURER**, the **ENGINEER** recognizes that it will be difficult to conform to certain details of this Specification due to different manufacturing techniques or grinder pump station designs. If proposing an Alternate, the **CONTRACTOR** (supplier) must submit, no less than 15 business days in advance of the bid date, a complete description of any changes that will be necessary to the system design, a complete submittal package as outlined in Section 1.02 SUBMITTALS, a system hydraulic analysis based on the proposed pump (including pipe sizes, flows, velocities, retention times and number and location of recommended valves and cleanouts, if any), a list of exceptions to this specification, and demonstration of compliance to Section 1.04 EXPERIENCE CLAUSE of this specification. The **CONTRACTOR** (supplier) must also complete the Manufacturer Disclosure Statement found at the end of this specification. This information must be submitted to the **ENGINEER** for pre-approval of the alternate equipment being proposed and determination of compliance with these Contract Documents. If the equipment differs materially or differs from the dimensions given on the Drawings, the **CONTRACTOR** (supplier) shall submit complete drawings showing elevations, dimensions, or any necessary changes to the Contract Documents for the proposed equipment and its installation. Pre-approval, if granted, will be provided in writing by the **ENGINEER** to the **CONTRACTOR** (supplier) at least five business days in advance of the bid date. If the **ENGINEER'S** approval is obtained for Alternate Equipment, the **CONTRACTOR** (supplier) must make any needed changes in the structures, system design, piping or electrical systems necessary to accommodate the proposed equipment at the expense of the **CONTRACTOR** (supplier).

- 1.04 EXPERIENCE CLAUSE:** The equipment furnished hereunder shall be the product of a company experienced in the design and manufacture of grinder pumps specifically designed for use in low pressure systems. All manufacturers proposing equipment for this project shall have at least 10 years of experience in the design and manufacture of units of identical size(s) and performance to the specified units. All manufacturers proposing equipment for this project must also have not less than 500 successful installations of low pressure sewer systems utilizing grinder pumps of like type to the grinder pumps specified herein. An installation is defined as a minimum of 25 pumps discharging into a common force main which forms a low pressure sewer system. The **CONTRACTOR** (supplier) proposing alternate equipment shall also submit, as part of the bid schedule, an installation list with contact person(s), phone number(s) and date(s) of at least 10 installations of the type of pump specified herein that have been in operation for at least 10 years.

In lieu of this experience clause, the **CONTRACTOR** (supplier) of alternate equipment will be required to submit a 5-year performance bond for 100 percent of the stipulated cost of the equipment as bid and as shown in the Bid Schedule. This performance bond will be used to guarantee the replacement of the equipment in the event that it fails within the bond period.

- 1.05 OPERATING CONDITIONS:** The pumps shall be capable of delivering 15 GPM against a rated total dynamic head of 0 feet (0 PSIG), 11 GPM against a rated total dynamic head of 92 feet (40 PSIG), and 7.8 GPM against a rated total dynamic head of 185 feet (80 PSIG). The pump(s) must also be capable of operating at negative total dynamic head without overloading the motor(s). Under no conditions shall in-line piping or valving be allowed to create a false apparent head.
- 1.06 WARRANTY:** The grinder pump **MANUFACTURER** shall provide a part(s) and labor warranty on the complete grinder pump core for a period of 24 months after notice of **OWNER'S** acceptance, but no greater than 27 months after receipt of shipment. Any manufacturing defects found during the warranty period will be reported to the **MANUFACTURER** by the **OWNER** and will be corrected by the **MANUFACTURER** at no cost to the **OWNER**.
- 1.07 WARRANTY PERFORMANCE CERTIFICATION:** As a bid certification requirement, each bidder shall provide with their bid schedule a Warranty Performance Certification statement executed by the most senior executive officer of the grinder pump **MANUFACTURER**, which certifies a minimum of a 24-month warranty. They must further detail any exclusions from the warranty or additional cost items required to maintain the equipment in warrantable condition, including all associated labor and shipping fees, and certify that the **MANUFACTURER** will bear all costs to correct any original equipment deficiency for the effective period of the warranty. All preventive maintenance type requirements shall be included in this form as exclusions. These requirements include, but are not limited to, unjamming of grinder mechanism, periodic motor maintenance, and periodic cleaning of liquid level controls. Should the **CONTRACTOR** (supplier) elect to submit a performance bond in lieu of the experience clause outlined above, this Warranty Performance Certification shall also be used as a criterion to evaluate the **CONTRACTOR'S** (supplier's) performance over the warranty period. A Warranty Performance Certification form is included with the bid schedule and must be completed and submitted as part of the bid package. Bids with incomplete forms or missing forms will be considered nonresponsive.

2.0 PRODUCT

- 2.01 PUMP:** The pump shall be a custom designed, integral, vertical rotor, motor driven, solids handling pump of the **progressing cavity type** with a single mechanical seal. Double radial O-ring seals are required at all casting joints to minimize corrosion and create a protective barrier. All pump castings shall be cast iron, fully epoxy coated to 8-10 mil Nominal dry thickness, wet applied. The rotor shall be through-hardened, highly polished, precipitation hardened stainless steel. The stator shall be of a specifically compounded ethylene propylene synthetic elastomer. This material shall be suitable for domestic wastewater service. Its physical properties shall include high tear and abrasion resistance, grease resistance, water and detergent resistance, temperature stability, excellent aging properties, and outstanding wear resistance. Buna-N is not acceptable as a stator material because it does not exhibit the properties as outlined above and required for wastewater service.

2.02 GRINDER: The grinder shall be placed immediately below the pumping elements and shall be direct-driven by a single, one-piece motor shaft. The grinder impeller (cutter wheel) assembly shall be securely fastened to the pump motor shaft by means of a threaded connection attaching the grinder impeller to the motor shaft. Attachment by means of pins or keys will not be acceptable. The grinder impeller shall be a one-piece, 4140 cutter wheel of the rotating type with inductively hardened cutter teeth. The cutter teeth shall be inductively hardened to Rockwell 50 – 60c for abrasion resistance. The shredder ring shall be of the stationary type and the material shall be white cast iron. The teeth shall be ground into the material to achieve effective grinding. The shredder ring shall have a staggered tooth pattern with only one edge engaged at a time, maximizing the cutting torque. These materials have been chosen for their capacity to perform in the intended environment as they are materials with wear and corrosive resistant properties.

This assembly shall be dynamically balanced and operate without objectionable noise or vibration over the entire range of recommended operating pressures. The grinder shall be constructed so as to minimize clogging and jamming under all normal operating conditions including starting. Sufficient vortex action shall be created to scour the tank free of deposits or sludge banks which would impair the operation of the pump. These requirements shall be accomplished by the following, in conjunction with the pump:

1. The grinder shall be positioned in such a way that solids are fed in an upward flow direction.
2. The maximum flow rate through the cutting mechanism must not exceed 4 feet per second. This is a critical design element to minimize jamming and as such must be adhered to.
3. The inlet shroud shall have a diameter of no less than 5 inches. Inlet shrouds that are less than 5 inches in diameter will not be accepted due to their inability to maintain the specified 4 feet per second maximum inlet velocity which by design prevents unnecessary jamming of the cutter mechanism and minimizes blinding of the pump by large objects that block the inlet shroud.
4. The impeller mechanism must rotate at a nominal speed of no greater than 1800 rpm.

The grinder shall be capable of reducing all components in normal domestic sewage, including a reasonable amount of "foreign objects," such as paper, wood, plastic, glass, wipes, rubber and the like, to finely-divided particles which will pass freely through the passages of the pump and the 1-1/4" diameter stainless steel discharge piping.

2.03 ELECTRIC MOTOR: As a maximum, the motor shall be a 1 HP, 1725 RPM, 240 Volt 60 Hertz, 1 Phase, capacitor start, ball bearing, air-cooled induction type with Class F installation, low starting current not to exceed 30 amperes and high starting torque of 8.4 foot pounds. The motor shall be press-fit into the casting for better heat transfer and longer winding life. Inherent protection against running overloads or locked rotor conditions for the pump motor shall be provided by an automatic-reset, integral thermal overload protector incorporated into the motor. This motor protector combination shall have been specifically investigated and listed by Underwriters Laboratories, Inc., for the application. Non-capacitor start motors or permanent split capacitor motors will not be accepted because of their reduced starting torque and consequent diminished grinding capability. The wet portion of the motor armature must be 300 Series stainless. To reduce the potential of environmental concerns, the expense of handling and disposing of oil, and the associated maintenance costs, oil-filled motors will not be accepted. Motor start shall be controlled by a DC driven electromechanical relay integrated within the control compartment of the pump. Electrical monitoring shall ensure the relay operates reliably. AC Mechanical contactors for motor start are susceptible to damage from short cycling and will not be accepted.

2.04 MECHANICAL SEAL: The pump/core shall be provided with a mechanical shaft seal to prevent leakage between the motor and pump. The seal shall have a stationary ceramic seat and carbon rotating surface with faces precision lapped and held in position by a stainless-steel spring.

- 2.05 TANK AND INTEGRAL ACCESSWAY: (Model DH071) High Density Polyethylene Construction. – Omitted - Existing**
- 2.06 TANK & INTEGRAL ACCESSWAY: (Models DH151 150 Gallon Simplex & DH152 150 Gallon Duplex) High Density Polyethylene Construction. – Omitted - Existing**
- 2.07 TANK & INTEGRAL ACCESSWAY: (DH272, 275-Gallon Duplex & DH502, 500-Gallon Duplex) Fiberglass reinforced polyester resin. – Omitted - Existing**
- 2.08 CHECK VALVE:** The pump discharge shall be equipped with a factory installed, gravity operated, flapper-type integral check valve built into the stainless-steel discharge piping. The check valve will provide a full-ported passageway when open and shall introduce a friction loss of less than 6 inches of water at maximum rated flow. Moving parts will be made of a 300 Series stainless steel and fabric reinforced synthetic elastomer to ensure corrosion resistance, dimensional stability, and fatigue strength. A nonmetallic hinge shall be an integral part of the flapper assembly providing a maximum degree of freedom to assure seating even at a very low backpressure. The valve body shall be an injection molded part made of an engineered thermoplastic resin. The valve shall be rated for continuous operating pressure of 235 psi. Ball-type check valves are unacceptable due to their limited sealing capacity in slurry applications.
- 2.09 ANTI-SIPHON VALVE:** The pump discharge shall be equipped with a factory-installed, gravity-operated, flapper-type integral anti-siphon valve built into the stainless-steel discharge piping. Moving parts will be made of 300 Series stainless steel and fabric-reinforced synthetic elastomer to ensure corrosion resistance, dimensional stability, and fatigue strength. A nonmetallic hinge shall be an integral part of the flapper assembly, providing a maximum degree of freedom to ensure proper operation even at a very low pressure. The valve body shall be injection-molded from an engineered thermoplastic resin. Holes or ports in the discharge piping are not acceptable anti-siphon devices due to their tendency to clog from the solids in the slurry being pumped. The anti-siphon port diameter shall be no less than 60% of the inside diameter of the pump discharge piping.
- 2.10 CORE UNIT:** The grinder pump station shall have a cartridge type, easily removable core assembly consisting of pump, motor, grinder, all motor controls, check valve, anti-siphon valve, level controls, electrical quick disconnect and wiring. The core unit shall be installed in the basin by the manufacturer. Field assembly of the pump and controls into the basin is not acceptable because of potential workmanship issues and increased installation time. In some cases, stations taller than 96" may be shipped on their side without the cores assembled in the basin for freight purposes but this is the only exception. The core unit shall seal to the tank deck with a stainless-steel latch assembly. The latch assembly must be actuated utilizing a single quick release mechanism requiring no more than a half turn of a wrench. The watertight integrity of each core unit shall be established by a 100 percent factory test at a minimum of 5 PSIG.
- 2.11 CONTROLS:** All necessary motor starting controls shall be located within the cast iron enclosure of the core unit secured by stainless steel fasteners. Locating the motor starting controls in a plastic enclosure is not acceptable. The wastewater level sensing controls shall be housed in a separate enclosure from motor starting controls. The level sensor housing must be sealed via a radial type seal; solvents or glues are not acceptable. The level sensing control housing must be integrally attached to pump assembly so that it may be removed from the station with the pump and in such a way as to minimize the potential for the accumulation of grease and debris accumulation, etc. The level sensing housing must be a high-impact thermoplastic copolymer over-molded with a thermo plastic elastomer. The use of PVC for the level sensing housing is not acceptable.

Non-fouling wastewater level controls for controlling pump operation shall be accomplished by monitoring the pressure changes in an integral air column connected to a pressure switch. The air column shall be integrally molded from a thermoplastic elastomer suitable for use in wastewater and with excellent impact resistance. The air column shall have only a single connection between the water level being monitored and the pressure switch. Any connections are to be sealed radially with redundant O-rings. The level detection device shall have no moving parts in direct contact with the

wastewater and shall be integral to the pump core assembly in a single, readily exchanged unit. Depressing the push to run button must operate the pump even with the level sensor housing removed from the pump.

All fasteners throughout the assembly shall be 300 Series stainless steel. High-level sensing will be accomplished in the manner detailed above by a separate air column sensor and pressure switch of the same type. Closure of the high-level sensing device will energize an alarm circuit as well as a redundant pump-on circuit. For increased reliability, pump ON/OFF and high-level alarm functions shall not be controlled by the same switch. Float switches of any kind, including float trees, will not be accepted due to the periodic need to maintain (rinsing, cleaning) such devices and their tendency to malfunction because of incorrect wiring, tangling, grease buildup, and mechanical cord fatigue. To assure reliable operation of the pressure switches, each core shall be equipped with a factory installed equalizer diaphragm that compensates for any atmospheric pressure or temperature changes. Tube or piping runs outside of the station tank or into tank-mounted junction boxes providing pressure switch equalization will not be permitted due to their susceptibility to condensation, kinking, pinching, and insect infestation. The grinder pump will be furnished with a 6 conductor 14-gauge, type SJOW cable, pre-wired and watertight to meet UL requirements with a **FACTORY INSTALLED NEMA 6P EQD** half attached to it. A conversion (Kit) cable will also be supplied if and when needed.

2.12 STAINLESS STEEL CURB STOP/CHECK VALVE ASSEMBLY (UNI-LATERAL): Omitted - Existing

2.13 ALARM PANEL: Omitted – Existing Panels

2.14 SERVICEABILITY: The grinder pump core, including level sensor assembly, shall have two lifting hooks complete with lift-out harness connected to its top housing to facilitate easy core removal when necessary. The level sensor assembly must be easily removed from the pump assembly for service or replacement. All mechanical and electrical connections must provide easy disconnect capability for core unit removal and installation. Each EQD half must include a water-tight cover to protect the internal electrical pins while the EQD is unplugged. A pump push-to-run feature will be provided for field trouble shooting. The push-to-run feature must operate the pump even if the level sensor assembly has been removed from the pump assembly. All motor control components shall be mounted on a readily replaceable bracket for ease of field service.

2.15 OSHA CONFINED SPACE: All maintenance tasks for the grinder pump station must be possible without entry into the grinder pump station (as per **OSHA 1910.146**, permit-required confined spaces). *"Entry means the action by which a person passes through an opening into a permit-required confined space. Entry includes ensuing work activities in that space and is considered to have occurred as soon as any part of the entrant's body breaks the plane of an opening into the space."*

2.16 SAFETY: The grinder pump shall be free from electrical and fire hazards as required in a residential environment. As evidence of compliance with this requirement, the completely assembled and wired grinder pump station shall be listed by Underwriters Laboratories, Inc. to be safe and appropriate for the intended use. UL listing of components of the station, or third-party testing to UL standard are not acceptable.

The grinder pump shall meet accepted standards for plumbing equipment for use in or near residences, shall be free from noise, odor, or health hazards, and shall have been tested by an independent laboratory to certify its capability to perform as specified in either individual or low pressure sewer system applications. As evidence of compliance with this requirement, the grinder pump shall bear the seal of NSF International. Third-party testing to NSF standard is not acceptable.

3.0 EXECUTION

3.01 FACTORY TEST: Each grinder pump shall be submerged and operated for 1.5 minutes (minimum). Included in this procedure will be the testing of all ancillary components such as, the anti-siphon valve, check valve, discharge assembly and each unit's dedicated level controls and motor controls. All factory

All equipment and materials necessary to perform testing shall be the responsibility of the **INSTALLING CONTRACTOR**. This includes, as a minimum, a portable generator and power cable (if temporary power is required), water in each basin (filled to a depth sufficient to verify the high level alarm is operating), and opening of all valves in the system. These steps shall be completed prior to the qualified factory trained technician(s) arrival on site.

The services of a trained factory-authorized technician shall be provided at a rate of 40 hours for every 100 grinder pump stations supplied.

Upon completion of the installation, the authorized factory technician(s) will perform the following test on each station:

1. Make certain the discharge shut-off valve in the station is fully open.
2. Turn ON the alarm power circuit and verify the alarm is functioning properly.
3. Turn ON the pump power circuit. Initiate the pump operation to verify automatic "on/off" controls are operative. The pump should immediately turn ON.
4. Consult the Manufacturer's Service Manual for detailed start-up procedures.

Upon completion of the start-up and testing, the **MANUFACTURER** shall submit to the **ENGINEER** the start-up authorization form describing the results of the tests performed for each grinder pump station. Final acceptance of the system will not occur until authorization forms have been received for each pump station installed and any installation deficiencies corrected.

4.0 OPERATION AND MAINTENANCE

- 4.01 MANUALS:** The **MANUFACTURER** shall supply four copies of Operation and Maintenance Manuals to the **OWNER**, and one copy of the same to the **ENGINEER**.

END OF SECTION

From: [Rawle Dummett](#)
To: [Neftali Soto](#); [Jim Bartelli](#)
Subject: Bid#21-103 Grinder Pumps
Date: Friday, March 5, 2021 11:02:09 AM

Gentlemen.

After analyzing the bid submission from F.R. Mahoney, I have found that they have complied with all requirements stated in the bid document.

Should the commission decide to award the contract to said vendor, the Purchasing Department would approve.

Regards

Rawle Dummett

Purchasing Agent

Town of Waterford

Tele:860-444-5842



EESC Evergreen& Harvey Ave. PS HVAC bid

FIFTEEN ROPE FERRY ROAD



WATERFORD, CT 06385-2886

BID FORM Evergreen Avenue and Blue Hill Pump Stations HVAC Improvements BID # 21-100

Electrical Energy Systems Corp., 215 Captain Lewis Drive, Southington , CT 06489

VENDOR NAME AND ADDRESS

N/A

PRINTED NAME AND TITLE OF VENDOR'S AGENT

Phone: 860-621-9657 Fax: 860-621-2456 cvose@eesc-ct.com

PHONE AND FACSIMILE NUMBERS, E-MAIL ADDRESS

I Cynthia A. Vose , V.P. of Operations of the
Name Position

above named firm hereby submit the following bid in accordance with Town of Waterford specifications.

Cynthia A. Vose March 11, 2021
SIGNATURE DATE

PROJECT IDENTIFICATION:	Evergreen Avenue and Blue Hills Pump Stations HVAC Improvements
THIS BID IS SUBMITTED TO:	Town of Waterford Connecticut
	15 Rope Ferry Road
	Waterford, Connecticut 06385

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a purchase order agreement with the Town of Waterford at the stipulated price indicated in this bid.
2. Bidder accepts all of the terms and conditions of the Advertisement or Invitation to Bid. This Bid will remain subject to acceptance for 90 days after the day of Bid opening.

3. BIDDER has familiarized itself with the nature and extent of the Bid Documents including any Addenda (acknowledge receipt of any and all Addenda by listing the date and Addenda Number where indicated below), Work, locality, and all local conditions and Laws and Regulations that in any manner may affect cost, progress, performance or furnishing of the Work.

Addenda
Date _____

Addenda
Number _____

4. BIDDER has given ENGINEER written notice of all conflicts, errors or discrepancies that it has discovered in the Bid Documents and the written resolution thereof by ENGINEER is acceptable to BIDDER.
5. BIDDER certifies that the Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER.
6. BIDDER understands that the OWNER reserves the right to reject any or all bids.
7. Bidder will complete the Work described in the Contract Documents for the following price(s):

BID SCHEDULE

Item No.	Quantity	Brief Description of Item with Unit Bid Price in Words	Unit Bid In Figures	Amount In Figures
1	1 L.S.	Evergreen Avenue Pump Station HVAC/Electrical Improvements all-inclusive The Sum of \$ <u>Three hundred ninety three thousand eight hundred thirty seven XXX</u> Per Lump Sum	\$ <u>393,837.00</u>	\$ <u>393,837.00</u>
2	1 L.S.	Blue Hills Pump Station HVAC/Electrical Improvements all-inclusive less Item #3 The Sum of \$ <u>Forty five thousand seventy five XXX</u> Per Lump Sum	\$ <u>45,075.00</u>	\$ <u>45,075.00</u>
3	1 L.S.	Blue Hills Pump Station HVAC-Provide and install ductwork modifications to HV-1 The Sum of \$ <u>Forty thousand six hundred fifty XXX</u> Per Lump Sum	\$ <u>40,650.00</u>	\$ <u>40,650.00</u>
4	Allowance	Owners System Integrator Allowance The Sum of \$ <u>five thousand dollars</u> Amount in Words	\$ <u>5,000</u>	\$ <u>5,000</u>

TOTAL BID: Total of Items 1 through 4 above.

Four hundred eighty four thousand five hundred sixty two XXX	(\$ <u>484,562.00</u>)
(use words)	(use figures)

8. Communications concerning this Bid shall be addressed to:
 Rawle Dummett, Purchasing Agent
 Finance Office, 15 Rope Ferry Road
 Waterford, Connecticut 06385
 Phone: (860) 444-5842
 Fax: (860) 440-0579
rdummett@waterfordct.org

AFFIRMATIVE ACTION/EQUAL EMPLOYMENT ACTIVITIES

Please indicate the name and address of the company official(s) responsible for carrying out the Equal Employment Opportunity/Affirmative Action Program for your company.

John E. Taylor, Jr.

Electrical Energy Systems Corporation.

215 Captain Lewis Dr., Southington, CT 06489

If your company does not have a written affirmative action plan, please estimate the number of vacancies during the next 12 months, and indicate the numerical or percentage goals you have set for the employment of minority people and females to make your labor force reflective of the labor market in which you operate.

The vendor/bidder understands that failure to complete the above form in a satisfactory manner will preclude such vendor from being actively considered for contract with the Town of Waterford. The vendor/bidder also understands that the Affirmative Action statements will become part of any contract, and that breach of such statements will constitute a breach of the contract subject to such remedies as provided by law.

I certify that there are no misrepresentations, omissions, or falsifications in the foregoing statements and answers, and that the entries above are true, complete, and correct to the best of my knowledge and belief.

March 11, 2021
Date


Signature Cynthia A. Vose

Title V.P. of Operations

Subscribed and sworn to before me at Southington, Connecticut, this 11th

Day of March 2021.

Lynette Cade
Notary Public
Commission Expires: 4/30/2022

AFFIRMATIVE ACTION STATEMENT

NOTE: IF YOUR COMPANY HAS LESS THAN 10 EMPLOYEES, OR HAS COMPLETED THIS SAME FORM WITHIN 1 YEAR, YOU MAY DISREGARD THE FOLLOWING EQUAL EMPLOYMENT/AFFIRMATIVE ACTION SECTION, EXCEPT AS NOTED.

- OR: (1) The number of employees 53
- (2) Completed this form within one year _____ Yes X No

FOR SEALED BIDS: If your company has completed this form within one year Please forward a photocopy of the initial form with your bid. If significant Changes have taken place within the past year, please update the information on this form.

REQUIREMENT – Any vendor/bidder seeking to do business with the Town of Waterford must, upon request, supply the Town and/or the Waterford Human Resources with any information concerning the Affirmative Action/Equal Employment practices of the vendor/bidder, which the Town and/or Commission deems necessary in fulfilling its charge. Failure to supply such information, when requested, will result in the termination of any further transactions between the vendor/bidder and the Town of Waterford.

COMPANY NAME AND ADDRESS

Electrical Energy Systems Corporation, 215 Captain Lewis Dr., Southington, CT 06489

TYPE OF BUSINESS

Electrical Contractor

TYPE OF ORGANIZATION

X Corporation _____ Partnership _____ Individual

If unit filing this application is not the above-named company, give the name, address, and telephone number of reporting unit. (Branch, agent, representative).

FIFTEEN ROPE FERRY ROAD

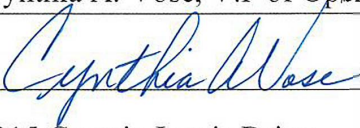


WATERFORD, CT 06385-2886

**TOWN OF WATERFORD
NON-COLLUSION STATEMENT**

“The undersigned affirms that they are duly authorized to execute this contract, that this company, corporation, firm, partnership or individual has not prepared this bid in collusion with any other bidder, and that the contents of this bid as to prices, terms or conditions of said bid have not been communicated by the undersigned nor by any employee or agent to any other person engaged in this type of business prior to the official opening of this bid.”

We understand that this proposal must be signed by an authorized agent of our company to constitute a valid proposal.

Date:	<u>March 11, 2021</u>
Name of Company:	<u>Electrical Energy Systems Corporation</u>
Name and Title of Agent:	<u>Cynthia A. Vose, V.P of Operations</u>
By (SIGNATURE):	<u></u>
Address:	<u>215 Captain Lewis Drive</u>
	<u>Southington, CT 06489</u>
Telephone Number:	<u>860-621-9657</u>

CONTRACTOR INFORMATION SHEETS

(These sheets must be completed and included with Bid)

COMPANY NAME: Electrical Energy Systems Corporation

ADDRESS: 215 Captain Lewis Dr., Southington, CT 06489

ESTABLISHED: March 1989
(Month) (Year)

TYPE OF ORGANIZATION: (Circle One)

A) Individual

B) Partnership

C) Corporation

D) Joint Venture

E) Other _____

(Specify)

(If Applicable)

FORMER FIRM NAME(S) YEARS IN BUSINESS

N/A

YEARS OF WORK IN A RELATED FIELD: 32 years
(Described Any Related Work)

EQUIPMENT AND EMPLOYEES:

Provide a list (attached to this sheet) of equipment and employees anticipated to be utilized for this work. See attached Sheet #3

USE OF SUBCONTRACTORS:

To provide all the services listed in the specifications, would any services be handled by subcontractors? yes Yes/No If "Yes", please explain:

brick & concrete work, HVAC

Subcontractor Name(s): Ronnie Demeo Construction Inc.
Central Mechanical Services Inc.

PROJECT MANAGER: TBD

KEY PERSONNEL

1. John E. Taylor, Jr.
Chairman
44 Years in Electrical & General Contracting
2. Scott Paradis
President/Project Manager/Estimator
28 Years in Electrical Contracting
3. Steve Kaczynski
Project Manager
42 Years in Electrical & General Contracting
4. David C. Ash
Estimator/Project Manager
31 Years in Electrical Contracting
5. James Nasuta
Estimator/Safety Officer
41 Years in Electrical Contracting

Ina Harris

From: Jim Nasuta
Sent: Thursday, March 11, 2021 10:39 AM
To: Ina Harris
Subject: FW: Bonding

Jim Nasuta | jnasuta@eesc-ct.com

Electrical Energy Systems Corporation | 215 Captain Lewis Drive | Southington, CT 06489
Office (860) 621-9657 x312 | Fax (860) 621-2456 | Mobile (860) 818-5976
CT License #ELC.0103805-E1 | MA License #A-11725 | www.eesc-ct.com | AA/EOE

From: Steve Susanin <ssusanin@alliant.com>
Sent: Thursday, March 11, 2021 10:37 AM
To: Jim Nasuta <jnasuta@eesc-ct.com>
Subject: Bonding

Jim,

Electrical Energy Systems is FULLY BONDABLE for HVAC improvements at Evergreen Avenue and Blue Hills Pump Station for \$484,562.

EES has a bonding program with Zurich Surety, an AM Best A Plus rated carrier for 25,000,000 Single Bond and 50,000,000 Aggregate Bond line.

Any questions, don't hesitate to call.

Steven E. Susanin
Senior Vice President
Alliant Insurance Services, Inc.
Construction Services Group
40 Stanford Drive, 2nd Floor
Farmington, CT 06032

860-269-2165 Office
860-690-6303 Cell
ssusanin@alliant.com

Neftali Soto

From: Dennis Dievert <dennis.dievert@wright-pierce.com>
Sent: Thursday, March 11, 2021 12:21 PM
To: Neftali Soto
Subject: RE: Bid #21-100 Evergreen Ave & Blue Hills PS HVAC Improvements - EESC

CAUTION: This email originated from outside of the organization.

Do not click links or open attachments unless you recognize the sender's email address and know the content is safe.

Thanks. I have done a lot of projects with EESC. They are very good.

Let me know what you need from me moving forward.

From: Neftali Soto <nsoto@waterfordct.org>
Sent: Thursday, March 11, 2021 12:12 PM
To: Dennis Dievert <dennis.dievert@wright-pierce.com>; Dennis Dievert <dennis.dievert@wright-pierce.com>
Subject: FW: Bid #21-100 Evergreen Ave & Blue Hills PS HVAC Improvements - EESC

Bids received.

From: Sealed Bids <sealedbids@waterfordct.org>
Sent: Thursday, March 11, 2021 11:42 AM
To: Neftali Soto <nsoto@waterfordct.org>; Jim Bartelli <jbartelli@waterfordct.org>
Subject: FW: Bid #21-100 Evergreen Ave & Blue Hills PS HVAC Improvements - EESC

Gentlemen.

Please see the attached.

Rawle Dummett

Purchasing Agent

Town of Waterford

Tele:860-444-5842



From: Ina Harris [<mailto:iharris@eesc-ct.com>]
Sent: Thursday, March 11, 2021 10:49 AM
To: Sealed Bids <sealedbids@waterfordct.org>

Cc: Jim Nasuta <jnasuta@eesc-ct.com>

Subject: Bid #21-100 Evergreen Ave & Blue Hills PS HVAC Improvements - EESC

CAUTION: This email originated from outside of the organization.

Do not click links or open attachments unless you recognize the sender's email address and know the content is safe.

See attached bid.

Ina Harris | iharris@eesc-ct.com

Electrical Energy Systems Corporation | 215 Captain Lewis Drive | Southington, CT 06489

Office (860) 621-9657 x305 | Fax (860) 621-2456

CT License #ELC.0103805-E1 | MA License #A-11725 | www.eesc-ct.com | AA/EOE

All State Constr. Bid - Evergreen& Harvey Ave. PS HVAC

FIFTEEN ROPE FERRY ROAD

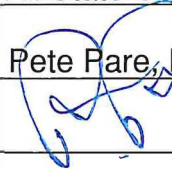


WATERFORD, CT 06385-2886

TOWN OF WATERFORD NON-COLLUSION STATEMENT

"The undersigned affirms that they are duly authorized to execute this contract, that this company, corporation, firm, partnership or individual has not prepared this bid in collusion with any other bidder, and that the contents of this bid as to prices, terms or conditions of said bid have not been communicated by the undersigned nor by any employee or agent to any other person engaged in this type of business prior to the official opening of this bid."

We understand that this proposal must be signed by an authorized agent of our company to constitute a valid proposal.

Date:	<u>3/11/2021</u>
Name of Company:	<u>All State Construction, Inc.</u>
Name and Title of Agent:	<u>Pete Pare, Executive Vice President</u>
By (SIGNATURE):	<u></u>
Address:	<u>449 Cooke Street</u>
	<u>Farmington, CT 06032</u>
Telephone Number:	<u>860-678-0678</u>

AFFIRMATIVE ACTION/EQUAL EMPLOYMENT ACTIVITIES

Please indicate the name and address of the company official(s) responsible for carrying out the Equal Employment Opportunity/Affirmative Action Program for your company.

Christine DeNoto, 860-678-067 x 3033

If your company does not have a written affirmative action plan, please estimate the number of vacancies during the next 12 months, and indicate the numerical or percentage goals you have set for the employment of minority people and females to make your labor force reflective of the labor market in which you operate.

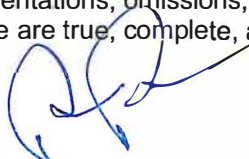
We have an AAP.

The vendor/bidder understands that failure to complete the above form in a satisfactory manner will preclude such vendor from being actively considered for contract with the Town of Waterford. The vendor/bidder also understands that the Affirmative Action statements will become part of any contract, and that breach of such statements will constitute a breach of the contract subject to such remedies as provided by law.

I certify that there are no misrepresentations, omissions, or falsifications in the foregoing statements and answers, and that the entries above are true, complete, and correct to the best of my knowledge and belief.

3/11/2021

Date



Signature

Pete Pare,

Executive Vice President

Title

Subscribed and sworn to before me at Farmington, Connecticut, this 11th

Day of March 20 20.

AFFIRMATIVE ACTION STATEMENT

NOTE: IF YOUR COMPANY HAS LESS THAN 10 EMPLOYEES, OR HAS COMPLETED THIS SAME FORM WITHIN 1 YEAR, YOU MAY DISREGARD THE FOLLOWING EQUAL EMPLOYMENT/AFFIRMATIVE ACTION SECTION, EXCEPT AS NOTED.

- OR: (1) The number of employees 130
- (2) Completed this form within one year _____ Yes X No

FOR SEALED BIDS: If your company has completed this form within one year Please forward a photocopy of the initial form with your bid. If significant Changes have taken place within the past year, please update the information on this form.

REQUIREMENT – Any vendor/bidder seeking to do business with the Town of Waterford must, upon request, supply the Town and/or the Waterford Human Resources with any information concerning the Affirmative Action/Equal Employment practices of the vendor/bidder, which the Town and/or Commission deems necessary in fulfilling its charge. Failure to supply such information, when requested, will result in the termination of any further transactions between the vendor/bidder and the Town of Waterford.

COMPANY NAME AND ADDRESS

All State Construction Inc., 449 Cooke Street, Farmington, CT 06032

TYPE OF BUSINESS

Civil, Mechanical and General Contracting business

TYPE OF ORGANIZATION

X Corporation _____ Partnership _____ Individual

If unit filing this application is not the above-named company, give the name, address, and telephone number of reporting unit. (Branch, agent, representative).

N/A

FIFTEEN ROPE FERRY ROAD



WATERFORD, CT 06385-2886

BID FORM
Evergreen Avenue and Blue Hill
Pump Stations HVAC Improvements
BID # 21-100

All State Construction Inc., 449 Cooke Street, Farmington, CT 06032

VENDOR NAME AND ADDRESS

Pete Pare, Executive Vice President

PRINTED NAME AND TITLE OF VENDOR'S AGENT

860-678-0678, 860-676-8910, ppare@allstateconstructioninc.com

PHONE AND FACSIMILE NUMBERS, E-MAIL ADDRESS

I Pete Pare, Executive Vice President of the
Name Position

above named firm hereby submit the following bid in accordance with Town of Waterford specifications.

SIGNATURE

3/11/2021

DATE

PROJECT IDENTIFICATION:	Evergreen Avenue and Blue Hills Pump Stations HVAC Improvements
THIS BID IS SUBMITTED TO:	Town of Waterford Connecticut
	15 Rope Ferry Road
	Waterford, Connecticut 06385

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a purchase order agreement with the Town of Waterford at the stipulated price indicated in this bid.
2. Bidder accepts all of the terms and conditions of the Advertisement or Invitation to Bid. This Bid will remain subject to acceptance for 90 days after the day of Bid opening.

3. BIDDER has familiarized itself with the nature and extent of the Bid Documents including any Addenda (acknowledge receipt of any and all Addenda by listing the date and Addenda Number where indicated below), Work, locality, and all local conditions and Laws and Regulations that in any manner may affect cost, progress, performance or furnishing of the Work.

Addenda
Date

Addenda
Number

4. BIDDER has given ENGINEER written notice of all conflicts, errors or discrepancies that it has discovered in the Bid Documents and the written resolution thereof by ENGINEER is acceptable to BIDDER.
5. BIDDER certifies that the Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER.
6. BIDDER understands that the OWNER reserves the right to reject any or all bids.
7. Bidder will complete the Work described in the Contract Documents for the following price(s):

BID SCHEDULE

Item No.	Quantity	Brief Description of Item with Unit Bid Price in Words	Unit Bid In Figures	Amount In Figures
1	1 L.S.	Evergreen Avenue Pump Station HVAC/Electrical Improvements all-inclusive The Sum of \$ FOUR HUNDRED THIRTY-FOUR THOUSAND NINE HUNDRED FORTY-ONE & .00/100		\$ 434,941.00
		Per Lump Sum		
2	1 L.S.	Blue Hills Pump Station HVAC/Electrical Improvements all-inclusive less Item #3 The Sum of \$ ONE HUNDRED TWENTY-SIX THOUSAND SEVENTENN &.00/100	\$	\$ 126,017.00
		Per Lump Sum		
3	1 L.S.	Blue Hills Pump Station HVAC-Provide and install ductwork modifications to HV-1 The Sum of \$	\$	\$ 4,792.00
		Per Lump Sum		
4	Allowance	Owners System Integrator Allowance The Sum of \$ <i>five thousand dollars</i>	\$ <u>5,000</u>	\$ <u>5,000</u>
		Amount in Words		

TOTAL BID: Total of Items 1 through 4 above.

FIVE HUNDRED SEVENTY THOUSAND SEVEN HUNDRED FIFTY & .00/100

(use words)

(\$ **570,750.00**)
(use figures)

8. Communications concerning this Bid shall be addressed to:
 Rawle Dummett, Purchasing Agent
 Finance Office, 15 Rope Ferry Road
 Waterford, Connecticut 06385
 Phone: (860) 444-5842
 Fax: (860) 440-0579
rdummett@waterfordct.org

CONTRACTOR INFORMATION SHEETS

(These sheets must be completed and included with Bid)

COMPANY NAME: All State Construction, Inc.

ADDRESS: 449 Cooke Street, Farmington, CT 06032

ESTABLISHED: 6/1/1973
(Month) (Year)

TYPE OF ORGANIZATION: (Circle One)

A) Individual

B) Partnership

☒ C) Corporation

D) Joint Venture

E) Other _____

(Specify)

(If Applicable)

FORMER FIRM NAME(S) YEARS IN BUSINESS

All State Boiler Works 27 Years

All State Boiler & Construction 8 Years

YEARS OF WORK IN A RELATED FIELD: 48

(Described Any Related Work)

Mechanical Contractor

EQUIPMENT AND EMPLOYEES:

Provide a list (attached to this sheet) of equipment and employees anticipated to be utilized for this work. Please see attached

USE OF SUBCONTRACTORS:

To provide all the services listed in the specifications, would any services be handled by subcontractors? Yes Yes/No If "Yes", please explain:

Electrical

Subcontractor Name(s): CPE Electrical

PROJECT MANAGER: Mike Sak

Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond

CONTRACTOR:

(Name, legal status and address)

All State Construction, Inc.
449 Cooke Street
Farmington, CT 06032

SURETY:

(Name, legal status and principal place of business)

Western Surety Company
151 N. Franklin Street
Chicago, IL 60606
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.

OWNER:

(Name, legal status and address)

Town of Waterford
Waterford Town Hall, 15 Rope Ferry Road
Waterford, CT 06385

BOND AMOUNT: 5% Five Percent of Amount Bid

PROJECT:

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

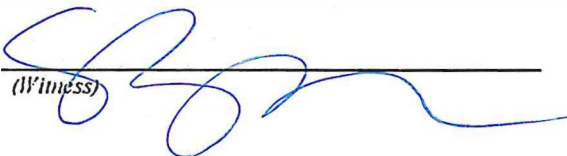
Evergreen Ave & Bluehills Pump Station HVAC, Project No. 21-100

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 furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 11th day of March, 2021.

(Witness) 

(Witness) 

All State Construction, Inc.

(Principal)

(Seal)

By:

(Title)

Pete Pare, Executive V.P.

Western Surety Company

(Surety)

(Seal)

By:

(Title) Maureen Pero

, Attorney-in-Fact



Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Maureen Pero , Individually

of Glastonbury, CT its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

Surety Bond No.: Bid Bond
Principal: All State Construction, Inc.
Obligee: Town of Waterford

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 27th day of February, 2018.



WESTERN SURETY COMPANY

Paul T. Bruflat, Vice President

State of South Dakota }
County of Minnehaha }

SS

On this 27th day of February, 2018, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

June 23, 2021



J. Mohr, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 11th day of March, 2021.



WESTERN SURETY COMPANY

L. Nelson, Assistant Secretary

Authorizing By-Law

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

ALL STATE CONSTRUCTION, INC.

Phone (860) 678-0678 * 449 Cooke Street, P.O. Box 805 * Farmington, Connecticut 06034 * Fax (860) 676-8910

2021 T&M Rate Schedule

Hourly Labor Rates

Code	Description	Equipment	Rate
PM	Project Manager		\$116.00
S	Superintendent → 20+ years experience, multiple licenses → Expertise to diagnose, troubleshoot, plan and execute complex projects, supervise multiple crews	→ Service truck* → Hand tools, lights, ladders → Porta-band, saws-all, drills, impact wrench → Chainfalls, straps, links	\$116.00
F	Foreman → 10+ years experience, multiple licenses → Expertise to diagnose, troubleshoot, plan and execute projects, supervise crews	→ Service truck* → Hand tools, lights, ladders → Porta-band, saws-all, drills, impact wrench → Chainfalls, straps, links → Hydrostatic test pump and gauges	\$96.00
W	Welder → ASME & National Board certified	→ Welding machine** → Torch kit	\$90.00
PF	Pipefitter	→ Pipe threader, groover, press tool & jaws	\$87.00
PF-A	Pipefitter Apprentice		\$72.00
PL	Plumber	→ Pipe threader, groover, press tool & jaws → B-tank, torch	\$87.00
PL-A	Plumber Apprentice		\$72.00
BM	Boiler Mechanic	→ Tube rollers, expanders, drivers, pullers → Pneumatic tube tester	\$84.00
BM-A	Boiler Mechanic Apprentice		\$72.00
SM	Sheetmetal Mechanic		\$87.00
SM-A	Sheetmetal Mechanic Apprentice		\$72.00
ST	HVAC Service Technician	→ Combustion gas analyzer → Refrigerant reclaimer, scale, tanks → Vacuum pump, micron gauge, manifold	\$90.00
O	Equipment Operator		\$88.00
IN	Insulator		\$86.00
L	General Labor		\$69.00
SF	Shop Fabricator	→ Fully equipped fabrication shop	\$112.00

All rates subject to a (4) hour minimum and are for non-prevailing wage sites
Overtime hours are subject to multipliers 1.5x Mon-Sat, 2x Sun & Holidays

All tradesmen will arrive with standard PPE and hand tools
All hourly rates are portal-to-portal from Farmington, CT

Code Fee

An additional documentation and inspection fee will be charged for pressure vessel repairs and boiler piping within the ASME code boundary.

Non-billable Charges

Materials, consumables, subcontractors, and rented equipment are billed at cost plus 15% overhead + 10% profit.

Vehicle and Mileage Fees

* Vehicles driven by Superintendents, Foremen, or other trades as needed are billed a daily fee per vehicle:
Service Truck - \$106, Rack Body Truck - \$189

Tools & Equipment

** Heavy or specialized tools and equipment that may be task or job site specific will be invoiced at the attached rates.

Project Rates

All State's team of estimators can provide lump sum pricing for projects with a fixed scope. If plans and specs are not available our estimators can walk the job site with you and provide a recommended scope and pricing.

GENERAL / MECHANICAL / CIVIL CONTRACTORS

Major Contractor #MCO.0901120 * Mechanical Contractor #MEC.0001084

Holders of the "U", "S", "H," & "R" Stamps · Member of the A.S.M.E.

www.allstateconstructioninc.com

A A / E O E

US Automation - Dock Rd. Upgrades

From: [Andy Sincali](#)
To: [Neftali Soto](#)
Cc: [Jim Bartelli](#); [Peter Clark](#); [Eric Williams](#); [Pat Dulin](#); [Andy Sincali](#); sincali@msn.com
Subject: Please find attached U.S. Automation's proposal for the VFD, HMI, and PLC Control System Upgrade at the Dock Road Pump Station
Date: Wednesday, March 3, 2021 12:08:11 PM
Attachments: [Town of Waterford CT Dock Road Pump station PLC VFD Upgrade Proposal.pdf](#)
Importance: High

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and know the content is safe.**

Neftali; Jim;

Please find attached U.S. Automation's proposal for the VFD, HMI, and PLC Control System Upgrade at the Dock Road Pump Station

Eric, Pat, and I reviewed the problems at this station and a complete control system upgrade is required as soon as possible. Many of

the alarms do not function properly and the across-the-line starters on the recently replaced pump will not work properly if the emergency generator is powering the station.

If you have any questions, please do not hesitate to send me a text message or call me anytime at (860) 235-7766;

Or send me a return e-mail at sincali@msn.com or andy.sincali@usautomationcorp.com I will be forwarding another

proposal in a few minutes for the PLC /HMI programming software that you should have to support your repair/diagnostic

support of all the pump stations and radio SCADA system.

Thanks;

Andy Sincali

U.S. Automation, Inc.

From: Neftali Soto <nsoto@waterfordct.org>

Sent: Thursday, June 4, 2020 12:58 PM

To: Andy Sincali <andy.sincali@usautomationcorp.com>

Cc: Jim Bartelli <jbartelli@waterfordct.org>; Peter Clark <PClark@waterfordct.org>; Amy Windle <AWindle@waterfordct.org>; Eric Williams <ewilliams@waterfordct.org>

Subject: Invoices

Andy,

Please submit any outstanding invoices for goods and services provided so far. We need them here by Wed. June 10th so the commission can approve them & we can forward to finance dept accts.

payable. Send them to Amy Windle.

Tali

Jim, Eric, & Pete – Anybody else?

Neftali Soto, PE

Chief Engineer/Director – Utility Commission

Mail - 15 Rope Ferry Road

Waterford, CT 06385

Address – 1000 Hartford Tpke.

Waterford, CT 06385

nsoto@waterfordct.org

860-444-5886

Fax- 860-442-9037



“One Source for all your Automation Needs”

February 15, 2021

To: Mr. Neftali Soto & Mr. Jim Bartelli
Waterford Utility Commission; Chief Engineer
15 Rope Ferry Road
Waterford, CT. 06385

Attn: Mr. Neftali Soto & Mr. Jim Bartelli
Waterford Utility Commission
Phone: (860) 444-5886
E-Mail: nsoto@waterfordct.org
jbartelli@waterfordct.org

From: Andy Sincali & Ankur Patel
U.S. Automation, Inc.
Phone: (860) 235-7766
E-Mail: andy.sincali@usautomationcorp.com

Subject: U.S. Automation's Proposal for a Comprehensive Control System Upgrade at the Dock Road Pump Station; including the Upgrade/Installation of new Allen Bradley Powerflex VFD's with Panel-Mount HMI's, a MicroLogix 1400 PLC upgrade, and (2) Maple Systems 7" Smart LCD Touchscreen High-Resolution Operator Displays for the Town of Waterford WUC

Item 1 - \$9,997.40

Item 2 - \$4,995.95

Hardware total - \$14,993.35

plus 10 man-days(est.) labor - \$6,000.

TOTAL - \$20,993.35

Requesting from WUC to waive bid process since US Automation is our on-call system controls and SCADA integrator already vetted and accepted after RFQ process. Funded through the Sewer Development & Maintenance Fund.

Please be advised that this detailed SCADA Upgrade proposal, as prepared by the dedicated control system engineers of U.S. Automation, is the result of a detailed review of the current issues/problems with the installed control system and electrical support systems at the "Dock Road" sewage lift/pump station. Due voltage/current requirements of the recent pump replacement; the output limitations of the existing emergency generator; and high sewage flow conditions at this lift pump station; it is important to expedite the upgrade of the following critical control/electrical components. To simplify your review, I have identified each of the recommended control system upgrades in the order of their priority (importance) to the Waterford Utility Commission operations.

Item No.1: VFD Upgrade: Total Cost: \$9,997.40

Qty: 2 -- Allen Bradley VFD Model No. AB22CB090A103

PowerFlex 400- 22 kW (30HP) AC Drive Subtotal Cost: \$8,335.90

Qty: 2 -- Allen Bradley Line Reactor Model No. AB13213R80A

1321 Power Component 80 A Line Reactor Subtotal Cost: \$1,091.50

P. O. Box 555; Quaker Hill, CT. 06375 Tel: (860) 235-7766 Fax: (860) 271-8007

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Qty: 2 -- Allen Bradley LCD Door Control Panel

AB HMI-22 VFD Operator Interface Kit

Subtotal Cost: \$570.00

Total Cost of VFD Upgrade: \$9,997.40

Allen Bradley MicroLogix 1400 PLC Upgrade Kit

Upgrade/Component Replacement Includes: \$1,896.0

- (1) 16pt 24VDC Digital I/O Expansion Module -- Model #1762-IQ16
- (1) 16pt Relay Output I/O Expansion Module -- Model #1762-OW16
- (1) 4pt 4-20mA Analog Input Module -- Model #1762-IF4

PLC Subtotal Cost: \$1,986.00

Maple Systems Smart HMI -- Model #cMT3072XH

7" Color 1024x600 LCD Touchscreen HMI Terminal

Subtotal Cost: \$1,225.00

Redundant Float/Relay Backup NEMA 12 Control Panel

Fully Assembled; UL508 Certified -- Does not Include
Additional Wet Well Floats or Transducer; if required.

Subtotal Cost: \$1,784.95

Total Cost of Control System Upgrade: \$4,995.95

As per our past practice; U.S. Automation's actual control system design & programming services shall be invoiced on our standard T&M Engineering Support & Maintenance Contract. For your budgeting purposes this work includes the following:

VFD Programming & On-Site Start-up/Commissioning;	Estimated 1-2 Man-Days
PLC Upgrade of the MicroLogix 1400 PLC & 2 HMI's:	Estimated 4-5 Man-Days
Fabrication/On-Site Testing of the Relay Backup Controls:	Estimated 2-3 Man-Days
Wonderware SCADA System Modifications & Alarm Testing:	Estimated 2-3 Man-Days
Emergency Generator Operational Pump/VFD Testing:	Estimated 1-2 Man-Days

**Total Estimated System Engineering Labor to be Billed to
the Town of Waterford WUC T&M Maintenance/Service
Contract @ \$75.00/hr**

**Total Estimated Labor
10 - 15 Man-Days****

**** Although the Town of Waterford WUC typically covers all of the Sewage Pump Station SCADA System Engineering & Programming Upgrade Cost under U.S. Automation's existing SCADA Support Contract, I am not sure if you would prefer to charge this work under your annual operating/maintenance cost budget or to bill it as a separate capital expense; Please Advise**

Not Included: Assistance of the Waterford WUC Electrician (presumably Eric Williams or others) is not included in the above costs, but he will be required during all planned Pump Station Upgrade; primarily to run additional conduits/signal & power wiring between the two existing control panels and to assist in the field termination of the new MicroLogix PLC I/O modules. It is estimated that this electrical installation support service will require approximately 5-8 man-days of effort, depending on the actual conditions at each sewage lift pump station.

If you have any questions, regarding this proposal, please call me or send me a text message at (860) 235-7766 or send me a return e-mail at andy.sincali@usautomationcorp.com or sincali@msn.com I will be forwarding another e-mail message in a few minutes to identify two optional proposals which include the procurement costs for several Allen Bradley PLC programming/RSLinx communications software packages. As always, thanks for your help and continued support; FYI, it has been a pleasure to work with Peter, Eric, Pat, and others on your staff during the past several pump station upgrades.
Sincerely;

Andy Sincali
Manager of Engineering
U.S. Automation, Inc.
Phone: (860) 235-7766
Fax: (860) 271-8007
E-Mail: andy.sincali@usautomationcorp.com or
sincali@msn.com

Please visit our website at www.usautomationcorp.com

JAY'S SEWER ROOTER
Sewer and Drain Service
P.O. Box 45 Niantic, CT 06357
New London, CT (860) 447-2383
Norwich, CT (860) 848-8526
Old Saybrook, CT (860) 388-6279

JOB WORK ORDER

21584

DATE OF ORDER 11-12-20	
CUSTOMER'S ORDER NO. 860-447-9057	PHONE JAY
BILL TO MR. OLMSTEAD	MECHANIC
ADDRESS 92 GREAT NECK RD	HELPER
CITY WATERFORD	STARTING DATE 1/1
ORDER TAKEN BY	
☐ DAY WORK ☐ CONTRACT ☐ EXTRA	
JOB NAME AND LOCATION	
JOB PHONE	

DESCRIPTION OF WORK

CLEANED MAIN SEWER
LINE FROM HOUSE TO STREET
BY SNAKE AND HYDRO-JET.

ALSO VIDEO INSPECTED
SEWER LINE TO STREET
SHOWS END OF PIPE
UNDER WATER AT STREET.

JOHN JAY

TOTAL MATERIALS	
TOTAL LABOR	325.00
TAX	
TOTAL AMOUNT	325.00

DATE COMPLETED
11/10/20

WORK ORDERED BY

Signature

☐ No one home

☐ Total amount due
for above work: or

☐ Total billing to
be mailed after
completion
of work

I hereby acknowledge the satisfactory completion
of the above described work.

92 Great Neck Rd. Reimbursement

12, January 2021

JAN 29 2021

24 High Ridge Dr. Adj.
Request

Dear Mr. Greene -

As a means of introduction, my name is Suzanne Thorman. I live at 24 High Ridge Drive in Waterford. I've only lived here for one year.

I just received the enclosed bill for \$755.50 for Sewer usage. This is an enormous amount of money for this service. Back in fourth quarter, 2020, the Water department found a drippy faucet outside in my backyard. It was fixed & secured. The water department also sent a tech to my house to check the toilets and faucets. All was good. They told me that this drip outside didn't go into the sewer.

Can you provide me with some help concerning this bill. I cannot afford this kind of bill. Any help would be greatly appreciated. Thank you -

Sincerely,

Suz Thorman

Make checks payable to: **W.U.C.**

Mail payment to:
Waterford Utility Commission
P.O. Box 310
Waterford, CT 06385

SEWER USE BILL**PMT DUE DATE.**

01/01/2021

CUSTOMER COPY**DELINQUENT AFTER****ACCOUNT NUMBER**

APR 1, 2021

06-0002309

BILLING DATE**TOTAL AMOUNT DUE**

01/01/2021

755.50

SERVICE ADDRESS

24 HIGH RIDGE DR

ER USE BILL -OCT 1 2020 -DEC 31 2020-
IQUENT AFTER APR.1ST IF QUALIFYING UNDER
EXECUTIVE ORDER 9R

THORMAN, SUZANNE
24 HIGH RIDGE DR
WATERFORD, CT 06385

THE NEW LONDON READ DATES REPRESENT WHEN
NEW LONDON READS YOUR WATER

OF WELL	METER SIZE	NL METER READ DATES		METER READINGS		METER ADJ.	USAGE CF	USAGE FEE	CURRENT AMT DUE
		FROM	TO	PRIOR	CURRENT				
JO		08/10/2020	11/09/2020	0	20300				755.50
DELINQUENT INTEREST		LIEN		GRINDER PUMP DISC.		METER FEE		BALANCE FORWARD	
0.00		0.00		0.00		0.00		0.00	

USAGE FEE= \$3.50 PER 100 CF (100 CF= 748 GALLONS)
CONSERVE WATER- YOUR BILLS WILL REFLECT IT!!

QUARTERLY BILLS ARE SENT: JANUARY, APRIL, JULY, AND OCTOBER

OFFICE LOCATION: 1000 HARTFORD TURNPIKE, MUNICIPAL COMPLEX, WATERFORD
PHONE: (860) 444-5886- FAX: (860) 442-9037- WEBSITE: WATERFORDCT.ORG

PAYMENTS, IN SEALED ENVELOPES (CHECKS ONLY), MAY ALSO BE TAKEN TO THE TAX COLLECTORS OFFICE IN THE TOWN HALL

BE RECEIVED OR POSTMARKED BY 01/01/2021 TO AVOID INTEREST. PAYMENTS RECEIVED AFTER 01/01/2021 WILL BE
EST AT 1 1/2% PER MONTH OR A MINIMUM OF \$2.00. ONCE THE BILL IS OVERDUE INTEREST REVERTS BACK TO THE ORIGINAL
A LIEN IN THE AMOUNT OF \$24.00 WILL BE PLACED ON YOUR PROPERTY ANNUALLY IF ANY PART OF THE BILL REMAINS UNPAID.
IF WE MUST COLLECT INTEREST..... PLEASE CALL OUR OFFICE FOR THE CORRECT AMOUNT IF YOU ARE PAYING A BILL AFTER
PAYMENTS MADE AFTER 01/05/2021 MAY NOT BE REFLECTED ON THIS NOTICE. FACILITY CHARGE IS PER METER OR DWELLING.

OLDER OF THE WATERFORD UTILITY COMMISSION WITH AN OUTSTANDING BALANCE MORE THAN 30 DAYS PAST DUE DATE.

ity Commission
Road
06385-2886

ICE REQUESTED

NEOPOST

FIRST-CLASS MAIL
PSN

01/06/2021

US POSTAGE \$000.46

ZIP 06385
041M11276697

Customer Transaction Summary

Customer Information

Account No: 06-0002309
 SUZANNE THORMAN
 24 HIGH RIDGE DR
 WATERFORD, CT 06385

Location Information

Location No: 0303600
 24 HIGH RIDGE DR
 WATERFORD, CT 06385

Date	Type	More Info	Reading	Usage	Prior Balance	Transaction Amount	Balance
07/15/2015	Payment	CHECK			52.00	-52.00	0.00
10/01/2015	Charge	08/12/2015	4900	4900	0.00	216.50	216.50
10/13/2015	Payment	CHECK			216.50	-216.50	0.00
01/04/2016	Charge	11/23/2015	1100	1100	0.00	83.50	83.50
01/25/2016	Payment	CHECK			83.50	-83.50	0.00
04/01/2016	Charge	03/09/2016	0	0	0.00	45.00	45.00
04/28/2016	Payment	CHECK			45.00	-45.00	0.00
07/01/2016	Charge	05/09/2016	1400	1400	0.00	94.00	94.00
07/25/2016	Payment	CHECK			94.00	-94.00	0.00
10/01/2016	Charge	08/24/2016	12200	12200	0.00	472.00	472.00
10/25/2016	Payment	CHECK			472.00	-472.00	0.00
01/01/2017	Charge	11/10/2016	700	700	0.00	69.50	69.50
02/01/2017	Interest				69.50	2.00	71.50
02/06/2017	Payment	CHECK			71.50	-71.50	0.00
04/01/2017	Charge	02/06/2017	0	0	0.00	45.00	45.00
04/18/2017	Payment	CHECK			45.00	-45.00	0.00
07/01/2017	Charge	05/11/2017	100	100	0.00	48.50	48.50
07/20/2017	Payment	CHECK			48.50	-48.50	0.00
10/01/2017	Charge	08/14/2017	1300	1300	0.00	90.50	90.50
10/16/2017	Payment	CHECK			90.50	-90.50	0.00
01/01/2018	Charge	11/13/2017	700	700	0.00	69.50	69.50
01/24/2018	Payment	CHECK			69.50	-69.50	0.00
04/02/2018	Charge	02/12/2018	0	0	0.00	45.00	45.00
04/18/2018	Payment	CHECK			45.00	-45.00	0.00
07/01/2018	Charge	05/10/2018	0	0	0.00	45.00	45.00
07/17/2018	Payment	CHECK			45.00	-45.00	0.00
10/01/2018	Charge	08/16/2018	1000	1000	0.00	80.00	80.00
10/22/2018	Payment	CHECK			80.00	-80.00	0.00
01/01/2019	Charge	11/19/2018	900	900	0.00	76.50	76.50
01/29/2019	Payment	CHECK			76.50	-76.50	0.00
04/01/2019	Charge	02/09/2019	0	0	0.00	45.00	45.00
04/29/2019	Payment	CHECK			45.00	-45.00	0.00
07/01/2019	Charge	05/09/2019	0	0	0.00	45.00	45.00
07/16/2019	Payment	CHECK			45.00	-45.00	0.00
09/19/2019	Payment	CHECK			0.00	-112.50	-112.50
10/01/2019	Charge	08/29/2019	2100	2100	-112.50	118.50	6.00
11/01/2019	Interest				6.00	2.00	8.00
11/12/2019	Payment	CHECK			8.00	-6.00	2.00
12/01/2019	Interest				2.00	2.00	4.00
01/01/2020	Interest				4.00	2.00	6.00
01/02/2020	Charge	11/04/2019	1500	1500	6.00	97.50	103.50
01/15/2020	Payment	CHECK			103.50	-103.50	0.00
04/17/2020	Payment	CHECK			0.00	-122.00	-122.00
05/01/2020	Charge	02/10/2020	2200	2200	-122.00	122.00	0.00
07/01/2020	Charge	05/11/2020	2000	2000	0.00	115.00	115.00
07/15/2020	Payment	CHECK			115.00	-115.00	0.00
10/01/2020	Charge	08/10/2020	5000	5000	0.00	220.00	220.00
10/16/2020	Payment	CHECK			220.00	-220.00	0.00

Customer Transaction Summary**Customer Information**

Account No: 06-0002309
SUZANNE THORMAN
24 HIGH RIDGE DR
WATERFORD, CT 06385

Location Information

Location No: 0303600
24 HIGH RIDGE DR
WATERFORD, CT 06385

Date	Type	More Info	Reading	Usage	Prior Balance	Transaction Amount	Balance
01/01/2021	Charge	11/09/2020	20300	20300	0.00	755.50	755.50
02/03/2021	Payment	CHECK			755.50	-150.00	605.50

On-call Contractors Ext.

Neftali Soto

From: Peter Turello <samturrello@snet.net>
Sent: Friday, March 12, 2021 5:05 PM
To: Neftali Soto
Subject: Re: On-Call Contractor Services

CAUTION: This email originated from outside of the organization.

Do not click links or open attachments unless you recognize the sender's email address and know the content is safe.

Yes thank you

Sent from my iPhone

On Mar 12, 2021, at 1:39 PM, Neftali Soto <nsoto@waterfordct.org> wrote:

Sam,

This coming Tuesday, I will be presenting and recommending to the Commission for a two-years extension of on-call contractor services. Will you accept for us recommending Turrello Construction at the same rates submitted under Bid 18-116?

Thank you.

Please let me know ASAP.

Tali

Neftali Soto, PE
Chief Engineer/Director – Utility Commission
Town of Waterford
Mail - 15 Rope Ferry Road
Waterford, CT 06385
Address – 1000 Hartford Tpke.
Waterford, CT 06385
nsoto@waterfordct.org
860-444-5886
Fax- 860-442-9037

Neftali Soto

From: nandodazzi <nandodazzi@att.net>
Sent: Friday, March 12, 2021 2:03 PM
To: Neftali Soto
Subject: RE: Extension of on call services

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Yes I will keep my prices the same

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: Neftali Soto <nsoto@waterfordct.org>
Date: 3/12/21 12:36 PM (GMT-06:00)
To: nandodazzi@att.net
Subject: Extension of on call services

Nando,

I will be presenting and recommending to the Commission for the extension of on-call contractor services. Will you accept for us recommending Deedy Construction at the same rates submitted under Bid 18-116?

Thank you.

Please let me know ASAP.

Tali

Neftali Soto, PE

Chief Engineer/Director – Utility Commission

Town of Waterford

Mail - 15 Rope Ferry Road

Waterford, CT 06385

Address – 1000 Hartford Tpke.

Waterford, CT 06385

nsoto@waterfordct.org

860-444-5886

Fax- 860-442-9037

Neftali Soto

From: Frank Blanchard <frank@primeelectricllc.com>
Sent: Friday, March 12, 2021 3:49 PM
To: Neftali Soto
Subject: RE: On-Call Contractor Services Extension

CAUTION: This email originated from outside of the organization.

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Neftali,

We would love to extend our contract with you, I am not sure but did we have an option to increase the rates in the contract with an extension typically we ask for 3%.

Either way I am open to working with you folks.

Thanks

Frank Blanchard

Prime Electric LLC

33 Wisconsin Ave – U101

Norwich, CT. 06360

Frank@Primeelectricllc.com

860-889-0823 o

860-886-2344 f

860-213-1427 c

www.primeelectricllc.com

CT E1- 123648 – AA/EOE/SBE



From: Neftali Soto <nsoto@waterfordct.org>
Sent: Friday, March 12, 2021 1:46 PM
To: Frank Blanchard <frank@primeelectricllc.com>
Subject: On-Call Contractor Services Extension

Hi, Frank.

This coming Tuesday, I will be presenting and recommending to the Commission for a two-years extension of on-call contractor services. Will you accept for us recommending Prime Electric at the same rates submitted under Bid 18-116?

Thank you.

Please let me know ASAP.

Tali

Neftali Soto, PE
Chief Engineer/Director – Utility Commission
Town of Waterford
Mail - 15 Rope Ferry Road
Waterford, CT 06385
Address – 1000 Hartford Tpke.
Waterford, CT 06385
nsoto@waterfordct.org
860-444-5886
Fax- 860-442-9037

BID RESULTS ON-CALL CONTRACTOR SERVICES BID#18-116										
Prime Electric LLC.						B & W Paving & Landscaping, LLC				
Equipment /Tools Description	Units	Hourly Rate	Daily or Flat Rate	Emergencies Hourly Rate	Outside Working Hours Hourly Rates	Units	Hourly Rate	Daily or Flat Rate	Emergencies Hourly Rate	Outside Working Hours Hourly Rates
Mobilization										
Mini Excavator - CAT 304 or Similar		\$45.00	\$360.00	\$45.00	\$45.00	11	\$125.00	\$1,250.00	\$125.00	\$125.00
Mini Excavator -Kubota KX-41 or Similar		\$45.00	\$360.00	\$45.00	\$45.00	11	\$125.00	\$1,250.00	\$125.00	\$125.00
Backhoe/Loader-JD 310SE or similar		\$50.00	\$400.00	\$50.00	\$50.00	3	\$150.00	\$1,500.00	\$150.00	\$150.00
Excavator CAT 315 or Similar		\$125.00	\$1,000.00	\$125.00	\$125.00	6	\$185.00	\$1,850.00	\$185.00	\$185.00
Skid Steer Bobcat		\$30.00	\$240.00	\$30.00	\$30.00	20	\$100.00	\$1,000.00	\$100.00	\$100.00
Flat Bed Truck 2/3 cubic yard(ton.cap)		\$120.00	\$160.00	\$20.00	\$20.00	10	\$115.00	\$1,150.00	\$115.00	\$115.00
Dump Truck 5-7 cubic yard (ton.cap)		\$25.00	\$200.00	\$25.00	\$25.00	14	\$110.00	\$1,100.00	\$110.00	\$110.00
Vibratory Drum Roller		\$35.00	\$280.00	\$35.00	\$35.00	13	\$145.00	\$1,450.00	\$145.00	\$145.00
Jumping Jack Compactor (Impact Jack)		\$15.00	\$120.00	\$15.00	\$15.00	10	\$50.00	\$500.00	\$50.00	\$50.00
Vibratory Plate Compactor		\$15.00	\$120.00	\$15.00	\$15.00	10	\$40.00	\$400.00	\$40.00	\$40.00
Hoe Pack attachment		\$20.00	\$160.00	\$20.00	\$20.00	5	\$75.00	\$750.00	\$75.00	\$75.00
Air Compressor with jackhammer		\$20.00	\$160.00	\$20.00	\$20.00	4	\$170.00	\$1,750.00	\$170.00	\$170.00
Water,Trash pump and hoses		\$20.00	\$160.00	\$20.00	\$20.00	5	\$25.00	\$250.00	\$25.00	\$25.00
Service Truck with Miscellaneous hand tools		\$35.00	\$280.00	\$35.00	\$35.00	2	\$250.00	\$2,500.00	\$250.00	\$250.00
Steel Traffic Plates		\$3.75	\$30.00	\$3.75	\$3.75	50	\$40.00	\$400.00	\$40.00	\$40.00
Additional Equipment										
List Submitted										
VAC Truck		\$75.00	\$600.00	\$75.00	\$75.00					
Tri-axle		\$85.00	\$600.00	\$85.00	\$85.00					
Manhole Cutter		\$120.00	\$960.00	\$120.00	\$120.00					
Labor										
Supervisor		\$65.00	\$520.00	\$117.00	\$97.50	10	\$95.00	\$950.00	\$95.00	\$95.00
Equipment Operator		\$55.00	\$440.00	\$99.00	\$82.50	20	\$80.00	\$800.00	\$80.00	\$80.00
Pipe Layer		\$50.00	\$400.00	\$90.00	\$75.00	7	\$70.00	\$700.00	\$70.00	\$70.00
Truck Driver		\$50.00	\$400.00	\$90.00	\$75.00	6	\$60.00	\$600.00	\$60.00	\$60.00
General Labor		\$50.00	\$400.00	\$90.00	\$75.00	10	\$55.00	\$550.00	\$55.00	\$55.00
Certified Flagger		\$28.00	\$224.00	\$50.00	\$42.00	4	\$55.00	\$550.00	\$55.00	\$55.00
Mark Up		15%					15%			
BID RESULTS ON-CALL CONTRACTOR SERVICES BID#18-116										
Deedy Construction Co. INC						Peter S. Turello, LLC.				
Equipment /Tools Description	Units	Hourly Rate	Daily or Flat Rate	Emergencies Hourly Rate	Outside Working Hours Hourly Rates	Units	Hourly Rate	Daily or Flat Rate	Emergencies Hourly Rate	Outside Working Hours Hourly Rates
Mobilization										
Mini Excavator - CAT 304 or Similar	1	\$150.00	\$1,200.00	\$1,200.00	\$1,200.00	3	\$125.00	\$1,000.00	\$125.00	\$125.00
Mini Excavator - CAT 304 or Similar	1	\$50.00	\$400.00	\$50.00	\$50.00	1	\$68.00	\$460.00	\$68.00	\$68.00
Mini Excavator -Kubota KX-41 or Similar	1	\$60.00	\$480.00	\$60.00	\$60.00	1	\$60.00	\$400.00	\$60.00	\$60.00
Backhoe/Loader-JD 310SE or similar	2	\$60.00	\$480.00	\$60.00	\$60.00	2	\$55.00	\$380.00	\$55.00	\$55.00
Excavator CAT 315 or Similar	1	\$80.00	\$640.00	\$80.00	\$80.00	1	\$135.00	\$990.00	\$135.00	\$135.00
Skid Steer Bobcat	1	\$50.00	\$400.00	\$50.00	\$50.00	1	\$40.00	\$220.00	\$40.00	\$40.00
Flat Bed Truck 2/3 cubic yard(ton.cap)	1	\$30.00	\$240.00	\$30.00	\$30.00	3	\$50.00	\$330.00	\$50.00	\$50.00
Dump Truck 5-7 cubic yard (ton.cap)	1	\$50.00	\$400.00	\$50.00	\$50.00	2	\$65.00	\$480.00	\$65.00	\$65.00
Vibratory Drum Roller	1	\$40.00	\$320.00	\$40.00	\$40.00	3	\$65.00	\$390.00	\$65.00	\$65.00
Jumping Jack Compactor (Impact Jack)	1	\$30.00	\$240.00	\$30.00	\$30.00	3	\$15.00	\$75.00	\$15.00	\$15.00
Vibratory Plate Compactor	2	\$30.00	\$240.00	\$30.00	\$30.00	5	\$22.00	\$140.00	\$22.00	\$22.00
Hoe Pack attachment	1	\$40.00	\$320.00	\$40.00	\$40.00	1	\$30.00	\$170.00	\$30.00	\$30.00
Air Compressor with jackhammer	1	\$40.00	\$320.00	\$40.00	\$40.00	1	\$65.00	\$275.00	\$65.00	\$65.00
Water,Trash pump and hoses	2	\$20.00	\$160.00	\$20.00	\$20.00	3	\$40.00	\$225.00	\$40.00	\$40.00

Neftali Soto

From: Neftali Soto
Sent: Wednesday, March 10, 2021 10:24 AM
To: 'Ken Kirkman'; Kenneth Kirkman (airborn300@atlanticbb.net); 'Peter Green'; Ray Valentini - Groton Utilities-UC (valentinir@grotonutilities.com); Rodney Pinkham (rpinkham@gdeb.com); Stephen Negri (sjnegri@snet.net)
Cc: Amy Windle; Fred Lathrop
Subject: FW: Rough Draft of Survey Insert

Tracking:	Recipient	Delivery	Read
	'Ken Kirkman'		
	Kenneth Kirkman (airborn300@atlanticbb.net)		
	'Peter Green'		
	Ray Valentini - Groton Utilities-UC (valentinir@grotonutilities.com)		
	Rodney Pinkham (rpinkham@gdeb.com)		
	Stephen Negri (sjnegri@snet.net)		
	Amy Windle	Delivered: 3/10/2021 10:24 AM	Read: 3/10/2021 11:05 AM
	Fred Lathrop	Delivered: 3/10/2021 10:24 AM	Read: 3/10/2021 10:49 AM

***Affordable Housing Flier
insert - April sewer bill***

All,
FYI.

Planning Director Abby Piersall is requesting for the UC to approve the insertion of a 1/3 page flier, as shown below, into our April bills. I have no issue with doing this. She is coordinating with town printer Monton. We did the same for the library when they requested to insert a census flier with our bills.

Thanks
Tali

From: Abby Piersall <apiersall@waterfordct.org>
Sent: Monday, March 8, 2021 3:00 PM
To: Neftali Soto <nsoto@waterfordct.org>
Subject: Rough Draft of Survey Insert

Hi Tali,

It would be something along these lines:



Waterford Housing Choice Survey

Waterford seeks input on housing options in our community.

Tell us what you think.

<https://www.surveymonkey.com/r/WaterfordHousingSurvey>



Thanks,

Abby Y. Piersall, AICP

Planning Director
Town of Waterford
15 Rope Ferry Road
Waterford, CT 06385
(860) 444-5813



5.1(a) 2-25-21

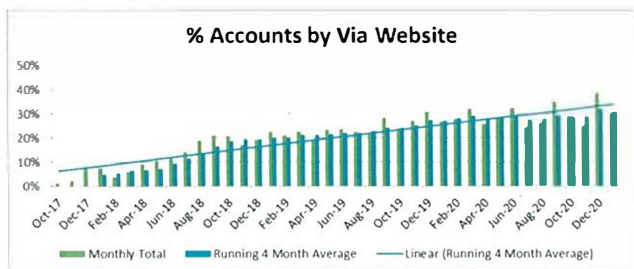
Monthly Operating Report New London, Ct. January 2021

The report covers the period from January 1, 2021 to January 31, 2021

1. New Business

- a. Operations – All Water and wastewater operations were within permit compliance throughout this monitoring period.
- b. Storm water work continues with 14 Catch Basins cleaned during this month leaving 698 cleaned since January 1, 2020. In total, the New London Storm Water system contains around 1,700 catch basins. For 2020, approximately 41% of the City's catch basins were cleaned.
- c. At the years close, all cross connection and backflow requirements have been met.
- d. The road crew had a very busy month due to the colder temperatures. They were called out 33 times for Main and service breaks
- e. The Capital Crew spent the first half of the month hammering out rock, and clearing additional roadway leading up to Barnes Reservoir. Halfway through they switched over and started clearing easements and replaced a catch basin structure in front of The Old Mill. In the spring, when the ground frost clears, we will resume laying gravel and rolling the finished grade on the Barnes Road.
- f. As COVID cases surge throughout New London, only 3 employees have tested positive to date. All have returned to work with no ill effects. Veolia continues to require each employee to be in separate vehicles to reduce the possibility of COVID spread; therefore we have extended to rental of the four additional pickup trucks for another month.

Monthly summary for accounts in legal increased this month by almost \$14,000 raising the amount to \$958,702.82. The amount of customers paying on-line decreased to 31% this month.



2. Water

- i. Lake Konomoc is at 65% of capacity at months end. The entire reservoir system is at 75% at months end.
- ii. Finished water flows for the month averaged 5.11 MGD
- iii. All analysis and sampling are in full compliance with Drinking Water Standards
- iv. As of the end of the month the reservoir system has 327 days of supply available

3. Wastewater

- v. Monthly Flow Averaged 7.39 MGD
- vi. TSS Average – 5.0 mg/L – 96 % removal
- vii. BOD Average – 3.0 mg/L - 98 % removal

viii. Total Nitrogen 397.6 lbs/day - 78 % removal

4. New London Utilities Road Crew Work January 2021

New London

Hydrant Maintenance	0
Hydrant Flushing	0
Pipe Repair	19
Valve Maintenance	0

Waterford

Hydrant Maintenance	0
Hydrant Flushing	0
Pipe Repair	14
Valve Maintenance	0

Leaks and Main Breaks

DATE	Location	Town	TYPE
1/1/2021	23 Sunset Street	NL	Service
1/1/2021	4 Almond Drive	WF	Service
1/2/2021	314 Vauxhall Street	NL	Service
1/3/2021	33 Mansfield Road	NL	Service
1/4/2021	Burlake Street	WF	Service
1/5/2021	14 Walker Street	NL	Service
1/5/2021	42 Grove Street	NL	Service
1/5/2021	Millstone Road	WF	Service
1/6/2021	15 Goshen Road	WF	Service
1/8/2021	24 High Street	WF	Service
1/8/2021	5 Goundry Drive	WF	Service
1/12/2021	151 Vauxhall Street	NL	Service
1/13/2021	37 Mahan Street	NL	Service
1/13/2021	98 Neptune Avenue	NL	Service
1/14/2021	112 Chester Street	NL	Main
1/15/2021	Macon Place	NL	Main
1/15/2021	13 Ina Boulevard	WF	Service
1/15/2021	5 1/2 Maxom Place	NL	Service
1/17/2021	6 Twin Lakes Drive	WF	Service
1/17/2021	6 Jodry Road	WF	Service
1/19/2021	224 Montauk Avenue	NL	Service
1/21/2021	280 Mohegan Avenue Parkway	NL	Service
1/21/2021	34 Paula Lane	WF	Service
1/22/2021	3 Prindeville Road	WF	Service

1/25/2021	1 Winchester Road	NL	Service
1/25/2021	290 State Street	NL	Service
1/26/2021	717 Vauxhall Street	WF	Service
1/26/2021	717 Vauxhall Street	WF	Service
1/28/2021	98 Colman Street	NL	Service
1/28/2021	35 Sunset Street	NL	Service
1/29/2021	Shore Road and Anita	WF	Main
1/30/2021	East Bishop and Back Street	WF	Service
1/30/2021	25 Lower Boulevard	NL	Service

Deliverables:

CCTV	1804.30'
Pipe Cleaning	11,569.67'
Valve Turning	37
Hydrant Flushing	0
Manhole Inspections	570

Sewer Work:

Date	Location	Town	Work Type
1/19/2021	Ocean and Gardner	New London	Replace

5. Maintenance as of January 31, 2021 all preventive maintenance scheduled have been completed with no backlog

Water – Corrective maintenance –8, Preventative Maintenance – 19

Wastewater – Corrective Maintenance, – 10, Preventative Maintenance – 16

Monthly Total – Corrective – 18, Preventative – 35

6. Billing and Collections

- i. 31 backflow devices were tested this month by Veolia personnel.
- ii. 32 cross connection inspections were completed this month by Veolia
- iii. 23 water meters were replaced during this month
- iv. Total of 171 meter related service orders were completed

7. Number of employees

- a. Veolia currently employees 44 full time employees vs. our contract requirement of 43

Correspondence with Contract Administration

- January 2021 Construction Crew Calendar
- January 2021 Storm Water Crew Calendar
- Notice of payment for performance bond elimination
- Invoice for Operational fee March 2021
- Invoice for Electrical reimbursement for March 2021
- Invoice for Underground Material January 2021

FIFTEEN ROPE FERRY ROAD



WATERFORD, CT 06385

March 10, 2021

Mr. Thomas J. Dembek, RTM Moderator
Waterford Town Hall
15 Rope Ferry Road
Waterford, CT 06385

Dear Mr. Dembek,

The appointment of Waterford Utility Commission members Peter M. Green, Raymond L. Valentini, and Rodney A. Pinkham expires on March 31, 2021. I contacted them and they expressed their desire to continue serving. We appreciate their active and valuable voluntary services and contributions to our Town.

It is hereby, respectfully requested for the RTM to consider the reappointment of Mr. Green, Mr. Valentini, and Mr. Pinkham to the Utility Commission.

Respectfully requested,

Neftali Soto, PE
Chief Engineer – Utility Commission

Cc: Peter M. Green
Raymond L. Valentini
Rodney A. Pinkham
David Campo – Town Clerk