



Fred Hurley,
Director

WATER AND SEWER AUTHORITY

THESE MINUTES ARE SUBJECT TO APPROVAL BY THE WATER AND SEWER AUTHORITY

The Water and Sewer Authority held a regular meeting, Thursday, August 11, 2022. The meeting was held at Newtown Public Works, 4 Turkey Hill Road, Newtown, CT. The meeting was called to order at 7:00pm.

Present: Lou Carbone, George Hill, Gene Vetrano, Carl Zencey, Alan Shepard

Absent: Mark Benedict, Marianne Brown

Also Present: Director of Public Works, Fred Hurley

Public Participation - None

Minutes – G. Hill moved to approve the minutes of the 6/9/22 public hearing. L. Carbone seconded, all in favor.
L. Carbone moved to approve the minutes of the 6/9/22 meeting. A. Shepard seconded, all in favor.

Report by Veolia – None

Report by Public Works Director –

FH Water Tank Improvement project

Fuss & O'Neill found the membrane that covered two tanks had voids and rips. All the cement work has been fixed. The town received 2 bids; one under one-half million and the second over 1 million. F. Hurley explained that this project will probably not be considered a capital project, but he is checking with Finance. If repair and maintenance is required, then it will be under the operational budget for the system. A. Shepard questioned the difference in the bid amounts. F. Hurley said that the bids have been sent to Fuss & O'Neill for review. Members discussed that the weight of the membranes could account for the difference.

Report of GIS Project – F. Hurley has asked the GIS Specialist for an updated mapping of the sewer service which need to be submitted to the State.

UNFINISHED BUSINESS

FH Water/Sewer System Improvement (Refer to attachment A) - F. Hurley reported that the Fairfield Hills sewer main replacement project is over 80% complete. Contractors have run into ledge along Keating Farms Ave in the areas of NewSylum and Plymouth Hall. Work to install manholes and connections continues. It is estimated the project will be completed in September. There is a quantity in the bid for rock and trench, but it is now going beyond the initial estimates. They are currently working on negotiating additional costs. The engineer has to prepare a request to the EDA for an amount change on the contract. Amounts are pending.

F. Hurley reported that the Fairfield Hills water project has started and explained details of the maps. The interconnection with Aquarion has been removed from the project, and replaced with piping from the pump house to the bunkers. Well 8 will be rehabbed. They will be checking lines, and any pipes cement lined will not require relining. They are in the process of getting final contracts done and the design should begin shortly.

Financials - No update.

I&I - No update.

NEW BUSINESS

Annual Base Compensation Adjustment (Refer to attachment B) - F. Hurley reported that the base compensation has increased 10 – 11% over last year. There are 3 factors that that caused most of the increase; loading levels, increase chemical costs and the Consumer Price Index. The water side went up 11% and the sewer side went up 9.8%. F. Hurley will provide more information in the next meeting.

With no further business, C. Zencey motioned to adjourn, L. Carbone seconded and the meeting was adjourned at 7:41 p.m.

Respectfully submitted, Kimberly Chiappetta, Clerk.

A recording of the meeting is available by contacting Kimberly.Chiappetta@newtown-ct.gov.

2023-1

Fairfield Hills Storage Tanks Improvements

Sealed Bids

Wednesday, August 10, 2022 1:00 pm

Newtown Municipal Center

[illegible]

ARTICLE 9 – BID SUBMITTAL

BIDDER: [Indicate correct name of bidding entity]

Scholar Painting, LLC

By:

[Signature]

Vaughn Butler

[Printed name]

Vaughn Butler

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:

[Signature]

Cynthia Hubbard

[Printed name]

Cynthia Hubbard

Title:

Junior Accountant

Submittal Date:

8/9/22

Address for giving notices:

2 Klarides Village Dr. #145

Seymour CT 06483

Telephone Number:

(877) 447-2465

Fax Number:

(877) 737-5543

Contact Name and e-mail address:

Vaughn Butler Scholarpainting@gmail.com
Isabel Trujillo itrujillo@scholarpainting.com

Bidder's License No.:

MCO.0903897
(where applicable)

NOTE TO USER: Use in those states or other jurisdictions where applicable or required.

FUSS & O'NEILL, INC.
1992248.W70

FAIRFIELD HILLS STORAGE TANKS IMPROVEMENTS
NEWTOWN, CT

BID SCHEDULE

Amount shall be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.

Item No.	Item and Unit Price	Engineer's Estimate of Quantity	Computed Total
1	Fairfield Hills Storage Tanks Improvements LS at the Lump Sum Price of <u>Four hundred sixty-three thousand three hundred twenty</u> Dollars and <u>zero</u> Cents (\$ <u>463,320.00</u>)	1	\$ <u>463,320.00</u>
2	Concrete Repair (Type A) SF at the Square Foot Price of <u>fifty-four</u> Dollars and <u>zero</u> Cents (\$ <u>54.00</u>)	1	\$ <u>54.00</u>
3	Concrete Repair (Type B) SF at the Square Foot Price of <u>one hundred twenty</u> Dollars and <u>zero</u> Cents (\$ <u>120.00</u>)	1	\$ <u>120.00</u>
4	Concrete Repair (Type C) SF at the Square Foot Price of <u>seventy-five</u> Dollars and <u>zero</u> Cents (\$ <u>75.00</u>)	1	\$ <u>75.00</u>
5	Concrete Repair (Crack Repair) LF at the per Linear Foot Price of <u>Twenty-five</u> Dollars and <u>zero</u> Cents (\$ <u>25.00</u>)	1	\$ <u>25.00</u>

END OF BID SCHEDULE

ARTICLE 9 - BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

Silktown Roofing, Inc.

By:

[Signature]

[Printed name]

John C. McConville, President

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:

[Signature]

[Printed name]

Joan K. McConville

Title:

Corporate Secretary

Submittal Date:

August 10, 2022

Address for giving notices:

Silktown Roofing, Inc.

27 Pleasant Street

Manchester, CT 06040

Telephone Number:

860-647-0198

Fax Number:

860-646-0775

Contact Name and e-mail address:

Sean Morrissey, PM/sean@silktownroofing.com

Bidder's License No.:

CT Major Contractor-MCO.0900776

(where applicable)

NOTE TO USER: *Use in those states or other jurisdictions where applicable or required.*

SS & O'NEILL, INC.
1992248.W70

FAIRFIELD HILLS STORAGE TANKS IMPROVEMENTS
NEWTOWN, CT

BID SCHEDULE

Amount shall be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.

Item No.	Item and Unit Price	Engineer's Estimate of Quantity	Computed Total
1	Fairfield Hills Storage Tanks Improvements LS at the Lump Sum Price of	1	
	Nine Hundred Three Thousand Two Hundred Seventy Five Dollars		\$ <u>\$903,275.00</u>
	and No Cents (\$)		
2	Concrete Repair (Type A) SF at the Square Foot Price of	1	
	Five Hundred Seventy-Two Dollars		\$ <u>572.00/SF</u>
	and No Cents (\$)		
3	Concrete Repair (Type B) SF at the Square Foot Price of	1	
	Six Hundred Five Dollars		\$ <u>605.00/SF</u>
	and No Cents (\$)		
4	Concrete Repair (Type C) SF at the Square Foot Price of	1	
	Seven Hundred Twenty Dollars		\$ <u>720.00/SF</u>
	and No Cents (\$)		
5	Concrete Repair (Crack Repair) LF at the per Linear Foot Price of	1	
	Fifty-Five Dollars		\$ <u>55.00/LF</u>
	and No Cents (\$)		

END OF BID SCHEDULE



July 15, 2022

Mr. Frederick W. Hurley, Jr.
Public Works Director
Town of Newtown
4 Turkey Hill Road
Newtown, CT 06470

Subject: Town of Newtown WSA
Annual Base Compensation Adjustment

Dear Mr. Hurley:

As per Section 6.2 of the Operation, Maintenance, and Management Services Agreement for the Town of Newtown Water and Wastewater Facilities that commenced on July 1, 2004, the Annual Base Compensation shall be adjusted at the start of each Agreement year. Listed below are our calculations for the proposed Total Adjusted Base Compensation (TABC) for the next Agreement Year. The TABC is consistent with our ongoing cost associated with the operation of the facility.

Annual Base Compensation Adjustment

Subject to Section 6.5, the Base Compensation shall be adjusted at the start of each Agreement Year in accordance with the following formula to account for annual changes in the Price Index and Influent flow, Total Suspended Solids (TSS), and BOD5.

Inflation Adjustment on Initial Term

$$ABC_0 = \$454,860 \times [300.325/199.9] = \mathbf{\$683,370.83}, \text{ where}$$

$$BC_0 = \$454,860$$

$$C = 300.325$$

$$C_0 = 199.9$$

$$AFM = \$17.83/\text{million gallons} \times [300.325/199.9] = \mathbf{\$26.79/MG}$$

$$ATM = \$0.16/\text{lb} \times [300.325/199.9] = \mathbf{\$0.24/\text{lb}}$$

$$ABM = \$0.04/\text{lb} \times [300.325/199.9] = \mathbf{\$0.06/\text{lb}}$$

Inflation Adjustment on Renewal Term

$$ABC = \$69,619 \times [300.325/253.598] = \mathbf{\$82,446.73}, \text{ where}$$

$$BC_0 = \$69,619$$

$$C = 300.325$$

$$C_0 = 253.598$$



Flow and Loads Adjustment

$\Delta \text{Flow} = 0.449926027 - 0.53 = -0.080073973 \text{ MGD}$, where

$TF_1 = 0.449926027 \text{ MGD}$

$TF_0 = 0.53 \text{ MGD}$

$\Delta \text{TSS} = 1,068 - 703 = 365.1372549 \text{ lbs}$, where

$TT_1 = 1,068 \text{ lbs}$

$TT_0 = 703 \text{ lbs}$

$\Delta \text{BOD5} = 943 - 999 = -55.96078431 \text{ lbs}$, where

$TB_1 = 943 \text{ lbs}$

$TB_0 = 999 \text{ lbs}$

Total Adjusted Base Compensation

$\text{TABC} = \text{ABC}_0 + \text{ABC} + (\Delta \text{Flow} \times 365 \text{ days} \times \text{AFM}) + (\Delta \text{TSS} \times 365 \text{ days} \times \text{ATM}) + (\Delta \text{BOD5} \times 365 \text{ days} \times \text{ABM})$, where

$\text{TABC} = \$683,370.83 + \$82,446.73 + (-0.080073973 \text{ MGD} \times 365 \text{ days} \times \$26.79/\text{MG}) + (365.1372549 \text{ lbs} \times 365 \text{ days} \times \$0.24/\text{lb}) + (-55.96078431 \text{ lbs} \times 365 \text{ days} \times \$0.06/\text{lb})$

$\text{TABC} = \$683,370.83 + \$82,446.73 + (-\$782.91) + \$32,036.69 + (-\$1,227.48)$

TABC = \$795,843.86

From the calculations above, the adjusted annual base compensation fee starting July 1, 2022 will be \$795,843.86. The breakdown of the new annual base fee of \$795,843.86 will be \$684,425.72 for the Newtown WPCF and \$111,418.14 for the Fairfield Hills Water Treatment Facility. Attached is the CPI and flow and loads data for the Agreement year.

Please review this submittal and provide us with your comment. If you have any questions or need any additional information, please call me at 203-525-7117.

Sincerely,

Julio Segarra
Project Manager

CPI for All Urban Consumers (CPI-U) Original Data Value

Series Id: CUUR0100SA0, CUUS0100SA0

Not Seasonally Adjusted

Series Title: All items in Northeast urban, all urban consumers,

Area: Northeast

Item: All items

Base Period: 1982-84=100

Years: 2012 to 2022

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	HALF1	HALF2
2012	242.879	243.850	245.125	245.850	245.709	245.201	244.984	246.252	247.409	247.564	247.097	246.456	245.698	244.769	246.627
2013	247.277	248.665	248.719	248.464	248.584	248.851	249.411	249.858	250.231	249.320	249.503	249.567	249.038	248.427	249.648
2014	251.045	251.233	252.413	252.506	253.598	253.555	253.833	253.185	253.154	252.730	251.781	250.519	252.463	252.392	252.534
2015	250.016	250.619	251.451	251.760	252.770	253.626	253.405	252.903	252.922	252.504	252.573	251.670	252.185	251.707	252.663
2016	251.739	252.250	252.854	254.270	255.023	255.471	255.386	255.545	256.085	256.605	256.541	256.427	254.850	253.601	256.098
2017	258.073	258.768	258.510	259.165	259.386	259.335	258.833	259.508	260.875	260.580	260.630	260.791	259.538	258.873	260.203
2018	262.188	263.260	263.556	264.669	265.840	265.950	265.830	266.425	266.709	266.464	265.487	265.286	265.139	264.244	266.034
2019	266.109	266.706	268.025	269.070	269.744	270.133	270.381	270.548	270.563	270.348	270.643	270.429	269.392	268.298	270.485
2020	272.316	273.080	272.531	271.325	271.345	272.283	273.347	273.597	273.925	273.374	273.543	274.225	272.908	272.147	273.669
2021	275.427	276.473	278.197	280.234	281.858	284.741	285.220	285.630	286.423	288.236	289.835	290.405	283.557	279.488	287.625
2022	292.644	294.605	298.403	300.325	302.939										