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## **AGENDA**

### **Business Meeting of the Niagara Falls Water Board July 24, 2023 at 5:00 p.m.**

**Water Treatment Plant Conference Room  
5815 Buffalo Avenue, Niagara Falls New York 14304**

**Meeting may be attended in person  
or via videoconference – visit NFWB.org for details.**

#### **1. Preliminary Matters**

##### **a. Attendance:**

**Asklar (Board Member/Chairman of Finance/Member Exec. Staff Review Cmte.) \_\_\_\_\_**

**Forster (Chairman) \_\_\_\_\_**

**Kimble (Board Member) \_\_\_\_\_**

**Larkin (Board Member/Vice Chairwoman/Governance Chairwoman/  
Chairwoman Exec. Staff Review Cmte.) \_\_\_\_\_**

**Leffler (Board Member/Member Exec. Staff Review Cmte.) \_\_\_\_\_**

**b. Public Comments (All speakers must register with the meeting clerk prior to roll call and are limited to three minutes per person – total time for all speakers may not exceed one hour).**

##### **c. Comments from Chairman Forster**

**i. 2023 Budgeted Expenses - Expenditures of User Rates, Fees, and  
Charges Less Debt Service**

**d. Presentations (none scheduled)**

- e. **Letters and Communications**
  - i. **2023-07-11 – COVID Wastewater Surveillance Update Memorandum**
  - ii. **2023-06-30 – 2022 Bipartisan Infrastructure Law Lead Service Line Replacement Grant Award**
  - iii. **2023 Rain Barrel Sale Flyer**
  
- f. **Prior Meeting Minutes**
  - i. **Draft June 26, 2023 Meeting Minutes**
  
- 2. **Executive Director – Dr. Abderrahman Zehraoui**
  - a. **WWTP Project Budget Tracker (CPL)**
  - b. **WWTP Construction Schedule Tracker (CPL)**
  - c. **Financial Award Summary (CPL)**
  
- 3. **Inside Infrastructure and Operations – Russell DeFranco**
  
- 4. **Outside Infrastructure Updates – Michael Eagler**
  
- 5. **Engineering – Douglas Williamson**
  
- 6. **Personnel Items – David San Lorenzo**
  - a. **July 24, 2023 Personnel Actions**
  - b. **Union Time Off Year to Date**
  
- 7. **Information Technology (IT) – Dr. Abderrahman Zehraoui and Jonathan Joyce**
  - a. **Cybersecurity Updates**

**8. Finance – Brian Majchrowicz**

- a. Revenue Budget Performance Report through 6/30/2023**
- b. Sewer Fund Expense Budget Performance Report through 6/30/2023**
- c. Water Fund Expense Budget Performance Report through 6/30/2023**
- d. Board Fund Expense Budget Performance Report through 6/30/2023**
- e. Key Bank and Bank on Buffalo Balance Report**
- f. Wilmington Trust Balance Report**
- g. Treasury Account Balance Report**
- h. Budget Amendments Report**
- i. Capital Payments**

**9. Questions Regarding June 2023 Operations and Maintenance Report**

**10. Safety – John Accardo**

**11. General Counsel and Secretary – Sean Costello**

**12. From the Chairman**

**13. Resolutions**

**2023-07-001 - RENEWAL OF PERMA WORKERS COMPENSATION POLICY**

- a. Workers Compensation Renewal Proposal**

**2023-07-002 - AUTHORIZATION TO PROCEED WITH NYPA CLEAN ENERGY SERVICES PROJECT**

- a. 2023-05-22 - NYPA Proposed Authorization to Proceed for Services Related to Solar Development at Water Treatment Plant**
- b. 2023-05-22 - NYPA Summary of Plan to Provide Advisory Services for Solar Development at WTP**

**2023-07-003 - PROCUREMENT OF WATER MAIN VALVES AND HYMAX CLAMPS**

- a. 2023-05-31 - Core and Main Quote for Water Main Valves and Hymax Clamps**

**2023-07-004 - MILTON CAT CHANGE ORDER FOR WATER TREATMENT PLANT GENERATOR CONTROL UPGRADE PROJECT**

- a. 2023-07-11 - Milton CAT Change Order for Generator Control Upgrade Project**



**2023-07-005 - CHANGE ORDER FOR PROJECT 6 ENGINEERING SERVICES AGREEMENT, SODIUM HYPOCHLORITE TANK, SECONDARY CONTAINMENT, PUMPING, PIPING, AND CONTROLS**

- a. **2023-06-28 - AECOM Proposal - Change Order to WWTP Project 6 Agreement to Perform Engineering Services for Sodium Hypochlorite Tank Replacement, Pump Addition**

**2023-07-006 - AWARD BID FOR WATER TREATMENT PLANT ROOF REPLACEMENT**

- a. **2023-07-17 - CPL WTP Roof Bid Award Recommendation and Bid Tabulation**
- b. **Diagram of WTP Roof Sections Used in Bid**

**2023-07-007 - WTP SECURITY UPGRADES – DOOR ACCESS CONTROL CARD READER SYSTEM AND INSTALLATION OF TWO DOORS FOR ACCESS CONTROL**

- a. **2023-06-16 - Jens Glass Estimate for WTP Security Upgrades**

**14. Unfinished/Old Business**

**1) WWTP Sodium Hypochlorite Tank Replacement**

- 7/14/22: The 2021 WIIA Sewer (WWTP) Grant of \$1,125,000 was awarded on April 19, 2022 that included the some of the funds necessary to complete the WWTP tank removal and replacement work. We may be able to utilize some of the remaining balance of the WWTP Phase II grant to assist with this work, as well. We need approval from the NYSDEC to include some of the WWTP tank replacement work under this WWTP Phase II grant. The draft WWTP Tank Replacement RFP that was created needs to be finalized to show the grant funding sources that have been approved for the project, before we can proceed.
- 7/14/23: Resolution for engineering services in work session packet.

**2) WTP Perimeter Fence Replacement Update**

- 7/14/22: The 2021 WIIA Water Grant application of \$3 million was awarded on April 19, 2022 that included some funds that can be used for the WTP perimeter fence replacement work. On 7/13/22, the capital purchase order for the \$8,000 brush hog was completed to assist with the work in-house. WTP maintenance to schedule and coordinate the fencing work.
- 7/14/23: Security gate and lower fence for clear well building scheduled for week of July 17.

**15. New Business & Additional Items for Discussion**

- a. **Schedule a Special Meeting for Grant Applications and Change Order for WWTP Project 1 – Scope of Masonry Repair Work Required in Basin 3 Greater Than Anticipated**

**16. Executive Session: Anticipated motion to enter into executive session for the purpose of considering matters leading to the appointment, employment, promotion, demotion, or removal of a particular person (Public Officers Law § 105(f)).**

**17. Adjournment of Meeting**



## 2023 Rain Barrel Sale

The Niagara Falls Water Board is partnering with the other municipalities that participate in the Western New York Stormwater Coalition to make rain barrels and compost bins available for sale. The goal is to encourage households to reduce their environmental footprint through water conservation and reducing fertilizer use. Thanks to a grant provided by the Environmental Protection Fund as administered by the New York State Department of Environmental Conservation, **Niagara Falls households are eligible for a subsidy granting 75% off the price of rain barrels, with a final cost of just \$12.50 per barrel.** Barrel pickup will be at the Boulevard Mall parking lot at the southeast corner of Niagara Falls Boulevard and Maple Rd, Amherst, NY, on August 26 & 27 from 1:00 pm - 4:00 pm. To purchase, visit <https://erie.rainbarrelsale.com/>.



For news and updates, please visit [www.NFWB.org](http://www.NFWB.org).



## MINUTES

### **Business Meeting of the Niagara Falls Water Board June 26, 2023 at 5:00 p.m.**

**Water Treatment Plant Conference Room  
5815 Buffalo Avenue, Niagara Falls New York 14304**

**Meeting could be attended in person  
or via videoconference.**

#### **1. Preliminary Matters**

*Chairman Forster called the meeting to order at 5:00 p.m.*

*Board Member Kimble said a prayer for the family of the late William Costello, father of Sean Costello, NFWB General Counsel.*

##### **a. Attendance:**

Asklar (Board Member/Chairman of Finance/Member Exec. Staff Review Cmte.) *Present*

Forster (Chairman) *Present*

Kimble (Board Member) *Present via Videoconference*

Larkin (Board Member/Vice Chairwoman/Governance Chairwoman/  
Chairwoman Exec. Staff Review Cmte.) *Present*

Leffler (Board Member/Member Exec. Staff Review Cmte.) *Present*

- b. Public Comments (All speakers must register with the meeting clerk prior to roll call and are limited to three minutes per person – total time for all speakers may not exceed one hour).**

*No public comments.*

##### **c. Comments from Chairman Forster**

*Chairman Forster asked that the Board enter into executive session to discuss matters leading to the appointment, employment, promotion, demotion, or removal of a particular person.*

*Motion by Board Member Larkin and seconded by Board Member Asklar to enter into Executive Session at 5:04 p.m.*

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carried, 5-0.*

*Motion by Board Member Asklar and seconded by Board Member Larkin to exit Executive Session at 5:27 p.m.*

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carried, 5-0.*

**i. Before and After Operational Improvements**

*Chairman Forster commented on the before and after photos from today’s meeting packet, which show improvements made throughout the company. He stated that all the work shown has been done in-house, resulting in significant cost savings. In the past, many of these projects would have been done by outside contractors. Projects include replacing rugs original to the plant, improving stairs, redoing rundown break rooms, sealing and painting the gorge pump station tunnel, and other measures taken to improve work environment. He stated there are still many areas that are in need, but it can’t be done all at once and will take some time.*

**d. Presentations (none scheduled)**

**e. Letters and Communications**

- i. 2023-06-14 – COVID Wastewater Surveillance Update Memorandum**
- ii. Correspondence from Jamestown Community College**

*John Mogavero, an instructor from Jamestown Community College, sent an email to Mr. Eagler asking him to relay his message to the NFWB staff. Mr. Mogavero recently instructed Water and Wastewater Operator Courses in our facility over the span of two weeks. Mr. Mogavero stated that the WTP Conference Room was beneficial for operator training, especially the high-definition monitors, audio, and Wi-Fi. He looks forward to scheduling more training here in the future.*

**f. Prior Meeting Minutes**

**i. Draft May 22, 2023 Meeting Minutes**

*Motion by Board Member Larkin and seconded by Board Member Leffler to approve the May 22, 2023 meeting minutes.*

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carried, 5-0.*

## **2. Executive Director – Dr. Abderrahman Zehraoui**

*Dr. Zehraoui stated the NFWB met with the DEC and EFC on Thursday, June 15<sup>th</sup>, and submitted the application for the \$20 million plant conversion loan to the EFC on Friday, June 16<sup>th</sup>. The remaining funding for plant conversion, \$230 million, will be split into two applications, one for \$100 million, and another for \$130 million. Applications are due July 28<sup>th</sup>, 2023, and NFWB must provide further breakdown of the expected plant conversion costs. Next week, the team will be meeting with Governor Hochul’s environmental advisors to gain more support to optimize funding.*

*NFWB team members completed work related to the risk management plan in-house, taking over 60 hours to complete, instead of contracting the work to an engineering firm.*

- a. WWTP Project Budget Tracker (CPL)**
- b. WWTP Construction Schedule Tracker (CPL)**
- c. Financial Award Summary (CPL)**

*Jay Meyers and Seth Krull spoke on behalf of CPL. Mr. Krull gave an update on Item 2 from the Project Budget tracker. They are working with NFWB staff on submitting reimbursement requests from DASNY and EFC.*

*Mr. Meyers stated out of 11 projects, there are two remaining. Project 1 will be completed in 2024, Project 3 will be completed in August, and Project 7 was completed last week. Mr. Krull stated there has been discussion on using the remaining funds from the WWTP \$27 million grant for other items that have come up, including Intermediate Pumps, and paperwork has been submitted to the DEC.*

*Chairman Forster asked for an update on the roof repair project. Mr. Meyers stated the bids were opened last week, his estimate is around \$3.4 million, anticipated to start in September. Chairman Forster noted that the start time is significant because there are roof areas at the WTP that are in dire need of fixing, and patching is set to start soon, which will be a waste if major repairs will start right after. CPL will discuss this timeline with Mr. DeFranco to avoid excess work.*

## **3. System Infrastructure and Operations – Russell DeFranco**

*Mr. DeFranco handed the Board Members a copy of correspondence with Marty Schebell, NFWB Control Maintenance Technician. This letter addresses WTP Turbidimeters, which are beyond their lifespan and take up most of Mr. Schebell’s time to maintain. We have 10 Turbidimeters, and 5 “brains” that operate 2 meters each. Parts are no longer available, and Mr. Schebell often must go down and reset them. There is a new Turbidimeter on loan to us, and he has not reset it since June 16<sup>th</sup>. Total cost to replace them all is \$54,000, but they don’t have to be replaced all at once. Old ones will be backup, to scavenge parts. We are required to monitor turbidity (water clarity), so it is necessary to have functioning turbidimeters.*

*Mr. DeFranco gave an update on WTP High Lift Pump 3, the valve is functioning properly and there are no concerns. He also stated Danforth began the work for the WWTP Intermediate Pump Valve replacement.*

*Currently, one Sedimentation Basin is down due to construction, and Sedimentation Basin 1 was fixed over the weekend. Mr. DeFranco thanked Mr. Eagler, and team, for using his Vac Truck to clean out Sed Basin 1, saving \$24,500.*

#### **4. Outside Infrastructure Updates – Michael Eagler**

*Mr. Eagler stated the 18<sup>th</sup> St Project (16” main running from Whitney to Ontario) has been completed. The road has been restored to better condition than before it was ripped up. Four new hydrants were installed on that main. The project finished \$55,000 under budget, with the help of CPL.*

*Freeze Thaw beds have been repaired and are ready for use.*

*The lift station modem for Cayuga Island came in (it has not been on SCADA for a couple months). Clayton Hotchkiss, Sanitary Engineer, will be working on programming this week.*

*Major flaws were discovered on Highland and Calumet 48” brick sewer main, they are estimating 300-400’ replacement. Will be a large, expensive project.*

*Mr. Eagler is working with the City and Fourth Generation to bring down the cost of a water valve repair on Walnut and Hyde Park.*

#### **5. Engineering – Douglas Williamson**

##### **a. Project Status Updates**

*Mr. Williamson stated for the Sodium Hypochlorite replacement project, he is hoping to use the remaining balance of the Phase 1 WWTP grant, issue a change order to Project #6, and get a quote from AECOM. If the quote is not sufficient, an RFP will go out.*

*Intermediate Pump RFP is almost done, and should be awarded by September.*

*Mr. Williamson stated he is waiting for answers on the electrical room HVAC, as two proposals were received, and he is unsure if they should go out for RFP. Chairman Forster stated he currently does not have an answer, and there may be a special meeting later this month.*

*Mr. Williamson put together an RFQ for architectural engineering services consulting to aid with project grants and RFPs.*

#### **6. Personnel Items – David San Lorenzo**

##### **a. June 26, 2023 Personnel Actions**

*The only item on today’s PA sheet is one resignation.*

*Mr. San Lorenzo stated that last year when Blue Cross switched over to Highmark, there were many billing issues. As they were reviewing a new health insurance contract at the beginning of this month, **NFWB July 24, 2023 Meeting Agenda Packet Page 11***

*year that we were still billed for. Mr. San Lorenzo thanks his staff, Fifi Sandonato and Erika Schroeder, for their diligent work in finding this mistake, which resulted in a substantial refund.*

## **7. Information Technology (IT) – Dr. Abderrahman Zehraoui and Jonathan Joyce**

*Chairman Forster stated there was an issue last week with several employees being out and no one having access to Adobe Acrobat to create today’s meeting packet. Jonathan Joyce stated that all computers are equipped with Adobe Reader, but going forward he will extend Adobe Acrobat to users that need it, being mindful that Adobe has a monthly charge per user.*

*The server that IT is migrating Lucity to is up to date, and Mr. Joyce has a meeting with the account rep on June 28<sup>th</sup> to discuss the migration. Migration will start within the next couple weeks, and training will follow.*

*IT is also working on the VoIP system. They signed with Spectrum, are testing SIP trunks, and are getting ready to flex over telephone numbers, which will likely be a two-day procedure between both locations. They also found a service that offers language translation, which is charged per minute, and are looking into incorporating it into our phone system to be more inclusive to the community. Once the new phone system is in place, they will implement overhead paging.*

*The VPN was implemented and a job is being used for 2-factor identification.*

*Once the above projects are complete, IT will have a security audit done to test for vulnerability and check compliance.*

## **8. Finance – Brian Majchrowicz**

- a. Shutoff Program Update**
- b. Revenue Budget Performance Report through 4/30/2023**
- c. Sewer Fund Expense Budget Performance Report through 4/30/2023**
- c. Water Fund Expense Budget Performance Report through 4/30/2023**
- d. Board Fund Expense Budget Performance Report through 4/30/2023**
- e. Key Bank and Bank on Buffalo Balance Report**
- f. Wilmington Trust Balance Report**
- g. Treasury Account Balance Report**
- h. Budget Amendments Report**
- i. Capital Payments**

*Mr. Majchrowicz was absent from today’s meeting.*

*Chairman Forster commented on the 2023 Budgeted Expenses - Expenditures of User Rates, Fees, and Charges Less Debt Service. He stated our Sodium Hypochlorite usage is down, which may have a significant favorable impact on the budget.*

## **9. Questions Regarding May 2023 Operations and Maintenance Report**



## 10. Safety – John Accardo

### a. CPR/AED Training

*The official PERMA inspection report was received, and the only concerns were minor housekeeping items. One of the recommendations from the inspection was the development of a safety committee.*

*Tomorrow, June 27<sup>th</sup>, there will be CPR/AED training by the NFFD for 17 of our employees in the WTP Conference Room, 9am-11am.*

*It was recommended by our auto insurance company, Zurich, that we develop fleet management policies. They also recommended driver safety training. A 6-hour course for each employee may reduce the company's and the driver's personal insurance premium.*

## 11. General Counsel and Secretary – Sean Costello

## 12. From the Chairman

## 13. Resolutions

### 2023-06-001 – AWARD BID FOR WATER TREATMENT PLANT VENT PIPING REPLACEMENT

#### a. 2023-06-14 – Clark Patterson Lee Award Recommendation and Bid Tabulation for Project No. 14143.02

*Motion by Board Member Larkin and seconded by Board Member Asklar to approve.*

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carried, 5-0.*

## 2. Unfinished/Old Business

### 1) WWTP Sodium Hypochlorite Tank Replacement

- 7/14/22: The 2021 WIIA Sewer (WWTP) Grant of \$1,125,000 was awarded on April 19, 2022 that included the some of the funds necessary to complete the WWTP tank removal and replacement work. We may be able to utilize some of the remaining balance of the WWTP Phase II grant to assist with this work, as well. We need approval from the NYSDEC to include some of the WWTP tank replacement work under this WWTP Phase II grant. The draft WWTP Tank Replacement RFP that was created needs to be finalized to show the grant funding sources that have been approved for the project before we can proceed.
- 9/22/22: Next step is requesting approval to use Phase II grant funds (will be packaged with other projects).

- 5/16/23: DEC comments on proposed allocation of grant funds received.

## 2) Whitney Ave. Water Main Replacement

- 5/9/2023: Bid released April 24. Contractors have submitted questions and requested an extension of the bid due date. An addendum is necessary to secure competitive bids has been issued extending the bid deadline to May 31, for award at the June 2023 Board meeting.

## 3) WTP Perimeter Fence Replacement Update

- 7/14/22: The 2021 WIHA Water Grant application of \$3 million was awarded on April 19, 2022 that included some funds that can be used for the WTP perimeter fence replacement work. On 7/13/22, the capital purchase order for the \$8,000 brush hog was completed to assist with the work in-house. WTP maintenance to schedule and coordinate the fencing work.
- 9/22/22: Brush hog delivered, Outside Maintenance has used it to clear along the fence line.
- 11/10/22: Obtaining quotes related to fence and other security needs, meeting OGS-listed contractor 11/17.
- 1/19/23: Project to be attempted in Spring with outside maintenance installing posts.
- 2/23/23: South side fence break repairs in progress. Ground elevation improvements and security wire on top of south side fence scheduled for Spring when ground has hardened.
- 5/17/23: Ground elevation correction work to be scheduled soon.

## 14. New Business & Additional Items for Discussion

### 15. Executive Session (if needed)

*Conducted earlier in the meeting.*

### 16. Adjournment of Meeting

*Motion by Board Member Larkin and seconded by Board Member Asklar to adjourn the meeting at 6:40 p.m.*

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carried, 5-0.*

Niagara Falls Water Board  
 Personnel Actions and Report  
 Monday, July 24, 2023

Personnel Actions Sheet & Requested of the Board.  
 All appointments are subject to the appointee meeting the minimum qualifications and all applicable civil service conditions.

A. PERSONNEL ACTIONS RECOMMEND TO HIRE				
Line Item Number	Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION

B. RECOMMENDED PROMOTION / MOVE / APPOINTMENT				
Line Item Number	Name and Position	Type of labor move	Change in pay rate or grade	ADDITIONAL INFORMATION

C. PREVIOUSLY TABLED PERSONNEL ACTIONS (From 2023)				
Line Item Number	Action and Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION

D. OTHER PERSONNEL ACTIVITY FOR BOARD NOTIFICATION				
Name	Position	Department/Location	Pay Rate	ADDITIONAL INFORMATION
<u>Bruce Freeman</u>	<u>Cross Conn Insp</u>	<u>Enforcement</u>	<u>\$26.56/hr</u>	<u>Resignation effective 7/18/23</u>
<u>Matthew Jones</u>	<u>CDT Trainee</u>	<u>Outside Sewer</u>	<u>\$18.17/hr</u>	<u>Resignation effective 7/28/23</u>
Mark Richmond	MW 3	Bldg. & Grounds, WWTP	\$17.87/hr	Resignation effective 6/23/23

E. PERSONNEL ON LONG TERM LEAVE OF ABSENCE				
Position	Last Day Worked	Dept.	Return Status	Comments
Meter Tech	7/12/2023	Meter Maint	Unknown	Workers Comp

**RENEWAL OF PERMA WORKERS COMPENSATION POLICY**

**WHEREAS**, the Niagara Falls Water Board has procured its Workers’ Compensation insurance policy from PERMA for several years; and

**WHEREAS**, the workers’ compensation policy renews on July 1 each year; and

**WHEREAS**, USI, the Water Board’s broker, sought to market the Water Board’s policy with multiple carriers, and after reviewing the results of these efforts with Water Board staff recommended that the Water Board renew its coverage through PERMA, with an estimated premium of \$412,186 after applicable State assessment and a credit for payment in full;

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board hereby authorizes the Director of Administrative Services to accept PERMA’s proposal to renew the Workers’ Compensation policy for the July 1, 2023 to June 30, 2024 policy year.

*Water Board Personnel Responsible for Implementation of this Resolution:*

Director of Administrative Services

*Water Board Budget Line or Capital Plan Item with Funds for this Resolution:*

Budget Lines: FA.8310.0001.0820.000

GA.8110.0001.0820.000

Budget Lines Supplied by: B. Majchrowicz

Available Funds Confirmed by: B. Majchrowicz

On July 24, 2023, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Asklar	[   ]	[   ]	[   ]	[   ]
Board Member Kimble	[   ]	[   ]	[   ]	[   ]
Board Member Larkin	[   ]	[   ]	[   ]	[   ]
Board Member Leffler	[   ]	[   ]	[   ]	[   ]
Chairman Forster	[   ]	[   ]	[   ]	[   ]

Signed By:

Vote Witnessed By:

\_\_\_\_\_  
Nicholas J. Forster, Chairman

\_\_\_\_\_  
Sean W. Costello, Secretary to Board

# Property & Casualty Insurance Proposal

## Niagara Falls Water Board



Timothy Wroblewski

Vice President

Account Manager: Linda A. Mayflower, ACSR, CPIA

Date Prepared: June 14, 2023



## About USI Insurance Services

USI is one of the largest insurance brokerage and consulting firms in the world, delivering property and casualty, employee benefits, personal risk, program and retirement solutions to large risk management clients, middle market companies, smaller firms and individuals. Headquartered in Valhalla, New York, USI connects together over 9,000 industry leading professionals across approximately 200 offices to serve clients' local, national and international needs. USI has become a premier insurance brokerage and consulting firm by leveraging the USI ONE Advantage®, an interactive platform that integrates proprietary and innovative client solutions, networked local resources and expertise, and enterprise-wide collaboration to deliver customized results with positive, bottom line impact. USI attracts best-in-class industry talent with a long history of deep and continuing investment in our local communities. For more information, visit [usi.com](http://usi.com).

### The USI ONE Advantage

What truly distinguishes USI as a leading middle market insurance brokerage and consulting firm is the USI One Advantage, a game-changing value proposition that delivers clients a robust set of risk management and benefit solutions and exclusive resources with financial impact. USI ONE™ represents **Omni, Network, Enterprise**—the three key elements that create the USI ONE Advantage and set us apart from the competition.

#### **Omni – USI's Proprietary Analytics**

Omni, which means "all," is USI's one-of-a-kind solutions platform—real time, interactive, dynamic and evolving, and customized for each client. Built in-house by USI subject matter experts, Omni captures the experience of more than 100,000 clients, thousands of professionals and over 100 years of business activity through our acquired agencies into targeted, actionable solutions.

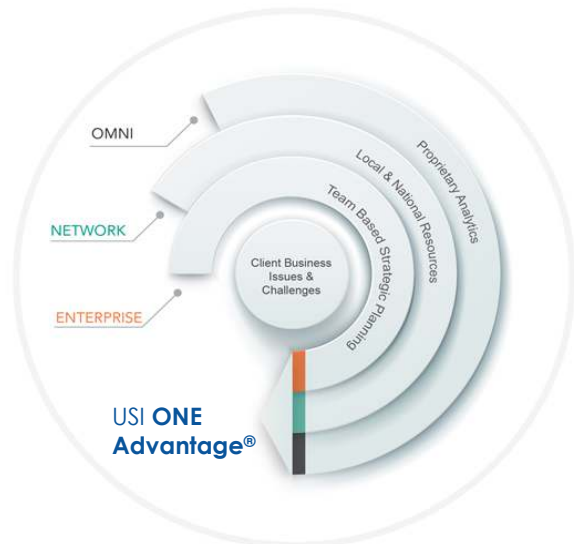
#### **Network – USI's Local and National Resources**

USI has made a very large investment in local resources and technical expertise, with more than 6,000 professionals networked nationally to build strong vertical capabilities and integrated account teams. Our local and regional experts ensure account team availability, hands-on service, and ongoing diligent follow-through so we can deliver on the solutions we customize for our clients.

#### **Enterprise – USI's Team Based Strategic Planning**

USI's enterprise planning is a disciplined, focused, analysis centered on our client's issues and challenges. Highly consultative meetings integrate USI's Omni analytics with our broad resource network to build a risk management strategy aligned with client business needs. Our enterprise process is a proven method for identifying, quantifying and minimizing client risk exposures.

The USI ONE Advantage—our **Omni** knowledge engine, with our **Network** of local and national resources, delivered to our clients through our **Enterprise** planning process gives USI fundamentally different solutions, the resources to deliver, and a process to bring superior results to our clients.



This proposal is merely a descriptive summary of coverage provided by the insurance companies being proposed and should be used for reference purposes only; it is not a binder and does not amend or alter the insurance contract. Please refer to the policy contract for specific terms, conditions, limitations, and exclusions.

Proposal date: 06/13/2023 Prepared for Niagara Falls Water Board  
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## Service Team

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### **USI Insurance Services, LLC**

726 Exchange St. Ste 618, Buffalo, NY 14210

(716) 314-2000    www.usi.com

#### **Producers**

Your is **Timothy Wroblewski**

Direct Number: (716) 314-2107

E-Mail: Timothy.Wroblewski@usi.com

#### **Account Management Team**

Your **CL Account Manager** is **Linda A. Mayflower, ACSR, CPIA**

Direct Number: (716) 314-2060

E-Mail: Linda.Mayflower@usi.com

Your **CL Sr Account Rep** is **Lisa Waterhouse**

Direct Number: (716) 314-2064

E-Mail: Lisa.Waterhouse@usi.com

#### **Additional USI Contacts**

Your **Claims Advocate** contact is **Jeanne Badaszewski, CWCP**

Direct Number: (716) 314-2038

E-Mail: Jeanne.Badaszewski@usi.com

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## Schedule of Locations

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### Workers Compensation

**Insurance Company:** PERMA Public Employer Risk Management

**Policy Term:** 07/01/2023 to 07/01/2024

Location Number	Address	City	State	ZIP Code
1	5815 Buffalo Avenue;	Niagara Falls	NY	14304

**Only the locations shown above are included in this proposal. If any locations are not shown above and should be included for coverage, please notify us immediately.**

This proposal is merely a descriptive summary of coverage provided by the insurance companies being proposed and should be used for reference purposes only; it is not a binder and does not amend or alter the insurance contract. Please refer to the policy contract for specific terms, conditions, limitations, and exclusions.

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# Workers' Compensation

**Insurance Company:** PERMA Public Employer Risk Management  
**Policy Term:** 07/01/2023 to 07/01/2024

Coverage Description	Limit
Employers Liability - Each Accident	\$1,000,000
Employers Liability - Disease (Policy Limit)	\$1,000,000
Employers Liability - Disease (Each Employee)	\$1,000,000
Experience Mod	1.62

Coverage is not automatic in all states. Please notify us immediately if you begin operations in another state.

## Workers' Compensation Schedule of Exposures

**State: NY**      **Experience Modifier: 1.62**

Class Code	Classification Description	Estimated Annual Payroll	Premium
6319	Water Line Repair	\$460,622	\$38,139
7520	Waterworks	\$850,396	\$126,550
7540	Meter Reader Utility Company	\$258,384	\$17,248
7580	Sewer Plant	\$1,719,732	\$147,520
8810	Clerical Office Employees NOC	\$1,817,357	\$4,669
9402	Street Cleaning	\$578,922	\$75,670

Premium Adjustments	Amount
New York State Assessment	\$10,586
2% Credit on Total Contribution, if pay in full by 7/01/23	-\$8,196

<b>Total Estimated Annual Premium Including Premium Adjustments</b>	<b>\$412,186</b>
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Proposal date: 06/13/2023 Prepared for Niagara Falls Water Board  
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## Premium Summary

Coverage	Carrier	Expiring Term Premium	Proposed Term Premium
Worker's Compensation	Perma	\$403,083	\$412,186
<b>TOTAL ESTIMATED ANNUAL PREMIUM</b>		<b>\$403,083</b>	<b>\$412,186</b>

### Binding Requirements:

- "Client Authorization To Bind" signed by the insured

### Note:

In evaluating your exposure to loss, we have been dependent upon information provided by you. If there are other areas that need to be evaluated prior to binding of coverage, please bring these areas to our attention. Should any of your exposures change after coverage is bound, such as your beginning new operation, hiring employees in new states, buying additional property, etc., please let us know so proper coverage(s) can be discussed.

Higher limits may be available. Please contact us if you would like a quote for higher limits.

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Proposal date: 06/13/2023 Prepared for Niagara Falls Water Board  
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## USI Disclosures

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**Direct Bill DISCLOSURE:** The Insurance Company operates independently for the financing of your insurance premium. Your agreement to finance this premium is directly with the insurance company and not USI Insurance Services.

If payment is not received by the due date, the insurance company could cancel your insurance policy(s) for non-payment of premium. The insurance company has the right to honor the cancellation date and **NOT** offer reinstatement or rewrite the insurance coverage.

We are not in a position to make monthly reminders or verify that your payment was received. Please take the necessary action to avoid possible cancellation of your insurance policy(s) which you are paying directly to the insurance company.

**Information Concerning Our Fees:** As a licensed insurance producer, USI is authorized to confer with or advise our clients and prospective clients concerning substantive benefits, terms or conditions of insurance contracts, to sell insurance and to obtain insurance coverages for our clients. Our compensation for placement of insurance coverage, unless otherwise specifically negotiated and agreed to with our client, is customarily based on commission calculated as a percentage of the premium collected by the insurer and is paid to us by the insurer. We may also receive from insurers and insurance intermediaries (which may include USI affiliated companies) additional compensation (monetary and non-monetary) based in whole or in part on the insurance contract we sell, which is contingent on volume of business and/or profitability of insurance contracts we supply to them and/or other factors pursuant to agreements we may have with them relating to all or part of the business we place with those insurers or through those intermediaries. Some of these agreements with insurers and/or intermediaries include financial incentives for USI to grow its business or otherwise strengthen the distribution relationship with the insurer or intermediary. Such agreements may be in effect with one or more of the insurers with whom your insurance is placed, or with the insurance intermediary we use to place your insurance. You may obtain information about the nature and source of such compensation expected to be received by us, and, if applicable, compensation expected to be received on any alternative quotes pertinent to your placement upon your request.

**Document Delivery DISCLOSURE:** USI strives to make your interactions with us easy and efficient. Therefore, we intend to deliver your policy and all policy-related documents electronically through our InsurLink client portal or through email. If you do not wish to receive these documents electronically or if you would like a paper copy of any or all documents at no cost to you, please notify your client service representative in writing. If your email or electronic contact information changes, please notify your client service representative in writing.

**Reviewing Client Contracts DISCLOSURE:** As a service to our clients, upon their request, USI will review those portions of your contract regarding the insurance and indemnity requirements as they relate to your insurance program and provide comments and/or recommendations based upon such review. This service should not be taken as legal advice and it does not replace the need for review by the insured's own legal counsel.

This proposal is merely a descriptive summary of coverage provided by the insurance companies being proposed and should be used for reference purposes only; it is not a binder and does not amend or alter the insurance contract. Please refer to the policy contract for specific terms, conditions, limitations, and exclusions.

## Marketing Summary

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This list represents the carriers that were approached to provide a competitive insurance program for your business.

Carrier	Result
Comp Alliance	Declined – See attachment
MEMIC	Declined – first dollar coverage (would only consider large Ded starting at \$500,000)
NY State Insurance Fund	Indication as discussed \$520,000

This proposal is merely a descriptive summary of coverage provided by the insurance companies being proposed and should be used for reference purposes only; it is not a binder and does not amend or alter the insurance contract. Please refer to the policy contract for specific terms, conditions, limitations, and exclusions.

Proposal date: 06/13/2023 Prepared for Niagara Falls Water Board  
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**Process to Report a Loss:**

- 1) Call dedicated USIHotline
- 2) Mention “USI ServiceMaster Elite Preferred Program”

**USI HOTLINE: 800.426.7045**

**PROGRAM OVERVIEW**

<ul style="list-style-type: none"> <li>• ServiceMaster Elite is one of USI’s preferred mitigation service providers in New England and upstate New York.</li> <li>• All First Notice of Claims requiring property damage mitigation services can be directed to ServiceMaster Elite.</li> <li>• Program covers all USI Commercial and Residential clients.</li> </ul>	<ul style="list-style-type: none"> <li>• USI clients will receive prioritized service when “USI - ServiceMaster Elite” program is mentioned.</li> <li>• Ensures client access to a top-class operator with scale and capabilities to provide best-in-class service.</li> <li>• Critical service offering to optimize client loss ratios, premiums, and speed to resuming business or “life” operations.</li> <li>• Daily project management updates, photos and robust documentation on all open claims.</li> </ul>
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24/7 Emergency Services

Water Damage Restoration

Fire Damage Restoration

Content Services

Biohazard Services

Service Consultation

Reconstruction Services

Mold Damage Remediation

USI has had positive experience with ServiceMaster and highly recommends them. Please know other vendors are still available to our clients and we encourage our clients to make a choice in selecting vendors.

This proposal is merely a descriptive summary of coverage provided by the insurance companies being proposed and should be used for reference purposes only; it is not a binder and does not amend or alter the insurance contract. Please refer to the policy contract for specific terms, conditions, limitations, and exclusions.

## Linda Mayflower

---

**From:** Timothy Wroblewski  
**Sent:** Tuesday, May 30, 2023 3:50 PM  
**To:** Linda Mayflower  
**Subject:** Fwd: Niagara Falls Water Board - Comp Alliance

FYI

Get [Outlook for iOS](#)

---

**From:** Shawn Roes <sroes@wrightinsurance.com>  
**Sent:** Tuesday, May 30, 2023 3:18:48 PM  
**To:** Timothy Wroblewski <Timothy.Wroblewski@usi.com>  
**Subject:** Niagara Falls Water Board - Comp Alliance

Good Afternoon Tim, as we discussed, unfortunately the structure of the Niagara Falls Water Board makes them not a fit for the Comp Alliance program. Being a group public entity workers' compensation program the structure of the group only allows us to write members who have taxing authority. The NYS Workers' Compensation Board only allows us to have members in our group with taxing authority which they view as different than an entity who sets rates.

I am so sorry that we couldn't provide you with a quote on this one and really appreciate you submitting this to us.

Thank You,  
Shawn



### Shawn Roes

Assistant Vice President of Marketing

P: 315-506-5133

[www.compalliance.org](http://www.compalliance.org)



Wright Risk Management  
Brown & Brown Insurance

A Division of

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Please remember that insurance coverage cannot be bound, amended, or canceled by leaving an electronic or voicemail message. Thank you.

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**AUTHORIZATION TO PROCEED WITH  
NYPA CLEAN ENERGY SERVICES PROJECT**

**WHEREAS**, the Niagara Falls Water Board (“Water Board”) desires to obtain potential energy savings and other long-term financial benefits for ratepayers and benefits for the environment associated with renewable energy and energy efficiency projects; and

**WHEREAS**, the Water Board has been working with the New York Power Authority (“NYPA”) Distributed Energy Resources Advisory Services (“DER Advisory Services”) group to determine whether it is feasible and would be beneficial to the Water Board to install solar panels at Water Board facilities; and

**WHEREAS**, by Resolution 2022-10-005, the Water Board entered into a Master Cost Recovery Agreement which outlines certain terms and conditions of the relationship between the Water Board and NYPA for such a project; and

**WHEREAS**, after analyzing the Water Board’s properties, NYPA and Water Board staff recommend proceeding with further analysis and potential development of a solar energy system on unused property at the water treatment plant, and NYPA has offered its services to determine the technical and financial feasibility for the site, to develop a request for proposals for the potential project, to procure competitive bids, to assist with the execution of long-term power purchase agreements or other equivalent definitive agreements, and provide project management oversight until commercial operation of the system; and

**WHEREAS**, to proceed with this work, NYPA requires that the Water Board execute a formal authorization to proceed dated May 22, 2023, which represents the Water Board’s commitment to proceed with a solar project at the water treatment plant site should it receive viable responses from a prospective vendor and obligates the Water Board to pay a fee not to exceed \$28,119 to NYPA in certain circumstances to cover part of NYPA’s costs for the services it will render to the Water Board, which otherwise will be covered by the selected developer;

\* CONTINUED ON NEXT PAGE \*

**NOW THEREFORE BE IT**

**RESOLVED**, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to execute the May 22, 2023 authorization to proceed for the New York Power Authority to render services to the Water Board related to the development of a solar energy system at the Water Treatment Plant.

*Water Board Personnel Responsible for Implementation of this Resolution:*  
Executive Director

*Water Board Budget Line or Capital Plan Item with Funds for this Resolution:*  
Not applicable.

On July 24, 2023, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Asklar	[ ]	[ ]	[ ]	[ ]
Board Member Kimble	[ ]	[ ]	[ ]	[ ]
Board Member Larkin	[ ]	[ ]	[ ]	[ ]
Board Member Leffler	[ ]	[ ]	[ ]	[ ]
Chairman Forster	[ ]	[ ]	[ ]	[ ]

Signed By:

Vote Witnessed By:

---

Nicholas J. Forster, Chairman

---

Sean W. Costello, Secretary to Board



May 22, 2023

Dr. Abderrahman Zehraoui  
Executive Director  
Niagara Falls Water Board  
5815 Buffalo Avenue  
Niagara Falls, NY 14304

**Re: Authorization to Proceed for Niagara Falls Water Board – Clean Energy Services**

The New York Power Authority (NYPA) is pleased to offer its advisory services and assistance to the Niagara Falls Water Board (NFWB) in the development and analysis of Solar Photovoltaic (PV) systems, with the potential of incorporating battery energy storage systems (BESS), at its sites. NFWB seeks to engage NYPA to evaluate potential solar PV systems at its 5815 Buffalo Avenue location. These services include performing preliminary technical and financial feasibility for the site, develop a Request for Proposals (RFP), procure competitive bids, assist with the execution of long-term Power Purchase Agreements (PPAs) or other equivalent definitive agreements, and provide project management oversight until commercial operation of this system. This Authorization to Proceed (ATP) authorizes NYPA to extend services to any other locations that NFWB appends to the portfolio. NYPA is committed to working with NFWB to incorporate clean energy and provide customized advisory services.

Commitment to Proceed

Execution of this authorization indicates your commitment to proceed with these projects should NFWB determine that viable responses from prospective vendors have been received.

Upon receipt of this signed ATP, NYPA will create a Request For Proposal (RFP) for your review prior to issuance to developers. This RFP will be issued for all services required to design, install, and operate solar PV and energy storage systems for NFWB.

The Authority Program Fee (APF) for this project includes a base cost of \$187,4600 for the 5815 Buffalo Avenue locations, and \$60,000 per MW for projects at other sites NFWB chooses to append to the portfolio. The fee shall be paid to NYPA by the Selected Developer after the RFP process has been completed and as projected completion milestones are achieved. In the event that (i) eighteen (18) months after the selection of the solar developer(s) no project has received permits sufficient for the selected developer to begin construction; (ii) NFWB notifies the Authority that NFWB no longer wishes to proceed with developing any project or (iii) NYPA is unable to fully recover the APF, then NFWB agrees to pay NYPA the maximum amount of \$28,119.

May 22, 2023

Dr. Abderrahman Zehraoui

Re: **Authorization to Proceed for Niagara Falls Water Board – Clean Energy Services**

Upon receipt of this signed ATP, NYPA will create an RFP.

NYPA looks forward to working together to make this project a success.

Sincerely,

Authorization to Proceed,

-----

-----

Joe Rende  
Sr. Director, Key Account Management  
New York Power Authority

Dr. Abderrahman Zehraoui  
Executive Director  
Niagara Falls Water Board



**NY Power  
Authority**

# **New York Power Authority Distributed Energy Resources Advisory Services**

# DER Advisory Services

Helps navigate scoping, design, and implementation of clean energy projects



**Statewide  
Contract**



**Feasibility  
Studies**



**Design Build**



**Customer  
Applications**

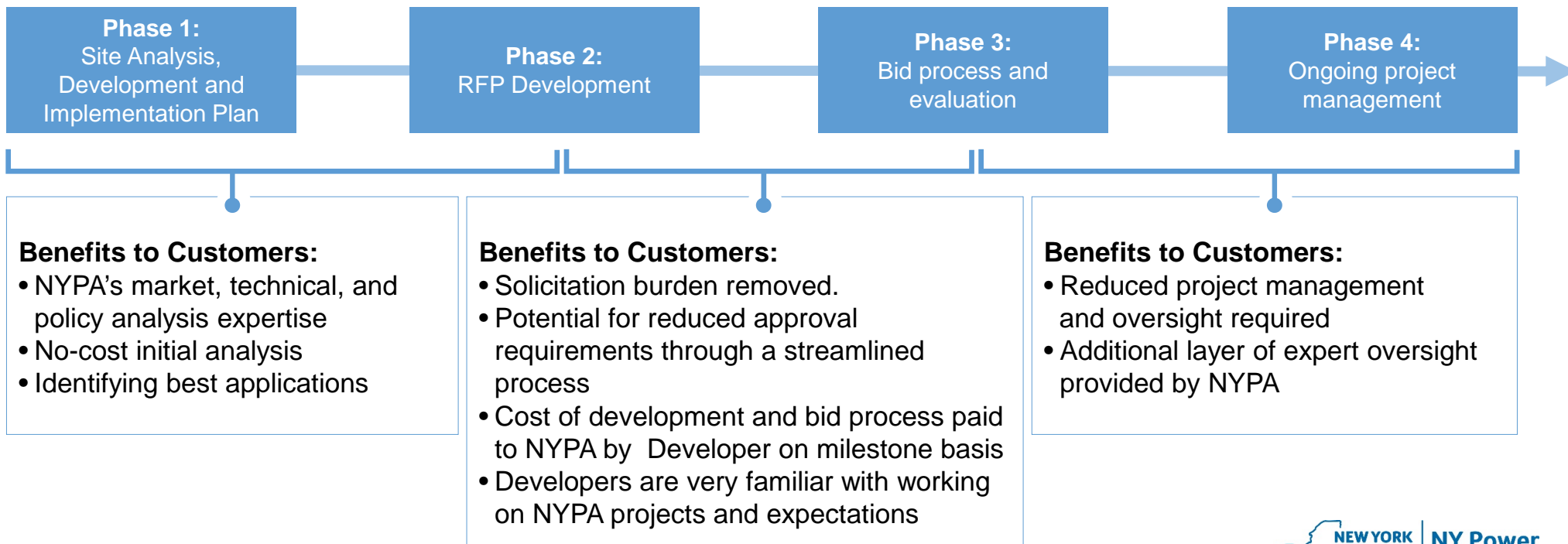
## Managed Services

- Streamlined program structure
- Policy and regulatory oversight
- Goal Planning
- Standardized contracts and pre-approved solar vendors
- Feasibility assessments and conceptual site designs
- Complete economic analysis of tariff rates and utility data
- Development of project Scope of Work
- Evaluation of Proposals
- Specialized procurement administration process



# NYPA DER team manages projects from inception to completion

Advisory Services are delivered through a phased approach, and add value at every phase in the process



# Clean Energy Development

Currently over 30 individual customers are implementing renewable projects through NYPA's DER Advisory Services

## Examples of some Customers we are currently working with:

- NYS Office of General Services
- New York State Parks, Recreation & Historic Preservations
- NYS Department of Corrections & Community Supervision
- State University of New York – 8 Individual campuses
- The City of New York (DCAS)
- NYC Department of Environmental Protection
- Metropolitan Transportation Authority (MTA)
- Jacob K. Javits Convention Center
- Port Authority of the State of New York and New Jersey
- Westchester County

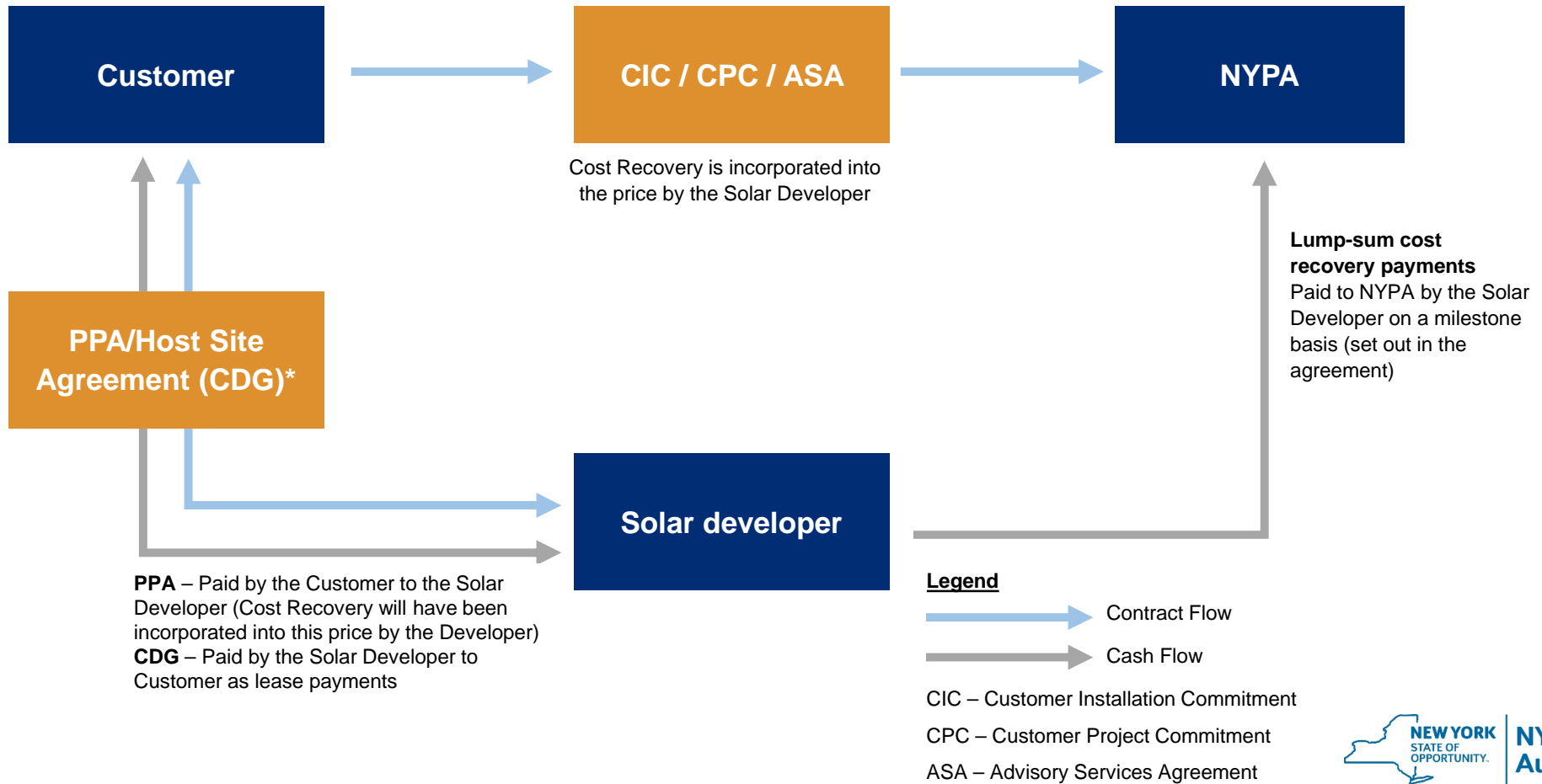


**Over 325 MW in  
Development  
across NYS**





# Standard DER Advisory Services Contract Structure



# Electric Baseline of Organization

**\$378,969.25** Annual Expenditure on National Grid Transmission and Delivery (not including NYPA Supply \$)

**23,825,479.00** kWh/year (2022)

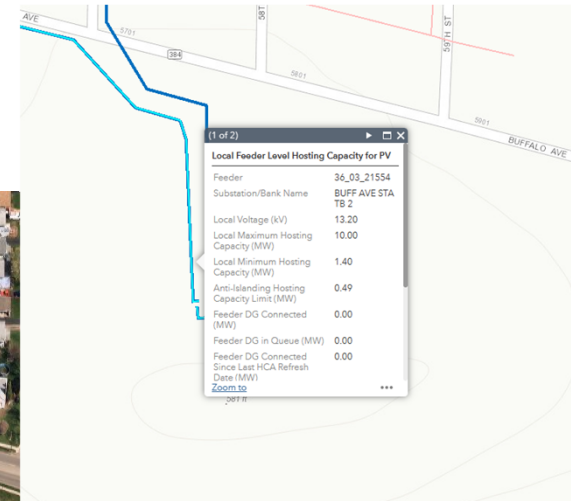
NYPA Supply cost not included. Supply costs are not available to be offset by Solar VDER Tariff.

**Project Intent:**

Build On-site Solar PV to generate VDER Credits to off set \$378,969 of delivery portion of Utility Bill.



# 5815 Buffalo Avenue



### Local Feeder Level Hosting Capacity for PV

Substation/Bank Name	BUFF AVE STA
Feeder	36_03_21554
Local Voltage (kV)	13.20
Local Maximum Hosting Capacity (MW)	10.00
Local Minimum Hosting Capacity (MW)	5.20





# 5815 Buffalo Avenue



## Preliminary Solar Design

	Capacity	Annual Production	kWh/kWp
<b>Field Segment 1</b>	1.66 MW	1.875 GWh	1,126.8
<b>Field Segment 2</b>	638.8 kW	720.5 MWh	1,127.8
<b>Field Segment 3</b>	631.8 kW	712.5 MWh	1,127.7

**Total System Capacity: 2.93 MW**



# Value Stack Compensation

- **Annual NFWB utility expenditure (2022): \$379,000**
- Value of Distributed Energy Resources (VDER) compensation under Remote Crediting (RC)
  - NFWB can utilize VDER credits up to 110% of its annual NGRID utility expenditure
  - NFWB's total annual energy expenditure exceeds sites' total projected compensation

Annual Production & Value (Year 1)			
	Total Production	Average VDER Rate	Total VDER Value
5815 Buffalo Avenue 463kW	3,304,000 kWh	\$0.09/kWh	\$297,000

# Contracts

- Power Purchase Agreement (PPA)
- System is built, owned, and operated by developer
- NFWB commits to purchase all the power from the solar field(s) at a PPA rate \$/kWh (either fixed over life of agreement or annual % increase)
  
- Capital Project
- NFWB Builds project and savings pay for project



# Niagara County Solar Law

Niagara County became the first local government in the nation to pass a local law requiring producers to finance solar panel recycling.

Beginning August 1, 2022, no manufacturer, distributor, retailer or installer may sell or offer for sale a solar panel in Niagara County unless the manufacturer is in full compliance with Niagara County Local Law No.4.

Some suppliers have been approved and many are in process of getting approved. Solar companies are responding to bids in Niagara County



# Next Steps

- Execute Authorization to Proceed
- Execute Customer Project Commitment
- Issue Request for Proposals
  - Include all identified potential project sites
  - Include option for energy storage





**PROCUREMENT OF WATER MAIN VALVES AND HYMAX CLAMPS**

**WHEREAS**, the Niagara Falls Water Board (“Water Board”) maintains a water distribution system which consists of approximately 260 miles of watermain piping and approximately 5,000 valves; and

**WHEREAS**, over time, valves fail and must be replaced to prevent leaks and be able to control flows or isolate sections of the distribution system for repair or replacement, and the outside maintenance crews utilize Hymax clamps during valve replacements to connect replaced valves with water mains; and

**WHEREAS**, to obtain the parts required for valve replacements which are known to be necessary, the Water Board obtained a quotation dated May 31, 2023 from Core and Main, Inc., the firm awarded the bid to supply these materials pursuant to Resolution 2022-07-001 (Bid No. W2022-01), for \$30,326.04; and

\* CONTINUED ON NEXT PAGE \*

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board authorizes the procurement of valves and Hymax clamps from Core & Main, Inc., pursuant to that firm’s quote dated May 31, 2023 and for an amount not to exceed \$30,326.04.

*Water Board Personnel Responsible for Implementation of this Resolution:*  
Executive Director

*Water Board Budget Line or Capital Plan Item with Funds for this Resolution:*  
CIP Item No. W-3, Large Valve Replacement  
Capital Line Supplied by: M. Eagler  
Available Funds Confirmed by:

On July 24, 2023, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Asklar	[ ]	[ ]	[ ]	[ ]
Board Member Kimble	[ ]	[ ]	[ ]	[ ]
Board Member Larkin	[ ]	[ ]	[ ]	[ ]
Board Member Leffler	[ ]	[ ]	[ ]	[ ]
Chairman Forster	[ ]	[ ]	[ ]	[ ]

Signed By:

Vote Witnessed By:

\_\_\_\_\_  
Nicholas J. Forster, Chairman

\_\_\_\_\_  
Sean W. Costello, Secretary to Board



# Bid Proposal for NIAGARA FALLS WATER BOARD VALVES AND HYMAX VERSA

<b>CUSTOMER</b>	<p><b>NIAGARA FALLS WATER BOARD</b>          1200 BUFFALO AVE          NIAGRA FALLS, NY 14303</p>	<p><b>Job</b>          NIAGARA FALLS WATER BOARD VALVES AND HYMAX VERSA          Bid Date: 05/26/2023          Bid #: 2945923</p>
	<p><b>Sales Representative</b>          Scott Little          (M) 716-535-0799          (T) 716-625-8666          Scott.Little@coreandmain.com</p>	<p><b>Core &amp; Main</b>          650 West Ave          Lockport, NY 14094          (T) 716-625-8666</p>
<b>CONTACT</b>		
<b>NOTES</b>		



Bid Proposal for NIAGARA FALLS WATER BOARD VALVES AND HYMAX VERSA

**NIAGARA FALLS WATER BOARD**

**Bid Date:** 05/26/2023

**Core & Main** 2945923

**Core & Main**

650 West Ave

Lockport, NY 14094

**Phone:** 716-625-8666

Seq#	Qty	Description	Units	Price	Ext Price
		<b>DUE TO CURRENT SUPPLY CHAIN DISRUPTIONS, MATERIALS ARE SUBJECT TO PRICING AT TIME OF SHIPMENT. MATERIAL AVAILABILITY AND TIMELINESS OF SHIPMENTS CANNOT BE GUARANTEED. THIS TERM SUPERSEDES ALL OTHER CONTRACTUAL PROVISIONS.</b>			
10	6	8 A2362-23 MJ RW GV OL L/ACC	EA	1,833.00	10,998.00
20	4	10 A2362-23 MJ RW GV OL L/ACC	EA	2,858.01	11,432.04
30	4	12 MJ BUTTERFLY VLV ON PRATT	EA	1,974.00	7,896.00
				<b>Sub Total</b>	<b>30,326.04</b>
				Tax	0.00
				<b>Total</b>	<b>30,326.04</b>

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: <https://coreandmain.com/TandC/>

**MILTON CAT CHANGE ORDER FOR WATER TREATMENT PLANT  
GENERATOR CONTROL UPGRADE PROJECT**

**WHEREAS**, the Niagara Falls Water Board (“Water Board”) Water Treatment Plant (“WTP”) is equipped with two CAT brand emergency backup generators sufficient to maintain vital operations in the event of a power failure to the WTP; and

**WHEREAS**, these generators are original to the WTP and from time to time require repairs and refurbishment to continue to provide reliable emergency backup power; and

**WHEREAS**, in Resolution 2023-02-003, the Water Board approved a \$259,789 proposal from Milton CAT to supply equipment and a \$49,889 proposal from Ferguson Electric to supply labor and material necessary to upgrade the generator and switchgear controls, which originally were constructed in 1995, lack readily available replacement parts, and are technologically obsolete; and

**WHEREAS**, after a recent site visit by Milton CAT, two desirable additions to the approved scope of work were identified, and Milton CAT has presented a proposed change order with pricing based off of Sourcewell Contract No. 120617-CAT, from which the Water Board is authorized to make procurements pursuant to General Municipal Law § 103(16) and which provides a discount off of normal prices, to add these items to the scope of work for a total of \$38,728; and

**WHEREAS**, one of the changes covered by the proposed change order is to update the controls on a transfer switch that has been associated with generator issues in the past, and the other change is to add a remote touchscreen interface in the WTP control room, so the operator on duty can monitor the status of the generators and switchgear without having to go to the generator building, which will enhance the operators’ ability to control operations in the event of an outage; and

**WHEREAS**, a portion of the work described in this resolution may be eligible for reimbursement pursuant to the Water Board’s Drinking Water State Revolving Fund Grant No. 19056;

\* CONTINUED ON NEXT PAGE \*

**NOW THEREFORE BE IT**

**RESOLVED**, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to pay to Milton CAT an additional amount not to exceed \$38,728 to complete the scope of work set forth in that firm’s proposal dated July 11, 2023, with this sum being in addition to the \$259,789 previously approved for that firm’s work on the Water Treatment Plant Generator Control Upgrade Project.

*Water Board Personnel Responsible for Implementation of this Resolution:*  
Executive Director

*Water Board Budget Line or Capital Plan Item with Funds for this Resolution:*  
Capital Line WTP-6.2, Emergency Backup Generator Upgrades  
and NYS EFC DWSRF Grant No. 19056  
Capital Line Supplied by: D. Williamson

On February 27, 2023, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Asklar	[ ]	[ ]	[ ]	[ ]
Board Member Kimble	[ ]	[ ]	[ ]	[ ]
Board Member Larkin	[ ]	[ ]	[ ]	[ ]
Board Member Leffler	[ ]	[ ]	[ ]	[ ]
Chairman Forster	[ ]	[ ]	[ ]	[ ]

Signed By:

Vote Witnessed By:

\_\_\_\_\_  
Nicholas J. Forster, Chairman

\_\_\_\_\_  
Sean W. Costello, Secretary to Board



Milford, MA  
 Batavia, NY  
 North Reading, MA

Londonderry, NH  
 Binghamton, NY  
 Richmond, VT

Clifton Park, NY  
 Brewer, ME  
 Wareham, MA

Syracuse, NY  
 Scarborough, ME  
 Cranston, RI

**TO:** Niagara Falls Water Board  
**ATTN:** Russell DeFranco

**Opp:** 21-27423 CO1  
**DATE:** 7/11/23

**PROJECT**

**Change - Generator and Switchgear Modernization - Sourcewell Member #87692**

We are pleased to present you with a change order on the upgrade of your generator and switchgear. The changes below will add new controls to TS-3 and a remote operator station for the operators in the control room.

Change summary:

- Replace Caterpillar EMCP 4.4 Controllers with DIEF controls
- Add Remote HMI for control room
  - 15" HMI
  - Wall mount enclosure
- Add DIEF TS-3 Controls
  - DIEF AGC-4 Mains Controller
  - Sync Check
  - CAN Converter
- Additional Engineering and as built drawings for new system

Additional Cost	\$	40,767	
Sourcewell Discount	5%	\$ (2,039)	
Net Price			\$ 38,728
		<b>Net Price, F.O.B. Job Site/Tailgate</b>	<b>\$ 38,728</b>



*Customer Requirements:*

- All running of wires is by others, a list of wires needed will be provided after engineering is complete
- Anything not specifically mentioned in this proposal is excluded
- All third-party testing is excluded
- All NETA Testing is excluded
- All permits, fees, permissions, registrations, and inspections are excluded
- All fuel and DEF, including fuel and DEF for any rental generators is excluded
- All arc flash studies are excluded
- All coordination studies are excluded
- All Ground Fault and Arc Flash testing and studies are excluded
- Milton Cat reserves the right to correct errors and omissions
- Videotaping of training provided by Milton CAT technicians is strictly prohibited
- Federal, state, and local code compliance is strictly the responsibility of the owner
- Buyer may not cancel a purchase order or return equipment without Milton Cat's written consent
- Customer electrician required for connection of load banks and rental generators, the same transformer is to be used to connect load bank and rental generator
- Customer responsible for completing full preventative maintenance on switchgear power envelope (breakers, bus bar, etc) prior to start of project
- No warranty on existing equipment has been expressed or implied, all existing equipment is assumed to be functional. A quote will be issued for any components that are found to be not functional
- Existing customer system interfacing is the customers sole responsibility for proper functional interface with new equipment
- No background checks, drug tests, health screenings, or safety training is included in this proposal
- All documentation will be delivered in electronic format
- Customer to provide free and clear access to all generators and switchgear, some work may happen outside of normal business hours, days longer than 8 hours, and over weekends
- Prevailing Wages are included
- No modifications to ATS's are included
- Engine, Switchgear, and surrounding areas must be free and clear of oil, glycol, dirt, and debris for safety and reduced contamination





**Payment Terms:**

**Pricing is based on CAT Sourcewell Contract #120617-CAT.**

With Credit Department Approval – Net 30 Days

Sales tax is not included.

Credit card payments are not accepted.

**This is a quotation on the goods named above and subject to the conditions noted herein:**

The estimate provided to you is based on what can be reasonably observed by a Milton Cat Product Support Representative. If, during actual repairs, additional worn or failed components are discovered, you will be contacted with an updated estimate that will include a breakdown of additional parts and/or labor. No additional repairs will be made without the customers signed approval. Transportation, freight, tax, miscellaneous supplies, and environmental charges are not included unless otherwise noted. We greatly appreciate the opportunity to estimate this repair for you and look forward to providing you the best service in the industry.

This price is firm for thirty (30) days. Please see attached Terms and Conditions. Please note sales tax, if applicable, is not included in our price. We appreciate this opportunity to quote you on your equipment requirements and hope to be favored with your valued order.

We look forward to serving your future purchase and/or rental needs.

Sincerely,

*Justin Peterson / Product Support Consultant / Cell: (603) 260-3568 / Email: Justin\_Peterson@miltoncat.com*



**CHANGE ORDER FOR PROJECT 6 ENGINEERING SERVICES  
AGREEMENT - SODIUM HYPOCHLORITE TANK, SECONDARY CONTAINMENT,  
PUMPING, PIPING, AND CONTROLS**

**WHEREAS**, the Niagara Falls Water Board (“Water Board”) retained AECOM for design and construction engineering services to implement improvements to its effluent disinfection system in connection with a wastewater treatment plant project referred to as “Project 6”; and

**WHEREAS**, the construction work associated with the original scope of work for Project 6 is complete, but the Water Board has identified a need for additional improvements related to the effluent disinfection system, to wit, replacement of Sodium Hypochlorite Storage Tank 216 which is near the end of its useful life, addition of two sodium hypochlorite addition pumps to add that chemical to the carbon filter backwash, and associated pumps, piping, electrical, and control work; and

**WHEREAS**, AECOM was requested to submit a proposal to perform this added scope of work pursuant to the terms of its contract for WWTP Project 6; and

**WHEREAS**, AECOM has proposed to complete the design and construction engineering services required for the sodium hypochlorite tank, secondary containment, pumping, piping, and control work as a change order to its Project 6 contract for a total additional fee not to exceed \$99,852; and

**WHEREAS**, the Water Board secured grant funds and loan financing from Environmental Facilities Corporation under Project No. C9-6603-14-00 which will offset a portion of the cost of this work;

\* CONTINUED ON NEXT PAGE \*

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board be and is hereby authorized to execute a change order to AECOM’s contract for WWTP Project 6 to complete the design and construction engineering services required for the sodium hypochlorite tank, secondary containment, pumping, piping, and control work project for a total additional fee not to exceed \$99,852.

*Water Board Personnel Responsible for Implementation of this Resolution:*  
Executive Director

*Water Board Budget Line or Capital Plan Item with Funds for this Resolution:*  
CIP Item No. WWTP-13, Chemical Bulk Storage

On July 24, 2023, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Asklar	[ ]	[ ]	[ ]	[ ]
Board Member Kimble	[ ]	[ ]	[ ]	[ ]
Board Member Larkin	[ ]	[ ]	[ ]	[ ]
Board Member Leffler	[ ]	[ ]	[ ]	[ ]
Chairman Forster	[ ]	[ ]	[ ]	[ ]

Signed By:

Vote Witnessed By:

\_\_\_\_\_  
Nicholas J. Forster, Chairman

\_\_\_\_\_  
Sean W. Costello, Secretary to Board

June 28, 2023

Mr. Douglas Williamson, PE  
Director of Technical & Regulatory Services  
Niagara Falls Water Board  
5815 Buffalo Avenue  
Niagara Falls, NY 14304

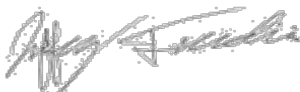
Subject: Proposal for NFWB Wastewater Treatment Plant (WWTP)  
Sodium Hypochlorite Improvements

Dear Mr. Williamson:

The Niagara Falls Water Board (NFWB) is continually executing multiple capital improvement projects on its wastewater treatment plant (WWTP) and other infrastructure to deliver high-quality services to its customers. AECOM has a unique familiarity with many of the NFWB WWTP unit processes that present opportunities for efficiency and comprehensive evaluations. Since 2017, AECOM has been evaluating process operations, providing technical support to improve treatment performance, and most recently providing design and construction services. Our experience has allowed us to understand processes within the WWTP and how those processes are interdependent. We look forward to using this experience as we work with you and your team to evaluate and implement improvements to the sodium hypochlorite storage and carbon filter backwash water chlorination systems.

AECOM is fully committed to support the NFWB on this project and we look forward to discussing our proposal and approach. This proposal is conditioned upon execution of an agreement with terms that are consistent with our Project 6 Effluent Disinfection Upgrades project contract. Please contact Jeff Tudini at 716-868-4306 or [jeffrey.tudini@aecom.com](mailto:jeffrey.tudini@aecom.com) if you have any questions or need additional information. Thank you for your consideration

Sincerely yours,  
AECOM USA, Inc.



Jeff Tudini  
Project Manager



John L. Albrecht  
Vice President, Operations Manager, Northeast Water

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# Table of Contents

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**ATTACHMENTS:**

1. Cost Table

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# Sodium Hypochlorite Storage Tank, Secondary Containment, and Backwash Sodium Hypochlorite Pumps, Piping, and Controls

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## Purpose

The purpose of this project is to provide engineering design and construction phase services for the following wastewater treatment plant (WWTP) improvements:

- Sodium Hypochlorite Storage Tank 216 Replacement – including provisions for secondary containment in accordance with New York State Chemical Bulk Storage (NYS CBS) Regulations (6 NYCRR 596 – 599).
- Two (2) new sodium hypochlorite addition pumps to add sodium hypochlorite to the carbon filter backwash water including pumps, piping, electrical, and controls.
- Related improvements in the Odor Control Building to facilitate the above work including restoration or replacement of the Tank 216 secondary containment, relocating piping and related facilities as necessary.

As reported to us by NFWB, the work is necessary because Tank 216 is reaching the end of its service life as determined by the most recent 5-year Chemical Bulk Storage (CBS) inspection report prepared by EnSol Engineering and Environment. The existing Tank 216 relies upon a concrete/masonry secondary containment dike that has experienced coating failure, and as a result the containment is not liquid tight. The New York State CBS regulations require that secondary containment be provided for sodium hypochlorite storage tanks.

In addition to replacement of Tank 216, the NFWB plans to replace the two (2) peristaltic pumps that deliver sodium hypochlorite to the carbon filter backwash water that helps clean the filter underdrains and support media. The current pumps are near the end of their life and the variable frequency drives (VFDs) and controls are not reliable.

A total of eight (8) sodium hypochlorite pumps are located within the same containment dike that provides secondary containment for Tank 216. The eight (8) pumps are as follows:

- Four (4) sodium hypochlorite pumps used for effluent disinfection,
- Two (2) sodium hypochlorite pumps used for filter backwash (slated for replacement)
- Two (2) sodium hypochlorite pumps used for primary effluent chlorination.

As a result of replacing Tank 216 and the need for providing secondary containment for Tank 216 and the above pumps, a significant amount of relocation and/or rework of pumps and piping will be necessary in order to facilitate the installation of a new Tank 216 and the necessary secondary containment.

## Scope of Project

The work will include the evaluation and implementation of the following:

- Replacement for Tank 216 of similar capacity using either a double walled tank, or the existing containment dike. The design will consider necessary relocation/rework of existing facilities to accommodate the secondary containment upgrades.
  - The existing secondary containment will be modified by creating a shallow sump that will serve as a low point with which to pump any accumulated liquid out of the containment area.
  - If the existing secondary containment dike is retained a lining system will be specified for making the dike liquid tight.
  - A review of the options for double walled tank replacement versus single wall tank with containment dike improvements will be conducted and reviewed with the NFWB ahead of advancing the system improvement design.
- Two (2) new positive displacement peristaltic pumps with variable frequency drives sized for both backwash water chlorination, and carbon filter high-strength dosing with sodium hypochlorite for occasional cleaning of the underdrain and gravel. Ancillary features will include:
  - New pressure reliefs to prevent pipeline over pressurization (pump running against deadheaded piping)
  - Piping and valves (manual) in the vicinity of the pumps to allow either pump to provide sodium hypochlorite to either filter backwash pump.
  - Wiring and controls to allow for remote automatic operation of the two sodium hypochlorite backwash pumps by the filter operator during filter backwash.
  - Two (2) automated control valves located at the point where the sodium hypochlorite flows into the filter backwash piping that will open and close based on when backwash cycles are initiated via SCADA programming. These valves will prevent backflow of filter backwash water into the NaOCl piping.
  - An ancillary suction side pipe that terminates in the secondary containment sump that will facilitate draining the secondary containment by pumping accumulated sodium hypochlorite into the filter backwash water.
  - The valves used to determine which pump delivers NaOCl to the Train A or Train B filters will be manually operated and it is up to the operator to confirm that a proper flow path is provided. In the event the pump is run deadheaded, the pressure relief valves will minimize pipe over pressurization and damage.



## Design Phase Services

AECOM will provide the following design phase deliverables:

- Drawings:
  - M-1 – Process Piping Schematic Drawing
  - M-2 – Process Storage Tank, Pump and Piping Plan and Section
  - E-1 – Electrical Power, Instrumentation and Control Plan Drawing with Conduit and Conductor Schedule
  - I-1 – Piping and Instrumentation Diagram
- Bill of Material – Bill of Material for Pumps, Piping, Valves, Relief Valves, VFDs
- Specifications – Where necessary for items not covered in Bill of Materials and will include:
  - Project sequencing which is a written schedule identifying project construction phasing to facilitate ongoing plant operations during construction.
  - Sequence of Operations – Written (text) sequence of operations that will be followed by the system integration contractor to terminate the various instruments and controls and program the operating sequence into the supervisory control and data acquisition (SCADA) system.
- Three (3) project meetings are planned for: project kick-off, design progress review at proximately 90%, and final (100%).

The project will be set up with two contracts one for mechanical and one for electrical work. Following completion of the design phase deliverables AECOM will prepare a notice to bidders for publication by the NFWB and will conduct a pre-bid meeting for contractors at the site. This will likely include mechanical and electrical contractors. AECOM will respond to questions or clarifications posed by contractors that arise during the bid phase. AECOM will review contractor bids and provide comments on bidder's submittals concerning responsiveness to the Request for Bids.

## Construction Phase Services:

During construction AECOM will provide the following services:

- Review submittals, including resubmittals (assume up to 15 submittals will be reviewed).
- Respond to questions (Response to up to 20 questions is assumed),
- Issue clarifications (Review of 10 RFI's are assumed),
- Inspect work (includes up to 8 site visits has been assumed),
- Document construction progress based on site visits observations. Progress reports will be provided to NFWB via email,
- Recommend progress payments (up to 4 progress payments have been assumed),
- Assist with system startup and testing consisting of 2 site visits observing filter backwashing and operation of the sodium hypochlorite pumps to convey chemical to the backwash water inlet,
- Assist with training NFWB operations and maintenance personnel on system operations and maintenance, (up to 16 hours has been budgeted)

- Prepare record drawings that reflect the completed construction.

Assumptions:

- Contractor will provide redline drawings of the changes made during construction.
- Cost estimation is not included in this scope.
- SCADA integration will be performed by others.

## Budget Estimate

See attached Table 2 for a detailed summary of manhours and costs for this project. We recommend NFWB establish a budget of \$99,852 for these services. AECOM will invoice NFWB monthly based on work completed in the billing period. AECOM has made the following assumptions in development of this project budget:

- The terms and conditions of our existing agreement will be used for this scope of services.
- Construction inspection will be performed on a part-time basis. AECOM will work with the contractor in an attempt to observe work at key milestones. Note that AECOM will not be able to observe work conducted in our absence.
- During his typical three-day-per week site visits performed by Dr. Goeddertz as part of the Onsite Environmental Monitoring (OEM) services, AECOM will observe and document construction progress. These costs will be carried by the OEM contract services as Dr. Goeddertz is already on-site for that project.
- We have assumed the construction will occur simultaneously with Dr. Goeddertz existing OEM services at the facility.

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# Project Team

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The key project team is identified below in Table 1.

**Table 1: Proposed Project Staff**

<b>Name</b>	<b>Role</b>	<b>Experience</b>
Jeffrey Tudini	Project Manager and Process Engineer	Jeffrey (Jeff) will serve as Project Manager for these projects. Jeff has 16-years of experience as a consultant in industrial and municipal wastewater treatment including serving as the lead engineer for the NFWB biological treatment pilot and capital improvement design Project 1 (Sedimentation Basin and Scum Collection Modifications).
John Goeddertz, PhD	Sr. Project Engineer	John will provide senior technical guidance. He has over 30-years of experience as a municipal and industrial wastewater consultant, including multiple evaluations and designs for the NFWB WWTP.
Jordan Radomski	Project Engineer	Jordan will provide project engineering and AutoCAD drafting for the project. He has over 5 years of experience as a consultant in municipal wastewater treatment including assisting with multiple projects at the NFWB WWTP and capital improvement design Project 6 (Carbon Filter Media and Gravel Replacement).
Dan Casper	Staff. Engineer	Dan graduated the University at Buffalo with bachelor's degree in Environmental Engineering. Dan will assist the project with CAD and design support.

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## Project Schedule

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AECOM will work with the NFWB staff to schedule a kickoff meeting upon receipt of written authorization to proceed (i.e., purchase order). AECOM proposes to complete the design documents within 10-weeks of project kickoffs. The construction phase services are estimated to be approximately 10 months after the contracts are in place for construction. Of this time, six (6) months are allotted for equipment and material lead time, and four (4) months for actual construction duration.

**TABLE 2**  
**Niagara Falls Water Board**  
**AECOM - Cost Proposal Summary Form**  
**Sodium Hypochlorite Storage Tank, Secondary Containment, and Backwash Sodium Hypochlorite Pumps, Piping, and Controls**

Item	Labor Hours						Other Direct Costs (Vehicle Mileage, Printing, Supplies, Subcontractor Markup, Shipping,) All at COST plus 5%	Total Cost (Labor + ODCs)
	QA/QC	Project Manager	Senior Project Engineer I	Project Engineer	CAD	Total		
	Cost per Hour-> \$250	\$168	\$219	\$93	\$82			
<b>Task 1 – Design Phase Services</b>								
Prepare Design Documents	4	16	116	96	220	452	\$200	\$56,336
<b>Subtotal Hours</b>	<b>4</b>	<b>16</b>	<b>116</b>	<b>96</b>	<b>220</b>	<b>452</b>		
<b>Subtotal Cost</b>	<b>\$998</b>	<b>\$2,690</b>	<b>\$25,417</b>	<b>\$8,970</b>	<b>\$18,060</b>	<b>\$56,136</b>	<b>\$200</b>	<b>\$56,336</b>
<b>Task 2 – Construction Phase Services</b>								
Bid Phase Assistance	0	4	16	8	0	28	\$0	\$4,926
Construction Inspection	0	8	40	158	0	206	\$500	\$25,373
Construction Administration (shop drawing review, respond to questions, pay applications, etc.)	0	16	16	40	40	112	\$0	\$13,217
<b>Subtotal Hours</b>	<b>0</b>	<b>28</b>	<b>72</b>	<b>206</b>	<b>40</b>	<b>346</b>		
<b>Subtotal Cost</b>	<b>\$0</b>	<b>\$4,707</b>	<b>\$15,776</b>	<b>\$19,249</b>	<b>\$3,284</b>	<b>\$43,016</b>	<b>\$500</b>	<b>\$43,516</b>
<b>TOTAL HOURS</b>	<b>4</b>	<b>44</b>	<b>188</b>	<b>302</b>	<b>260</b>	<b>798</b>		
<b>TOTAL COST</b>	<b>\$ 998</b>	<b>\$ 7,397</b>	<b>\$ 41,193</b>	<b>\$ 28,219</b>	<b>\$ 21,344</b>	<b>\$ 99,152</b>	<b>\$700</b>	<b>\$99,852</b>

*NIAGARA FALLS WATER BOARD RESOLUTION # 2023-07-006*

**AWARD BID FOR WATER TREATMENT PLANT ROOF REPLACEMENT**

**WHEREAS**, the roof on the Niagara Falls Water Board (“Water Board”) Water Treatment Plant (“WTP”) is original to that building which was completed in 1997 and is outside of its warranty period; and

**WHEREAS**, the Water Board solicited bids for the replacement of the WTP roof replacement with the assistance of CPL, its engineers; and

**WHEREAS**, the roof replacement bid was organized to include a base bid for a defined area of the main building’s roof, plus alternates for additional sections of roof; and

**WHEREAS**, the bid also had alternates for the price to replace each section of roof with a 30-year warranty versus a 20-year warranty; and

**WHEREAS**, four bids were received, and CPL recommends awarding the bid alternates for replacement of all roof areas with a 30-year warranty, specifically bid alternates 1, 8, 9, 10, 11, 12, and 13, to low bidder Weaver Metal and Roofing, Inc., for a total sum not to exceed \$3,362,000; and

**WHEREAS**, the Water Board is applying for grant funding under the WIIA program to offset the cost of this work;

\* CONTINUED ON NEXT PAGE \*

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board hereby authorizes the Executive Director to enter into a contract with Weaver Metal and Roofing, Inc., for Water Treatment Plant Replacement bid alternates 1, 8, 9, 10, 11, 12, and 13, for a total sum not to exceed that firm's bid of \$3,362,000.

*Water Board Personnel Responsible for Implementation of this Resolution:*  
Executive Director

*Water Board Budget Line or Capital Plan Item with Funds for this Resolution:*  
CIP Item No. WTP-5, WTP Roofing  
Capital Line Supplied by: D. Williamson  
Per B. Majchrowicz, source of funds may be use of Treasury funds.

On July 24, 2023, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Asklar	[ ]	[ ]	[ ]	[ ]
Board Member Kimble	[ ]	[ ]	[ ]	[ ]
Board Member Larkin	[ ]	[ ]	[ ]	[ ]
Board Member Leffler	[ ]	[ ]	[ ]	[ ]
Chairman Forster	[ ]	[ ]	[ ]	[ ]

Signed By:

Vote Witnessed By:

---

Nicholas J. Forster, Chairman

---

Sean W. Costello, Secretary to Board



July 17, 2023

Dr. Abderrahman Zehraoui  
Executive Director  
Niagara Falls Water Board  
5815 Buffalo Avenue  
Niagara Falls, New York 14304

**Re: Water Treatment Plant Roof Reconstruction  
5815 Buffalo Avenue – Niagara Falls, New York 14304**

Dear Dr. Zehraoui:

CPL was present during the opening of sealed bids for the above referenced project on Wednesday, June 21st at 2:00pm. A total of four- (4) bids were received. Bidding was arranged to allow the Niagara Falls Water Board to award a portion of the roof, base bid (with subsequent alternates for the remaining portions of the roof area) with a 20-year warranty. And, with an alternate for the based bid area (and subsequent alternates for the remaining portions of the roof area) with a 30-year warranty.

Bids for the 20-year warranty (with all alternates) ranged from a low of \$3,115,000.00 to a high of \$3,864,216.00. Bids for the 30-year warranty (with all alternates) ranged from a low of \$3,362,000.00 to a high of \$4,118,541.00 with a 30-year warranty. The lowest bid, for both the 20-year and 30-year warranties, was submitted by Weaver Metal and Roofing, Inc.

CPL Conducted post-bid interviews with all of the bidders to verify scope, understanding of bid documents, and verification of their respective bid amounts. Weaver Metal and Roofing, Inc. were confident in their bid proposals and in their understanding of the scope of work on the bid documents.

CPL recommends that the alternates for the extension of the roof warranty to a 30-year roof assembly represents a good value to the Water Board and the community of Niagara Falls.

Barring any objections from your legal counsel, we offer no objection to the Niagara Falls Water Board entering into a contract with Weaver Metal and Roofing, Inc., the low bidder, in the amount of \$3,362,000.00, for the execution of this project.



Dr. Abderrahman Zehraoui  
Niagara Falls Water Board  
July 17, 2023  
Page 2 of 2

Please do not hesitate to contact me with any questions or if we could be of any further assistance.

Regards,  
CPL

A handwritten signature in blue ink, appearing to read 'W. Zografos', with a long horizontal flourish extending to the right.

William Zografos, AIA, NCARB, LEED-AP, CDT, CCCA  
Senior Project Manager

CC: File


Encl: Bid Tabulation Form

NFWB WTP ROOF REPLACEMENT

Bid Opening: Wednesday June 21, 2023, 2:00 PM

**CONTRACTOR**

Bid Item	Description	Elmer W Davis	Jamison Roofing	Weaver Roofing	Grove Roofing
ITEM 1-CONTINGENCY ALLOWANCE		\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
BASE BID		\$1,230,554.00	1,475,853.00	1,112,000.00	1,307,525.00
ALTERNATE-1		\$1,286,789.00	1,560,530.00	1,200,000.00	1,354,700.00
ALTERNATE-2		\$940,008.00	1,140,236.00	880,000.00	1,163,500.00
ALTERNATE-3		\$271,715.00	312,100.00	280,000.00	289,800.00
ALTERNATE-4		\$278,319	307,348.00	280,000.00	285,600.00
ALTERNATE-5		\$321,815	367,144.00	310,000.00	323,400.00
ALTERNATE-6		\$184,842	212,288.00	190,000.00	220,000.00
ALTERNATE-7		\$22,043	24,247.00	38,000.00	40,000.00
ALTERNATE-8		\$990,590	1,221,748.00	950,000.00	1,218,800.00
ALTERNATE-9		\$283,484	333,480.00	305,000.00	303,600.00
ALTERNATE-10		\$290,346	328,628.00	305,000.00	299,200.00
ALTERNATE-11		\$334,995	394,632.00	336,000.00	338,800.00
ALTERNATE-12		\$192,421	227,503.00	200,000.00	228,800.00
ALTERNATE-13		\$23,711	27,020.00	41,000.00	45,000.00

 Represents a revision due to a misunderstanding of the alternate language

**NFWB WTP ROOF REPLACEMENT - 30 Year Warranty**

**Bid Opening: Wednesday June 21, 2023, 2:00 PM**

**20-Year Warranty Option**

		<b>CONTRACTOR</b>			
Bid Item	Description	Elmer W Davis	Jamison Roofing	Weaver Roofing	Grove Roofing
Bid Allowance		\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
<b>BASE BID</b>		\$1,230,554.00	1,475,853.00	1,112,000.00	1,307,525.00
ALTERNATE-1					
ALTERNATE-2		\$940,008.00	1,140,236.00	880,000.00	1,163,500.00
ALTERNATE-3		\$271,715.00	312,100.00	280,000.00	289,800.00
ALTERNATE-4		\$278,319	307,348.00	280,000.00	285,600.00
ALTERNATE-5		\$321,815	367,144.00	310,000.00	323,400.00
ALTERNATE-6		\$184,842	212,288.00	190,000.00	220,000.00
ALTERNATE-7		\$22,043	24,247.00	38,000.00	40,000.00
ALTERNATE-8					
ALTERNATE-9					
ALTERNATE-10					
ALTERNATE-11					
ALTERNATE-12					
ALTERNATE-13					
<b>TOTAL</b>		\$3,274,296.00	\$3,864,216.00	\$3,115,000.00	\$3,654,825.00



Represents a revision due to a misunderstanding of the alternate language

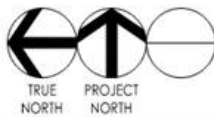
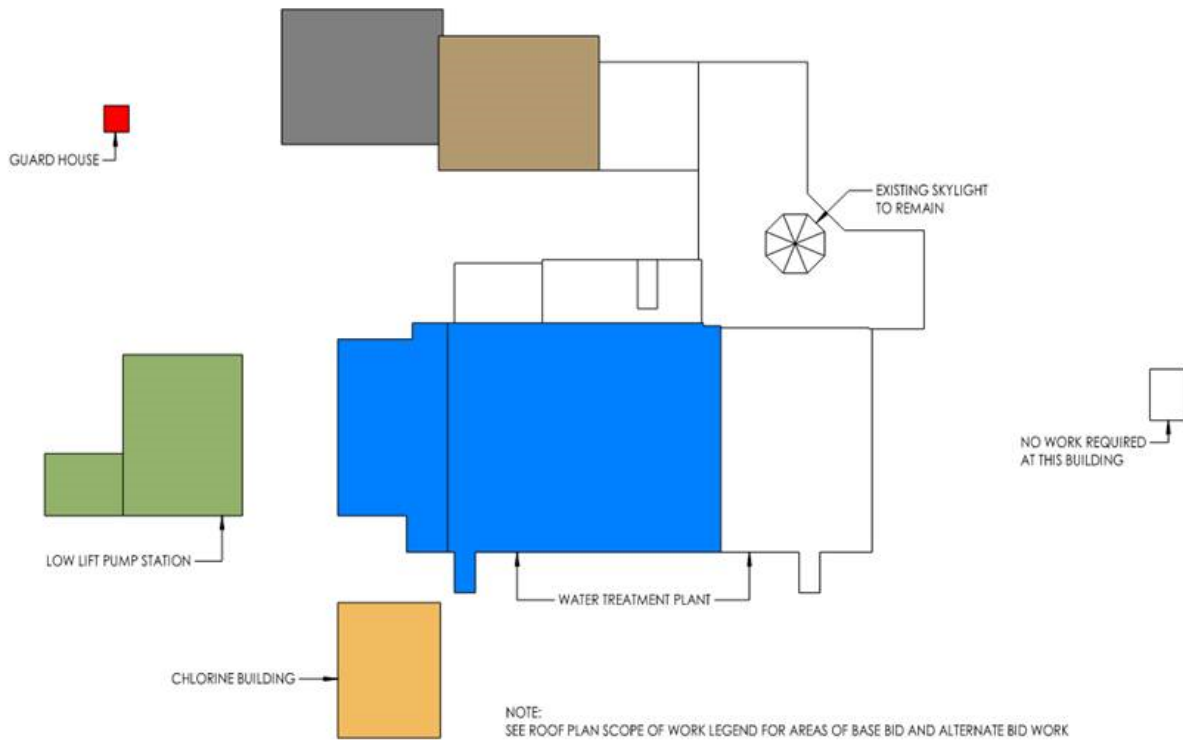
**NFWB WTP ROOF REPLACEMENT - 30 Year Warranty**

**Bid Opening: Wednesday June 21, 2023, 2:00 PM**

**30-Year Warranty Option**

		<b>CONTRACTOR</b>			
Bid Item	Description	Elmer W Davis	Jamison Roofing	Weaver Roofing	Grove Roofing
Bid Allowance		\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
<b>BASE BID</b>		\$1,230,554.00	1,475,853.00	1,112,000.00	1,307,525.00
<b>ALTERNATE-1</b>		\$1,286,789.00	1,560,530.00	1,200,000.00	1,354,700.00
<b>ALTERNATE-2</b>					
<b>ALTERNATE-3</b>					
<b>ALTERNATE-4</b>					
<b>ALTERNATE-5</b>					
<b>ALTERNATE-6</b>					
<b>ALTERNATE-7</b>					
<b>ALTERNATE-8</b>		\$990,590	1,221,748.00	950,000.00	1,218,800.00
<b>ALTERNATE-9</b>		\$283,484	333,480.00	305,000.00	303,600.00
<b>ALTERNATE-10</b>		\$290,346	328,628.00	305,000.00	299,200.00
<b>ALTERNATE-11</b>		\$334,995	394,632.00	336,000.00	338,800.00
<b>ALTERNATE-12</b>		\$192,421	227,503.00	200,000.00	228,800.00
<b>ALTERNATE-13</b>		\$23,711	27,020.00	41,000.00	45,000.00
<b>TOTAL</b>		\$3,427,336.00	\$4,118,541.00	\$3,362,000.00	\$3,813,900.00

Represents a revision due to a misunderstanding of the alternate language



**CAMPUS PLAN**

1/64" = 1'-0"

NOTE:  
PERFORM DEMOLITION AND NEW WORK UNDER BASE BID AND ALTERNATE BIDS AS INDICATED IN LEGEND BELOW AND AS INDICATED ON DRAWINGS.

- WATER TREATMENT PLANT:  
BASE BID -OR- ALTERNATE BID NO. 1
- WATER TREATMENT PLANT:  
ALTERNATE BID NO. 2 -OR- ALTERNATE BID NO. 8
- WATER TREATMENT PLANT:  
ALTERNATE BID NO. 3 -OR- ALTERNATE BID NO. 9
- WATER TREATMENT PLANT:  
ALTERNATE BID NO. 4 -OR- ALTERNATE BID NO. 10
- LOW LIFT PUMP STATION:  
ALTERNATE BID NO. 5 -OR- ALTERNATE BID NO. 11
- CHLORINE BUILDING:  
ALTERNATE BID NO. 6 -OR- ALTERNATE BID NO. 12
- GUARD HOUSE:  
ALTERNATE BID NO. 7 -OR- ALTERNATE BID NO. 13

**WTP SECURITY UPGRADES – DOOR ACCESS CONTROL CARD READER SYSTEM  
AND INSTALLATION OF TWO DOORS FOR ACCESS CONTROL**

**WHEREAS**, the EPA and Department of Homeland Security consider water treatment plants to constitute critical infrastructure and recommend that WTP asset owners conduct assessments to identify risks and vulnerabilities; and

**WHEREAS**, in 2018 the Niagara Falls Water Board contracted with Vanguard Systems, LLC, to perform a security survey, which identified improved access control at the WTP as a high-priority item, and the WTP not only is critical infrastructure, there also are safety hazards associated with the industrial-type production and operations activities conducted on site; and

**WHEREAS**, Vanguard’s recommendations included installation of barriers between the WTP administrative and production areas, including the WTP control room, and barriers between the public area of the lobby and the employees working in the administrative area; and

**WHEREAS**, to improve security for employees and to help protect the public from the risk associated with unauthorized access to the WTP, the Water Board recently constructed improvements at the WTP to create a physical barrier between customer service staff and persons in the building lobby; and

**WHEREAS**, the Water Board has obtained an estimate from Jens Glass Company to upgrade the limited electronic keycard access control system in place at the WTP and to add electronic keycard access hardware to certain existing doors; and

**WHEREAS**, the Jens Glass estimate also include addition of two new doorways to serve as barriers to prevent unauthorized access to the laboratory area and to the administrative office area from the second floor; and

**WHEREAS**, Water Board personnel will perform necessary wiring and IT services, reducing the overall cost of these security upgrades; and

**WHEREAS**, once the work described in this resolution is complete, unauthorized personnel will not be able to access the WTP control room, production areas, laboratory, or administrative areas, enhancing employee safety and the protection of the public water supply; and

**WHEREAS**, the Jens Glass Company estimate totals \$41,511.90, and the proposed procurement is per the terms of Erie County Bid No. 219137-002, extended through May 31, 2025, which is a competitively bid contract that has been made available for the use of other government entities and provides for hourly labor rates and material markup for the services provided by that firm;

\* CONTINUED ON NEXT PAGE \*

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board hereby authorizes the Executive Director to pay to Jens Glass Company a sum not to exceed \$41,511.90 to provide the materials and furnish the labor described in that firm’s quotation dated June 16, 2023.

*Water Board Personnel Responsible for Implementation of this Resolution:*  
Executive Director

*Water Board Budget Line or Capital Plan Item with Funds for this Resolution:*  
CIP Item No. WTP-6, WTP Building Improvements  
Capital Line Supplied by: D. Williamson  
Available Funds Confirmed by: B. Majchrowicz

On July 24, 2023, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Asklar	[ ]	[ ]	[ ]	[ ]
Board Member Kimble	[ ]	[ ]	[ ]	[ ]
Board Member Larkin	[ ]	[ ]	[ ]	[ ]
Board Member Leffler	[ ]	[ ]	[ ]	[ ]
Chairman Forster	[ ]	[ ]	[ ]	[ ]

Signed By:

Vote Witnessed By:

\_\_\_\_\_  
Nicholas J. Forster, Chairman

\_\_\_\_\_  
Sean W. Costello, Secretary to Board



2903 LAKEVIEW ROAD  
 HAMBURG, NEW YORK 14075  
 (716) 648-6300 • FAX (716) 648-6315

# Estimate

**ADDRESS**

Niagara Falls Water Board  
 5815 Buffalo Ave.  
 Niagara Falls, NY  
 716-283-9770

**SHIP TO**

Niagara Falls Water Board  
 5815 Buffalo Ave.  
 Niagara Falls, NY  
 716-283-9770

**ESTIMATE # 1742**

**DATE 06/16/2023**

DATE	ACTIVITY	AMOUNT
	Jens Glass is pleased to quote the following:	0.00
	-Rework main entrance to work with new card reader system. Work to consist of: CTE controller with multi tech reader to match card sample, Re use existing maglock and wiring, 2 remote push button exit releases on on the door jamb to meet code requirements, one at reception desk, low voltage power supply PS902.	
	-Supply and install	
	- Provide and install 2 new entrances with Wide stile doors and midpanels in sidelites to match existing first floor entrances. Doors and framing shall be a clear anodized finish, with 1/4" clear tempered glass	0.00
	- Provide and install 9 NDEB80626 Stand alone access control lever locksets with SFIC prep. Less cores.	0.00
	- Provide Initial setup and configure system and provide end user training.	0.00
	-Exclusions: Customer to supply any necessary 110vac, building wifi, and IP configuration	0.00
	Cost of Materials, 1 @ \$23,163.00	23,163.00
	Profit on Materials @ 30%, 1 @ \$6,948.90	6,948.90
	Labor @ 95.00 per hour, 120 @ \$95.00	11,400.00
SUBTOTAL		41,511.90
TAX		0.00
TOTAL		<b>\$41,511.90</b>

Accepted By

Accepted Date