

Table of Contents - NFWB November 25, 2019 Meeting

1 Agenda - November 2019.pdf	2
2 Draft October 2019 Meeting Minutes.pdf	6
3 Personnel Actions - Nov. 18, 2019.pdf	13
4 NFWB Organizational Chart (11-19-19).pdf	14
5 RESOLUTION 2019-11-001 - Authorizing GHD Proposal for WWTP Protective Measures Phase II Bidding and Construction Services.pdf	15
6 --FEMA Protective Measures Proposal -GHD.pdf	17
7 --FEMA Protective Measures Information.pdf	24
8 RESOLUTION 2019-11-002 - Award Bid for WWTP Project 4 - Granulated Active Carbon.pdf	32
9 --AECOM Award Recommendation and Bid Tab.pdf	34
10 RESOLUTION 2019-11-003 - Extension of Granulated Activated Carbon Bid.pdf	37
11 --2018 Granular Activated Carbon Agenda Item and Tally Sheet 111618.pdf	39
12 RESOLUTION 2019-11-004 - Extension of Primary Treatment Polymer Bid.pdf	41
13 --2018 Primary Treatment Polymer Bid Board Item 091018.pdf	43
14 RESOLUTION 2019-11-005 - Extension of Sludge Dewatering Polymer Bid.pdf	46
15 --2018 Sludge Dewatering Polymer Official Tally Sheet 091018.pdf	48
16 RESOLUTION 2019-11-006 - Purchase of Sludge Screw.pdf	51
17 --Sludge Screw Quotes.pdf	52
18 RESOLUTION 2019-11-007 - Purchase of Grit Screw.pdf	55
19 --Grit Screw Quotes.pdf	56
20 RESOLUTION 2019-11-008 - Purchase of Cyclone Parts.pdf	59
21 --Cyclone Parts List, Pricing, and Schematic.pdf	60
22 RESOLUTION 2019-11-009 - Procedure for Notifying Board of Directors of Senior Staff Absences. pdf	63
23 RESOLUTION 2019-11-010 - Authorize 102nd Street Meter Pit Construction Costs.pdf	65
24 --Wendel Recommendation for 102nd Street Bid Award.pdf	67
25 RESOLUTION 2019-11-011 - Authorize 102nd Street Meter Pit Construction Phase Engineering Costs.pdf	69
26 --Wendel Proposal 102nd Street Meter Pit CA-CO.pdf	71
27 RESOLUTION 2019-11-012 - Fleet Adjustment - Lease of Three Vehicles, Disposal of Five Vehicles. pdf	76
28 --Enterprise Memorandum.pdf	78
29 --Enterprise Estimate for Vehicle Disposals.pdf	79
30 --Lease Quotes for 2020 Chevrolet Equinoxes.pdf	80
31 RESOLUTION 2019-11-013 - Authorizing Hydrant Purchase.pdf	92
32 RESOLUTION 2019-11-014 - Cooperative Chemical Bid.pdf	94
33 --Chemicals - D Williamson Analysis of Percent Change.pdf	97
34 --Cover Letter and Tally Sheet for Cooperative Chemical Bid.pdf	98



**Regular Session of the
Niagara Falls Water Board
November 25, 2019 5:00 PM at
Michael C. O’Laughlin Municipal Water Plant**

1. Attendance and Preliminary Matters

Forster___ Kimble ___ Larkin___ Leffler___ O’Callaghan___

- a. Letters and Communications
- b. Public Comment (All speakers must register with the Chairperson prior to roll call and are limited to three minutes per person – total time for all speakers may not exceed one hour)
- c. Presentations (None scheduled)
- d. Approval of Minutes from October 28, 2019 Meeting

2. From the Executive Director

3. Superintendent

4. Engineering

5. Director of Administrative Services – Personnel Items

- a. Staff Requested:
 - i. Motion to Approve Personnel Actions and Report dated November 18, 2019.
- b. Updated Organizational Chart

6. Information Technology (IT)

7. Director of Financial Services

8. Other Reports

- a. Questions Regarding Monthly O&M Reports (if any)
- b. Safety

9. General Counsel and Secretary

10. From the Chairman

11. Resolutions

2019-11-001 – ACCEPTING ENGINEERING PROPOSAL BY GHD FOR WWTP PROTECTIVE MEASURES PROJECT PHASE II BIDDING AND CONSTRUCTION SERVICES

- a. GHD Proposal Dated October 4, 2019
- b. Background Information on Project

2019-11-002 – AWARDED BID FOR WWTP PROJECT 4: GRANULATED ACTIVATED CARBON AND CARBON FILTER SUPPORT GRAVEL REPLACEMENT

- a. Bid Tabulation and Award Recommendation

2019-11-003 – EXTENDING BID FOR GRANULATED ACTIVE CARBON SUPPLY AND REMOVAL

- a. 2018 Bid Award Recommendation and Bid Tabulation

2019-11-004 – EXTENSION OF PRIMARY TREATMENT POLYMERS BID

- a. 2018 Bid Award Recommendation and Bid Tabulation

2019-11-005 – EXTENDING BID FOR SLUDGE DEWATERING POLYMER

- a. 2018 Bid Award Recommendation and Bid Tabulation

2019-11-006 – AUTHORIZING PROCUREMENT OF SLUDGE SCREW FROM KAMAN INDUSTRIAL TECHNOLOGIES

- a. Kaman, Core Welding, and Frederick Machine Quotes

2019-11-007 – AUTHORIZING PROCUREMENT OF GRIT SCREW FROM KAMAN INDUSTRIAL TECHNOLOGIES

- a. Kaman, Core Welding, and Frederick Machine Quotes

2019-11-008 – PURCHASE OF KREBS CYCLONE REPLACEMENT PARTS

- a. Part List, Pricing, and Schematic

2019-11-009 – PROCEDURE FOR NOTIFYING BOARD OF DIRECTORS OF SENIOR STAFF ABSENCES

2019-11-010 – AUTHORIZING 102nd STREET METER PIT CONSTRUCTION COSTS

- a. Wendel Recommendation for 102nd Street Meter Pit Award

2019-11-011 – AUTHORIZING ENGINEERING SERVICES FOR 102nd STREET METER PIT CONSTRUCTION PHASE

- a. Wendel Proposal dated November 14, 2019

2019-11-012 – AUTHORIZING LEASE OF THREE VEHICLES AND DISPOSAL OF FIVE VEHICLES THROUGH ENTERPRISE

- a. Memorandum from Superintendent
- b. Enterprise Estimates for Vehicle Disposals
- c. Enterprise Quotes for Lease of Three 2020 Chevrolet Equinoxes
(Note: Quote 4375051 Submitted for Two Vehicles)

2019-11-013 – AUTHORIZING PURCHASE OF STOCK OF FIRE HYDRANTS

2019-11-014 – AWARDING IN PART AND REJECTING IN PART COOPERATIVE CHEMICAL BIDS

1. D. Williamson Analysis of Percent Change
2. Tally Sheet for Chemical Bids

12. Unfinished Business

13. New Business & Additional Items for Discussion

14. Executive Session (if needed)

15. Adjournment of Meeting



**Regular Session of the
Niagara Falls Water Board
October 28, 2019 5:00 PM at
Michael C. O’Laughlin Municipal Water Plant**

1. Attendance and Preliminary Matters:

Chairman O’Callaghan called the meeting to order at 5:00 p.m.

Forster P Kimble P Larkin *arrived at 5:10 p.m. Leffler P
O’Callaghan P

a. Letters and Communications

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

Nader Merhi spoke regarding a billing issue at his residential property on Elmwood Ave. The property was purchased on 5/20/2019 and there was no water meter at the property at the time of purchase. A water meter was not installed until September 2019 and the property had been vacant since January 2019. Mr. Merhi states his estimated water bill for the months of June, July and August is approximately \$600; he would like his water bill to reflect actual charges beginning at the time the water meter was installed. Ms. Walker states she will be sending Mr. Merhi an adjustment form and will also communicate to the Meter Shop to conduct a data log and freeze Mr. Merhi’s account during the investigation. Ms. Walker also states she will be sure to adjust any late fees accordingly.

Megan Vogt, Esq., spoke on behalf of Key Bank regarding a recently foreclosed property located on 92nd St. Ms. Vogt acknowledged an eviction proceeding (indicating someone was living in the house), but there was no water meter at the time the bank performed its winterization work. Ms. Vogt states that an average, quarterly water bill for this property is approximately \$185. However, by May 2019, the water bill had reached approximately \$11,000, now approximately \$12,000 with late fees. Ms. Vogt is unsure why the water bill had such an extreme increase, as the property was evaluated and there was no evidence of any water leaks. Ms. Walker states she will be sending Ms. Vogt an adjustment form for her to complete and send back to the NFWB.

Herbert Hull spoke regarding his property located on 28th St. Mr. Hull travels to Florida every winter and his water is turned off and back on in June. An average water bill for Mr. Hull is approximately \$106, however, his September 2019 bill is reflecting a large water leak, resulting in a \$456 water bill. Mr. Hull states his property was evaluated and there are no identified leaks, he also replaced all the

toilets in his home to ensure there were no hidden leaks. An adjustment form has already been completed and his water bill otherwise is paid up to date. The NFWB Meter Shop ran a test on the meter last week and will be sending Mr. Hull the results as soon as they are available.

c. Presentations

Drescher & Malecki presented on their financial projections and user rates for 2020. Their goal is to provide independent cash flow estimates sufficient to meet the debt-service coverage ratio (1.15). Their analysis of projected amounts was performed in accordance with historical trends and audited data from the prior years, along with the most current available information and year-to-date actual reports per the financial software. Their projections for needed rate increases do not reflect the 2020 budget or any expenses cut or revenue enhancements in that budget. Thus, Drescher & Malecki's recommended 2.75% rate increase is not necessary if revenue exceeds, or expenditures are less than, their forecast. The presenters noted that the Board must meet the debt-service coverage ratio every year with its operating budget and cannot use reserves to meet that debt-service coverage ratio in order to avoid a rate increase in a particular year.

d. Approval of Minutes from September 23, 2019 Regular Meeting

*Motion by Ms. Kimble and seconded by Ms. Larkin to approve
Forster Y Kimble Y Larkin Y Leffler Y O'Callaghan Y
Motion carried 5-0*

e. Approval of Minutes from September 30, 2019 Special Meeting

*Motion by Ms. Leffler and seconded by Ms. Larkin to approve
Forster abstain Kimble abstain Larkin Y Leffler Y
O'Callaghan Y
Motion carried 3-0 with 2 abstentions*

2. From the Executive Director

Mr. Fama has formed a Strategic Leadership Team to focus on succession planning and strengthen leadership throughout the organization. The team consists of himself, Mr. Rowe, Mr. Wright, Mr. Dunn and Mr. Perry. Ms. Kimble questioned why the group is all male, and why Ms. Walker was not invited to participate in the Team as head of Financial Services. Mr. Fama explained that no slight was intended and that the team representatives were chosen as representatives of the WTP, WWTP, and outside maintenance plus Human Resources.

3. Superintendent

Nothing new to report.

4. Engineering

a. Status of Water Main Grant Projects

5. Director of Administrative Services – Personnel Items

a. Staff Requested:

i. Motion to Approve Personnel Actions and Report dated October 28, 2019.

*Motion by Ms. Larkin and seconded by Ms. Leffler to approve.
Forster __N__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__
Motion carried 4-1*

Due to the projected impact on rates, Mr. Forster does not believe hiring an additional engineer with a salary of approximately \$90,000-\$100,000 to be necessary.

Mr. Perry noted that he is meeting with Civil Service again to continue to address outstanding items.

b. 2020 Holiday Schedule

Mr. Perry provided the 2020 Holiday Schedule for the Board's review.

6. Information Technology (IT)

In response to a Board member inquiry, Mr. Fama provided the board members with a copy of the preventative maintenance service agreement for the Dell equipment.

7. Director of Financial Services – Financial Reports

Ms. Walker and her department have continued to evaluate the pros and cons of a rate increase.

In terms of expenses, Ms. Walker states the IDIQ contracts are very costly. These contracts are up between January and February 2020 and will be reviewed for possible cost savings. Ms. Walker also requested to discuss elimination of funding for positions held by particular individuals in executive session.

Ms. Walker is working with Key Bank regarding their credit card payment options, in order to provide additional options to the rate payers and with the hope of reducing the NFWB's postage and printing costs.

8. Other Reports

- a. Questions Regarding Monthly O&M Reports (if any)
- b. Safety

Ms. Senia states there were no recordable/reportable injuries to report.

A plan for Gorge Pump Station access during work on the elevator will be developed.

9. General Counsel and Secretary

- a. Water and Sewer Line Warranty Program Launch
 - i. Program Launch Postcard
 - ii. First Two Mailings

Mr. Costello discussed the status of the warranty program. Terms are finalized and the initial mailings should be within weeks.

10. From the Chairman

11. Resolutions

2019-10-001 – AUTHORIZING EXTENSION OF BID FOR SEWER LINE CHEMICAL ROOT CONTROL

- a. Offer to Extend Bid

Motion by Ms. Leffler and seconded by Ms. Larkin to approve Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__ Motion carried 5-0

2019-10-002 – REPLACEMENT OF WWTP CONTROL ROOM AIR HANDLING UNIT'S EVAPORATOR COIL

- a. Quackenbush Quote dated July 30, 2019 and Supporting Documents

Motion by Ms. Kimble and seconded by Ms. Larkin to approve Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__ Motion carried 5-0

2019-09-003 – SEQR LEAD AGENCY DESIGNATION AND DETERMINATION OF SIGNIFICANCE FOR THE NIAGARA FALLS WATER BOARD WASTEWATER TREATMENT PLANT PROTECTIVE MEASURES PROJECT

a. Full Environmental Assessment Form and Other Supporting Documents

*Motion by Ms. Leffler and seconded by Ms. Larkin to approve
Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__
Motion carried 5-0*

2019-10-004 – ACCEPTING SAM GRANT FOR UPGRADES TO SEWER LINE FROM WWTP SEDIMENTATION BASIN NO. 5

a. Grant Award Letters

*Motion by Ms. Leffler and seconded by Ms. Larkin to approve
Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__
Motion carried 5-0*

2019-10-005 – SEQR REVIEW AND CLASSIFICATION FOR UPGRADES TO SEWER LINE FROM WWTP SEDIMENTATION BASIN NO. 5

*Motion by Ms. Kimble and seconded by Ms. Larkin to approve
Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__
Motion carried 5-0*

2019-10-006 – AWARD BID FOR REPAIR OF 12" SEWER NEAR 813 VANDERBILT AVENUE

a. Bid Tabulation and Award Recommendation

*Motion by Ms. Kimble and seconded by Ms. Leffler to approve
Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__
Motion carried 5-0*

2019-10-007 – AUTHORIZING FERGUSON ELECTRIC TO PERFORM CERTAIN ELECTRICAL WORK AT THE WWTP TO BE PART OF LIGHTNING STRIKE INSURANCE CLAIM

1. Ferguson Quotes:

- i. Main 115kV Substation Battery Rack Replacement**
- ii. Disposal of Power Center 3**
- iii. Replacement of Power Center 1 Transformer**

*Motion by Ms. Larkin and seconded by Ms. Leffler to approve
Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__
Motion carried 5-0*

2019-10-008 – AUTHORIZING FERGUSON ELECTRIC PROPOSAL FOR WWTP CAPITAL PROJECT NO. 5, PHASE 1 WORK

- a. Ferguson Proposal for Project 5, Phase 1, October 18, 2019

Motion by Ms. Leffler and seconded by Ms. Larkin to approve

Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__

Motion carried 5-0

2019-10-009 – AUTHORIZING PROCUREMENT OF GEOTAB FLEET TELEMATICS SERVICES

- a. Enterprise Quote
b. Passenger Vehicle GPS List
c. Heavy Equipment GPS List

Motion by Ms. Kimble and seconded by Ms. Larkin to approve

Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__

Motion carried 5-0

2019-10-010 – AUTHORIZING PAYMENT OF PREMIUM FOR PROPERTY AND CASUALTY INSURANCE

Motion by Ms. Leffler and seconded by Ms. Larkin to approve

Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__

Motion carried 5-0

2019-10-011 – AUTHORIZING AECOM CONSTRUCTION PHASE SERVICES FOR PROJECT 4: GRANULATED ACTIVATED CARBON AND CARBON FILTER SUPPORT GRAVEL REPLACEMENT

- a. AECOM Proposal dated July 30, 2019

Motion by Ms. Kimble and seconded by Ms. Leffler to approve

Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__

Motion carried 5-0

2019-10-012 – AUTHORIZING SETTLEMENT OF CLAIM BY ARTHUR SEARIGHT

- a. Notice of Claim

Motion by Ms. Leffler and seconded by Ms. Larkin to approve

Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__

Motion carried 5-0

2019-10-013 – EXPLORATORY DIG TO INVESTIGATE SINKHOLE

- a. Cerrone Cost Estimate

Motion by Ms. Larkin and seconded by Ms. Leffler to approve

Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__

Motion carried 5-0

2019-10-014 – ADOPTING 2020 BUDGET

a. Proposed 2020 Budget

*Motion by Ms. Leffler and seconded by Ms. Larkin to approve
Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__
Motion carried 5-0*

12. Unfinished Business

Mr. O'Callaghan would like to be informed of the process when removing water meters from properties.

13. New Business & Additional Items for Discussion

Nothing new to discuss.

14. Executive Session (if needed)

Motion by Ms. Larkin and seconded by Ms. Leffler to enter into executive session at 7:01 p.m. to discuss matters related to the promotion, demotion, discipline or firing of particular individuals.

*Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__
Motion carried 5-0*

Motion by Ms. Kimble and seconded by Ms. Leffler to exit executive session at 7:39 p.m.

*Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__
Motion carried 5-0*

15. Adjournment of Meeting

Motion by Ms. Kimble and seconded by Ms. Larkin to adjourn at 7:46 p.m.

*Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ O'Callaghan __Y__
Motion carried 5-0*

**Niagara Falls Water Board
Personnel Actions and Report
Monday, November 18, 2019**

Personnel Actions Requested of the Board

I. PERSONNEL ACTIONS RECOMMEND TO HIRE

Line Item Number	Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION
1.1	Plant Attendent	Crew Leader Specialist / WTP	Grade 13B to 14	Increase is avg. \$1.78/hr. approximately \$3,702 annually
1.2	Human Resources Specialist	Administrative	Approx. \$50,000	Union position -\$6,000 annually estimated

II. RECOMMENDED PROMOTION / MOVE / APPOINTMENT

Line Item Number	Position	Type of labor move	Change in pay rate or grade	ADDITIONAL INFORMATION
2.1	CMM	Post for CMT	increase \$.32 / hr. avg.	Post in accordance with CBA replacing individual terminated in August impact =0

IV. BOARD NOTIFICATION OF OTHER MOVEMENT (CBA BID, MCSB APPOINTMENT, LEGAL STATUS CHANGE)
--

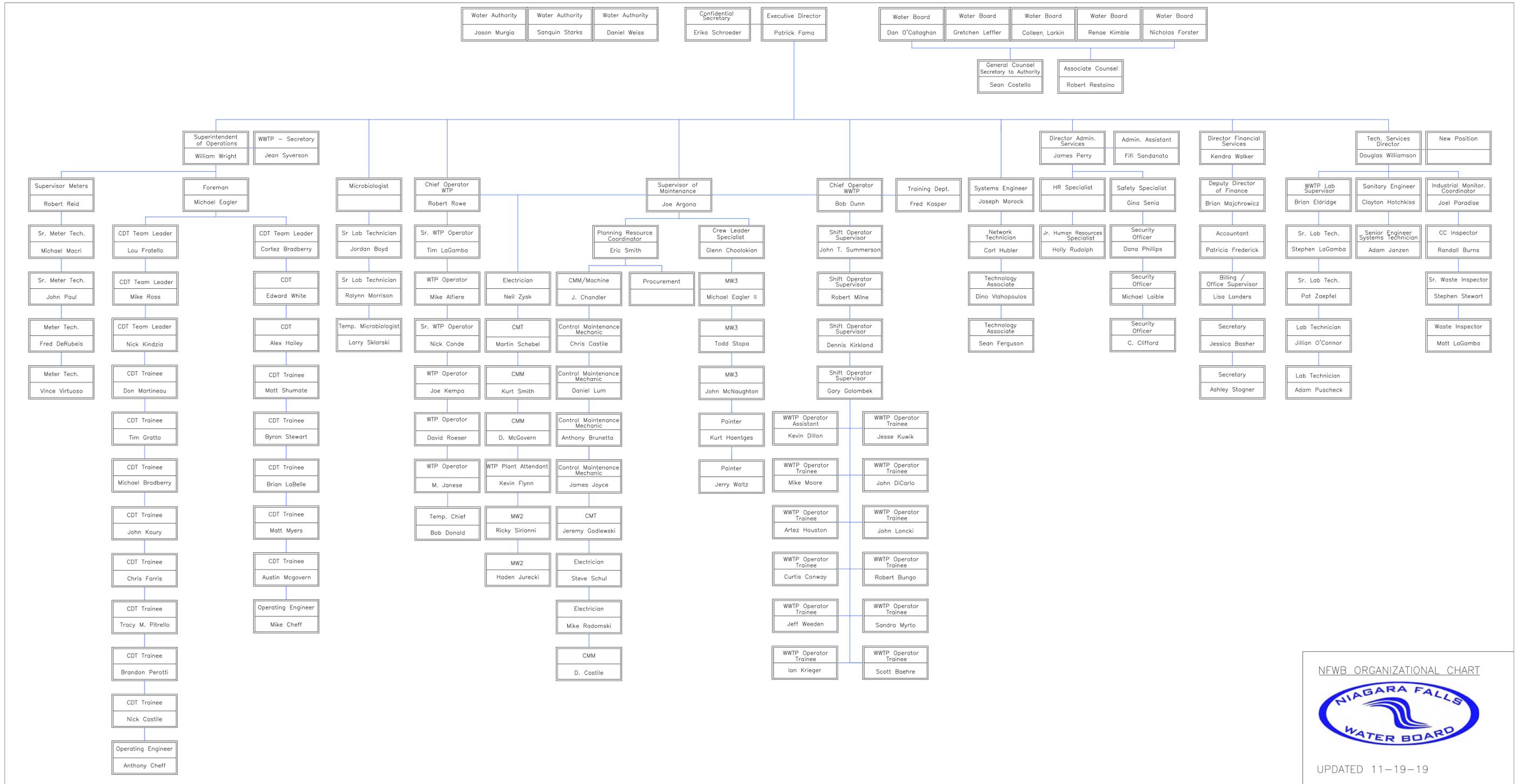
Name	Position & type of labor move	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION / AUTHORITY

V. OTHER ACTI OTHER PERSONNEL ACTIVITY FOR BOARD NOTIFICATION
--

5.1	Deputy Director of Administrative Services	Eliminated/Terminated	\$56,100.00	Gross savings \$56,100 annually

VI. PERSONNEL ON LONG TERM LOA

Name	Last Day Worked	Dept.	Return Status	Comments



NFWB ORGANIZATIONAL CHART



UPDATED 11-19-19

NIAGARA FALLS WATER BOARD RESOLUTION # 2019-11-001

ACCEPTING ENGINEERING PROPOSAL BY GHD FOR WWTP PROTECTIVE MEASURES PROJECT PHASE II BIDDING AND CONSTRUCTION SERVICES

WHEREAS, the Niagara Falls Water Board (“Water Board”) has been awarded FEMA Hazard Grant Mitigation Program Grant No. 4204-0003 in the amount of \$2,853,778 to construct flood protection measures that will protect the Niagara Falls Waste Water Treatment Plant (“WWTP”) against damage during a 1% chance flood event by constructing a new sewer bypass relief connection to an existing 84-inch diameter tunnel for when it is necessary to bypass the WWTP during extreme flows accompanied by high surcharge levels within the main influent sewer (“the Project”); and

WHEREAS, the New York State Department of Environmental Conservation and Dormitory Authority of the State of New York have authorized the Water Board to use funds from the State and Municipal Facilities Program (“SAM”) Phase II – Upgrade and Improve the Niagara Falls Waste Water Treatment Plant (Project ID: #15689) grant towards half of the Water Board’s costs for the Project, leaving an estimated Water Board share of the project costs of \$1,328,061; and

WHEREAS, in December 2017, the Water Board authorized an agreement with GHD to proceed with engineering design work for the Project, designated at the time as “Phase I” services; and

WHEREAS, at the time of the December 2017 agreement with GHD, “Phase II” engineering services, including bidding, construction administration, and construction inspection, were not awarded as these were contingent on further approvals and funding from FEMA; and

WHEREAS, the requisite funding and approvals now have been secured, and GHD has presented the Water Board with a proposal dated October 4, 2019 to amend its original scope of services in order to complete the Phase II services at the 2018 labor rates that were approved by the Water Board in December 2017; and

WHEREAS, GHD has committed to meeting the Water Board’s M/WBE requirements for the work to be performed pursuant to this amendment, and the services described in GHD’s October 4, 2019 proposal will be subject to partial reimbursement by the grants described above; and

WHEREAS, CPL, as the Water Board’s engineer for certain grant-funded construction projects, recommends that this amendment to GHD’s scope of work be approved without issuing a Request for Proposals because it is an extension of a previously-approved agreement for services related to the Project, GHD has unique experience and expertise with respect to the Project by virtue of its having been involved in the conception and design of the Project since 2013, including application for the FEMA grant, and replacing GHD as the Project’s engineer would result in significant expense, delay, and loss of knowledge and information that has been gained by GHD, and potentially could result in the Water Board failing to complete the project

by the June 1, 2021 deadline for the FEMA grant, which could result in the loss of the FEMA funding for the Project;

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby accepts GHD’s October 4, 2019 proposal to perform Phase II (Bidding and Construction) Services for the WWTP protective measures project for a total not-to-exceed fee of \$325,700.

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 Plan Line Item WWTP-15

On November 25, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Forster	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman O’Callaghan	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Daniel T. O’Callaghan, Chairperson

Sean W. Costello, Secretary to Board



October 4, 2019

Reference No. 11146200

Patrick Fama, Executive Director
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, New York 14304

Dear Mr. Fama:

**Re: WWTP Protective Measures – Amendment Proposal
HMGP: 4204-0003 – Phase II Services**

GHD is pleased to submit this proposal for Phase II services on the above referenced project at the Wastewater Treatment Plant (WWTP). GHD currently has an Agreement with the Niagara Falls Water Board (NFWB) to provide Phase I engineering services on this project in accordance with our Agreement dated January 11, 2018. This Agreement includes GHD's proposal dated December 6, 2017, which outlines the scope of services currently authorized by the NFWB.

The NFWB is receiving federal assistance to complete this project by way of the Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program (HMGP) administered by the New York Department of Homeland Security and Emergency Services (DHSES) in response to a flood that occurred at the WWTP on July 19, 2013. FEMA approved \$2,853,778 in Phase II grant funding on July 18, 2019 for construction of the flood protective measures depicted on GHD's December 2018 design submittal. The NFWB is also receiving grant funding for this project from the Dormitory Authority of the State of New York (DASNY) as approved in a letter from the New York State Department of Environmental Conservation (NYSDEC) on May 15, 2019. DASNY is providing a 50 percent grant for all costs above the FEMA grant, which could amount to another \$1.55 million in DASNY grant funding. The total Phase II construction costs for these improvements has been estimated at \$5.5 million.

This proposal hereby amends GHD's scope of services and fees that are outlined in our Agreement.

1. Scope of Services

GHD proposes to complete the following tasks for Phase II services:

Task 2 - Finalize Bid Documents

GHD will finalize the Contract Drawings and Contract Documents (specifications) in preparation for public bidding. There are a few design details necessary to complete associated with the drop shaft installation methods, tunnel work and payment items in order to make the documents suitable for bidding and reduce risk to the NFWB. GHD has met with specialty contractors to review the constructability of this project. We have identified several items that would make the project safer to construct while minimizing risk; however, we need to incorporate these items into the design. For example, the 4-foot diameter shaft that



is planned down to the existing tunnel (180 feet below grade) was envisioned as an unlined rock shaft, consistent with other existing shafts in Niagara Falls that were built in the early 1900s. The design will add a steel liner to the new shaft for worker protection. Contractors will be using the new shaft as the only means to access the tunnel in order to complete the repair work that is required inside the tunnel. The only other access to this tunnel is from the lower Niagara River at the outlet of the Adams Tailrace Tunnel (over a mile away). Specialty contractors have also indicated that installing a perfect alignment of the new shaft to intersect with the existing tunnel is nearly impossible because the exact location of the tunnel is unknown and it is inaccessible. Therefore, a means to address misalignment is necessary if the new shaft does not intersect with the tunnel. Details and pay items for removing rock and constructing a shaft base connection to the tunnel need to be completed. These design items will be incorporated into the Bid Documents. The remaining design items that need to be addressed include:

- Finalizing the drop shaft lining specification and details
- Finalizing drop shaft base liner, tunnel connection and repair details
- Finalizing the geotechnical report
- The WWTP main telephone and cable services need to be re-routed around the planned drop shaft inlet structure. Coordination with these utilities is required.
- Finalizing pay items and specifications to minimize risk
- Finishing the SEQRA process
- Addressing comments from the NYSDEC (if any)

Task 3 – Bidding Services

GHD will provide the following technical services to the NFWB during the project bidding period.

1. Distribute Bid Documents (Contract Documents and Drawings) in PDF format to prospective Bidders. GHD will provide hard copy Bid Documents to be available for review at GHD and at the office of the NFWB.
2. Distribute Bid Documents electronically to the NFWB, NYSDEC, DASNY, FEMA and DSHES for records. Three (3) full size hardcopies will be provided to the NFWB.
3. Respond to bidder questions and requests for clarification, and prepare required bid addenda. The bidder question and clarification request responses will be provided to the NFWB via e-mail.
4. Attend one pre-bid conference at the project site to assist the NFWB in conducting the meeting and answer technical questions.
5. Maintain bidder list.
6. Review the bids for compliance with bidding requirements
7. Prepare a bid evaluation report identifying the lowest responsible and responsive bidder



8. Submit the Bid addenda and the bid evaluation report to the NFWB in electronic PDF format.

Upon the NFWB's acceptance of the low bid(s), we will develop conformed contract documents. GHD will prepare agreements for execution between the NFWB and the low bidder(s) for each contract and request documentation from each low bidder to complete the agreements.

Task 4 – Construction Administration

GHD will provide construction administration services from the Notice to Proceed until final acceptance of the Work, per the anticipated length of construction as discussed below. For Construction Administration, we will provide the following services:

1. Conduct and attend a preconstruction meeting, at the WWTP, with low bidder(s) to review the contracting and construction processes, and prepare a Notice to Proceed for each contract to be issued by the NFWB.
2. Review and approve payment applications.
3. Maintain a Request for Information (RFI), Field Order and Change Order Log.
4. Respond to RFIs submitted by the Contractor(s).
5. Maintain a shop drawing log.
6. Review and take action (Approve, Reject, Approved as Corrected) on shop drawings required for the construction contracts.
7. Review and take action (Approve, Reject, Approved as Corrected) on submitted schedule of values and schedules.
8. Review, develop details for, and negotiate change order requests.
9. Conduct and attend construction bi-weekly progress meetings on site with the Contractors and NFWB staff to maintain the projected project schedule and open communication with WWTP personnel. GHD will prepare agendas and meeting minutes and distribute meeting minutes.
10. Coordinate, administer and support the work.
11. Host a password protected FTP website for electronic access to all construction related correspondence (submittals, RFI, schedules, meeting minutes, pay requests, etc.) by the NFWB, GHD and contractors.
12. Prepare record drawings of the completed work. We will submit one hardcopy set of full-size drawings along with electronic CAD files and PDFs of all drawings.
13. Assemble the contractor furnished manufacturers' equipment O&M information into binders and submit this information for use by the NFWB as hardcopies and PDFs.



Task 5 – Construction Inspection

GHD will provide the services of a qualified and experienced construction inspector during periods of active construction. We have budgeted for 9 months (39 weeks) of inspection at 45 hours per week. Construction inspection services will include:

1. Conduct onsite inspections of Work in progress to determine whether the Work is proceeding in general compliance with the Contract Documents.
2. Report whenever inspector believes that any Work is unsatisfactory, faulty or defective, or does not conform to the Contract Documents, has been damaged, or does not meet the requirements of any inspection, test or required approval.
3. Verify that tests, equipment and systems start-ups, and operating and maintenance training are conducted in the presence of appropriate personnel, and that Contractor maintains adequate records thereof. Observe, record and report to NFWB appropriate details relative to the test procedures and start-ups.
4. Accompany visiting inspectors representing public or other agencies having jurisdiction over the Project; record the results of these inspections and report to NFWB.
5. Maintain at the job site orderly files for correspondence, reports of job conferences, Shop Drawings and samples, reproductions of original Contract Documents including Addenda, Change Orders, Field Orders, additional Drawings issued subsequent to the execution of the Construction Contract, clarifications and interpretations of the Contract Documents, and progress reports.
6. Prepare daily reports, diary or log book, recording Contractors' hours on the job site, weather conditions, data relative to questions concerning Change Orders or changed conditions, list of job site visitors, daily activities, decisions, general observations, and specific, more detailed observations as in the case of test procedures.
7. Record names, addresses and telephone numbers of all Contractors, subcontractors and major suppliers of materials and equipment.
8. The inspector will be confined space trained and capable of performing a manned entry inspection of the tunnel with the contractor's assistance.

2. Schedule

Our proposed schedule to complete this project is shown on Figure 1 (attached). We are estimating that NYSDEC approval will be complete and a final package will be ready for bidding in January 2020, based on an acceptance of this proposal at the October 2019 NFWB meeting. The construction duration will be largely set by the time required to construct the excavation shoring systems, new drop shaft and concrete structures. We estimate that construction will require a total of 11 months to complete after issuing the Notice to Proceed; however, there will be periods of no active onsite work during the initial shop-drawing



phase. Our proposal includes 11 months construction administration services and 9 months (39 weeks) of full-time construction inspection services during the active construction phases.

3. MWBE Participation

GHD will hire a qualified inspector to perform a portion of Task 5 – Construction Inspection in order to meet the NFVB’s 30 percent Minority and Women-Owned Business Enterprise (MWBE) goals of the project. We will also seek participation from vendors to meet the NFVB’s 6 percent SDVOB goals. We are assuming the goals are based on providing MWBE/SVDOB participation on the Phase II Services only. MWBE participation was not required in our original Phase I services agreement.

4. Fee

GHD proposes to complete the scope of services as outlined above for a total not-to-exceed fee of \$325,700. A breakdown of this fee per task is provided below.

Task	Description	Fee
Task 2	Finalize Bid Documents	\$49,700
Task 3	Bidding Services	\$7,500
Task 4	Construction Administration	\$98,200
Task 5	Construction Inspection	\$170,300
	Total	\$325,700

GHD will invoice for these services on an hourly basis and direct expenses will be invoiced at cost plus 5 percent. We will hold our hourly rates the same as our 2018 rates to be consistent with our current Agreement. Invoices shall be due within 30 days from receipt.



Thank you for the opportunity to submit this proposal. If you have any questions or require additional information, please do not hesitate to call.

Sincerely,

GHD

A handwritten signature in blue ink that reads "Robert P. Lannon Jr." The signature is written in a cursive style with a large, prominent initial "R".

Robert P. Lannon Jr, PE
Vice President

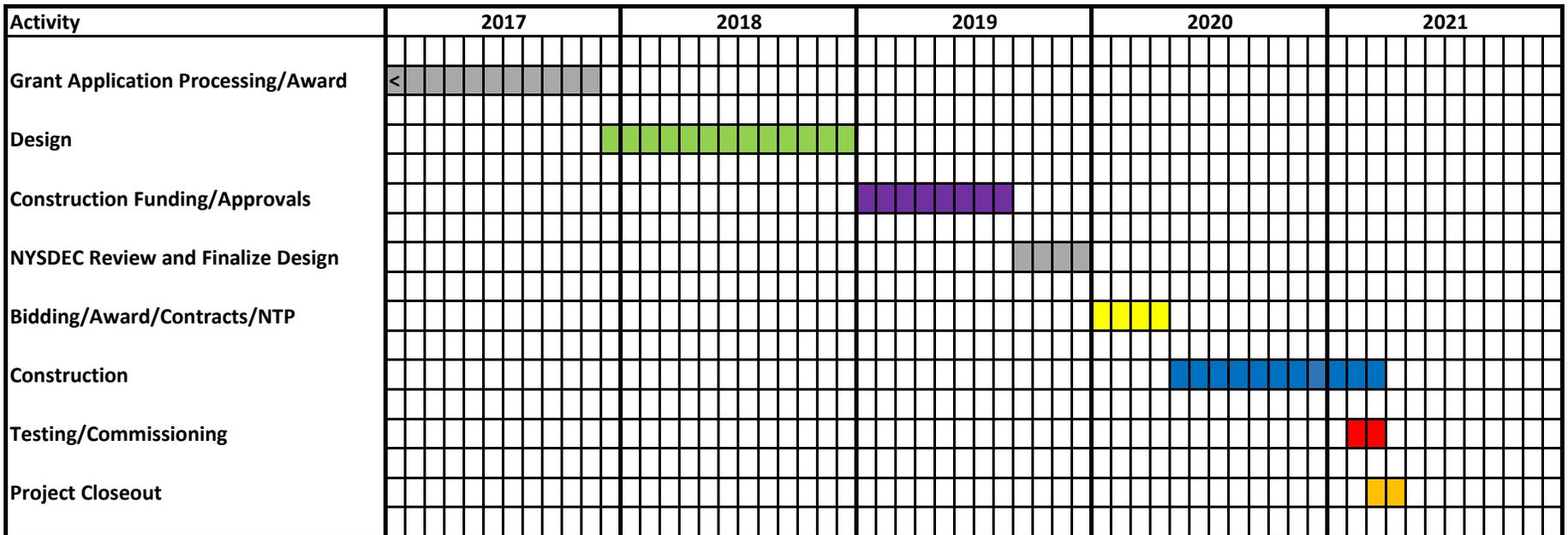
CWC/las/1

Attachment

cc: Theodore E. Donner, PE – CPL
Casey W. Cowan, PE – GHD

**Niagara Falls Water Board
 Hazard Mitigation Grant Program #4204-0003
 WWTP Protective Measures - Contract 68**

Figure 1 Project Schedule - September 29, 2019



Niagara Falls Wastewater Treatment Plant FEMA Protective Measures
Phase II Scope of Work / Project Summary
HMGP Project: 4204-0003
Niagara Falls, New York

The Niagara Falls Water Board (NFWB) Wastewater Treatment Plant (WWTP) has experienced serious flooding as a result of surcharging of the combined sewer collection system caused by intense rain events. During two documented flooding events in September 14, 1979 and July 19, 2013 the WWTP received significant physical damages and was placed out of service for long durations of time. In addition to the substantial damage at the WWTP, many residential basements were flooded within the service area due to sanitary sewer lateral backups. During intense rainfalls the conveyance capacity of the system can become fully consumed, causing flows to surcharge in the principal interceptor and its tributary sewers. Ultimately the rising surcharge causes catastrophic flooding at the WWTP and sewer collection system backups.

The NFWB proposes to provide flood protection for up to the 1% annual chance flood (100 year event) for the WWTP by relieving the combined sewer collection system. Proposed improvements are as shown on the Contract Drawings entitled “Niagara Falls Water Board Wastewater Treatment Plant Protective Measures” prepared by GHD and dated December 2018. The project will allow extreme flows to bypass the WWTP when there is high surcharge levels within the main influent sewer. The protection will be provided by a new sewer bypass relief connection to an existing 84-inch diameter tunnel, which will safely discharge the flows to the lower Niagara River.

The proposed mitigation and protective measures will take place in the front yard of the NFWB WWTP, located at 1201 Buffalo Avenue, Niagara Falls, New York 14303 (Lat: 43.081791° Long: -79.046353°) within the limits of the incorporated City of Niagara Falls. The WWTP is owned and operated by the NFWB. The total project cost is estimated at \$5,717,970 and it is anticipated that construction will require 11 months to complete after the notice to proceed is issued. The FEMA grant requires completion of construction by June 1, 2021.

Phase II grant funding includes construction of a proposed sewer bypass that will modify the WWTP’s main influent sewer junction chamber to allow for the installation of a new overflow chamber/weir. From the new overflow chamber/weir a 75 foot long, 8-foot wide by 4-foot high bypass sewer will be installed to convey flows toward a new drop shaft inlet structure. The drop shaft inlet structure will convey the flow to a new vertical flow drop shaft. The vertical drop shaft will have an inside diameter of 48 inches and serve to connect the drop shaft inlet structure to an existing 84-inch tunnel (tunnel was constructed by the International Paper Company (IPC) prior to the WWTP existence). The new vertical drop shaft will be drilled through approximately 25 feet of overburden soil and 140 feet of bedrock to penetrate the top of the existing brick-lined rock IPC Tunnel. In order to protect the IPC Tunnel from damage due to forces imparted by falling water, an energy-dissipating, stainless steel tunnel liner plate will be incorporated inside the tunnel at the base of the drop shaft. Once the discharge reaches the IPC Tunnel it will flow north for about 500-feet until it intercepts with the larger Adams Tailrace Tunnel (ATT) where it will then flow west until it discharge to the lower Niagara River at the main WWTP outfall.

The scope of work also includes the installation of a separate air release vent shaft, chamber, and vent pipe to stabilize and control air transport and release within the shaft and tunnel. An influent level metering and sampling system will also be incorporated into the overflow chamber and main influent sewer, which is a NYSDEC requirement. In order to accommodate the proposed project modifications, an existing storm sewer and gorge pump station force main drain will also be realigned. Lastly, the WWTP Supervisory Control and Data Acquisition system (SCADA) will incorporate remote monitoring of the proposed protective measures.

Below is the grant / project timeline:

October 30, 2012	4085 Hurricane Sandy HMGP declared
July 19, 2013	Intense rainfall and flooding in Niagara Falls
July 30, 2013	Letter of Intent submitted via online DHSES application
October 29, 2013	Application submitted via online DHSES application
December 7, 2013	HMGP Application Request for Information No. 1 received
December 13, 2013	Response to Request for Information No. 1 issued
December 21, 2013	Application advanced via online DHSES application
December 9, 2015	Updated budget and schedule provided to DHSES
May 18, 2016	Budget, FEMA Form 2015, and schedule updated for DHSES
January 13, 2017	Revised budget, FEMA Form 2015, and schedule updated for DHSES
April 20, 2017	Request for Information No. 2 received
May 19, 2017	Response to Request for Information No. 2 issued
July 10, 2017	Request for Information No. 3 received
July 18, 2017	Response to Request for Information No. 3 issued
November 13, 2017	FEMA awarded grant funding of \$156,053 for Phase I (Engineering)
December 14, 2018	FEMA/DHSES/NFWB/GHD Phase 1 kick-off meeting
January 8, 2018	NFWB and GHD met with NYSDEC to discuss the project
January 11, 2018	NFWB agreement with GHD for Phase 1 engineer design services
May 9, 2018	Conference call meeting with FEMA/DHSES/NFWB/GHD
June 14, 2018	30% design review conference call with FEMA/DHSES/NFWB/GHD GHD initiated NYS SEQR process sending our coordinated review letters
August 30, 2018	60% design review conference call with FEMA/DHSES/NFWB/GHD
September 26, 2018	GHD submits updated cost estimate with project costs estimated at \$5.7M
November 20, 2018	90% design review conference call with FEMA/DHSES/NFWB/GHD FEMA informs that there is no additional Federal money for the project
December 21, 2018	GHD final design submittal to FEMA/DHSES
February 28, 2019	Federal NEPA REC process completed – categorical exclusion issued
May 15, 2019	NYSDEC approves using \$1.55M of grant money for the project
July 18, 2019	FEMA approves grant funding of \$2,853,778 for Phase II (Construction)
June 1, 2021	FEMA grant completion/expiration

NFWB WWTP Protective Measures
 Cost Summary
 October 28, 2019

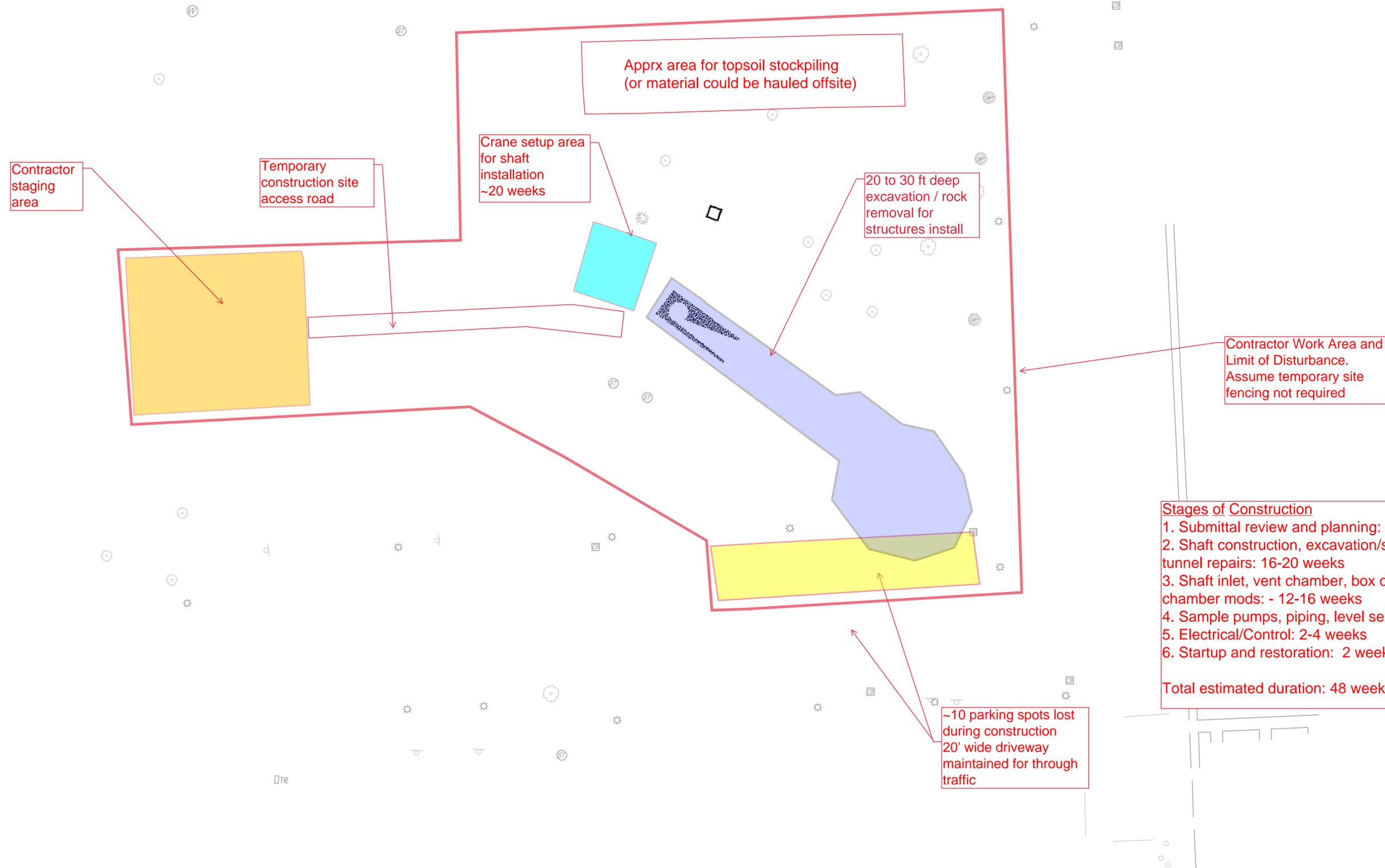
	Updated Budget	Percent of Total	Original Budget	Percent of Total
Phase I Costs - Design				
FEMA Grant	\$ 156,053	75%	\$ 156,053	75%
NFWB Share	\$ 52,018	25%	\$ 52,018	25%
Total	<u>\$ 208,070</u>		<u>\$ 208,071</u>	
Phase II Costs - Construction				
Engineering	\$ 325,700	6%	\$ 244,730	8%
Estimated Construction	\$ 4,469,000		\$ 2,791,570	
Contingency	\$ 715,200		\$ -	
Total	<u>\$ 5,509,900</u>		<u>\$ 3,036,300</u>	
FEMA Grant	\$ 2,853,778	52%	\$ 2,277,225	75%
DASNY Grant	\$ 1,328,061	24%	\$ -	0%
NFWB Share ^(1,2)	\$ 1,328,061	24%	\$ 759,075	25%
Total	<u>\$ 5,509,900</u>		<u>\$ 3,036,300</u>	
Phase I Plus II Total Costs	\$ 5,717,970		\$ 3,244,371	

Note:

⁽¹⁾ NYSDEC May 15, 2019 letter approved \$1.55M of DANSY grant funds for the NFWB share of the Phase II costs. However, that amount was based on 50% of the Phase II Costs not covered by the FEMA Grant, which at the time in the NYSDEC letter was estimated at \$3.1M.

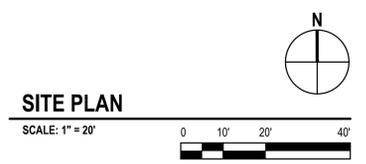
⁽²⁾ Assumes that DASNY will provide a 50% Grant of the Phase II Costs not covered by the FEMA Grant, up to a maximum of \$1,550,000.





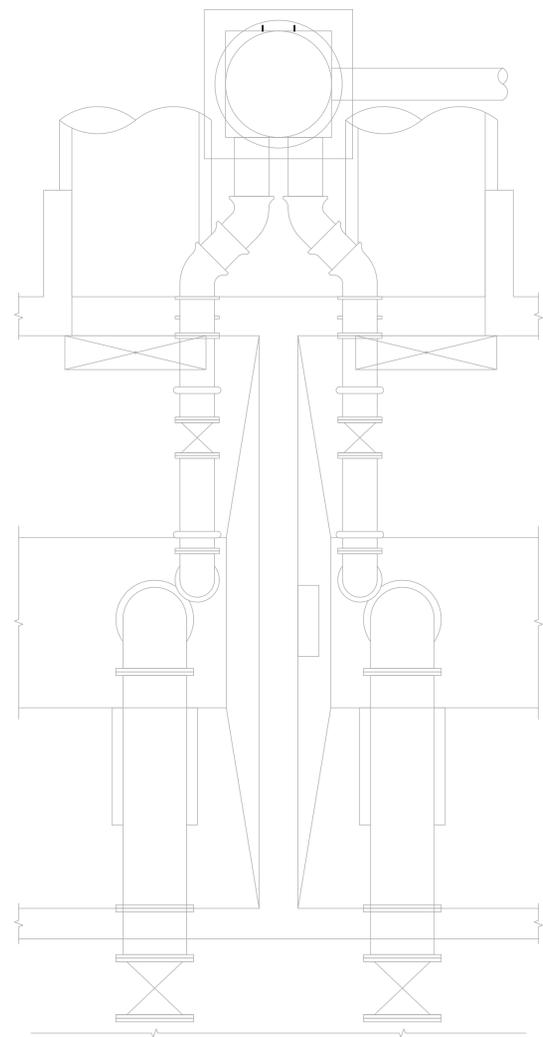
- Stages of Construction**
1. Submittal review and planning: 6 weeks
 2. Shaft construction, excavation/soldier piles, and tunnel repairs: 16-20 weeks
 3. Shaft inlet, vent chamber, box culvert, and junction chamber mods: - 12-16 weeks
 4. Sample pumps, piping, level sensors: 2-4 weeks
 5. Electrical/Control: 2-4 weeks
 6. Startup and restoration: 2 weeks
- Total estimated duration: 48 weeks**

- NOTES:**
1. PROVIDE TEST PITS TO LOCATE BURIED UTILITIES.
 2. VERTICAL CONTROL: ELEVATIONS AND CONTOURS SHOWN ON THIS MAP ARE BASED ON THE CITY OF NIAGARA FALLS DATUM (CNFD). BENCH MARK #1 (BM 1) ELEVATION = 570.00' (NFD), 571.20' (NGVD 1929), 570.66' (NAD83 / NAVD88)
 3. THE WORK AREA WAS PREVIOUSLY DISTURBED. PORTIONS OF FORMER TEMPORARY EXCAVATION SUPPORT SYSTEMS MAY HAVE BEEN LEFT IN PLACE. THE CONTRACTOR SHALL CONSIDER THIS IN THE FORMULATION OF THE BID.



FINAL DESIGN SUBMITTAL - NOT FOR CONSTRUCTION

D FINAL DESIGN SUBMITTAL - NOT FOR CONSTRUCTION RDC CWC 12/21/18					Notes Underground facilities, structures, and utilities have been plotted from available surveys and records, and therefore their locations must be considered approximate only. There may be others, the existence of which is presently not known. It is violation of New York State education law for any person, unless acting under the direction of a licensed professional engineer, to alter an item on this drawing in anyway. If an item is altered, the altering engineer shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and date of such alteration and a specific description of the alteration.	Bar is one inch on original size sheet 0 1"			GHD Consulting Services Inc. 285 Delaware Avenue, Suite 500 Buffalo NY 14202 USA T 1 716 856 2142 F 1 716 856 2160 W www.ghd.com	Drawn R. CHEVALIER Designer J. ROSMAN Client NIAGARA FALLS WATER BOARD
C ISSUED FOR 90% FEMA / NYSDEC REVIEW RDC CWC 11/09/18										Drafting Check J. ROSMAN Design Check C. COWAN Project WWTP PROTECTIVE MEASURES
B ISSUED FOR 60% REVIEW RDC CWC 08/23/18										Project Director R. LANNON Date DECEMBER 2018 Title PROPOSED SITE PLAN
A ISSUED FOR 30% REVIEW RDC CWC 06/06/18										Project No. 111-46200 Original Size Arch D Sheet No. 111-46200-C003
No.	Issue	Drawn	Approved	Date	This document shall not be used for construction unless signed and sealed for construction. Scale AS NOTED Original Size Arch D Sheet No. 111-46200-C003 Sheet 4 of 21					

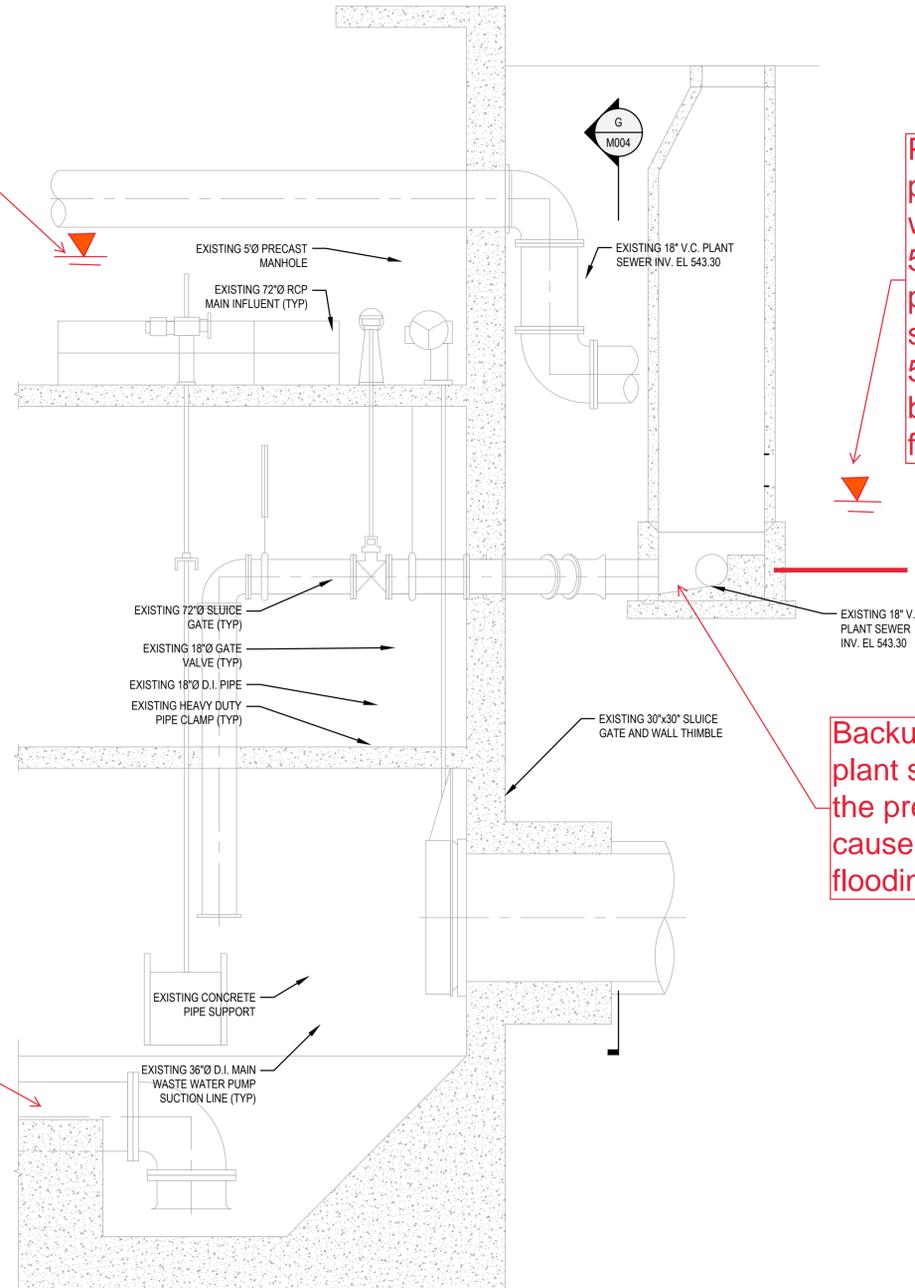


July 2013 Flood Level - 6 feet above the pump gallery floor

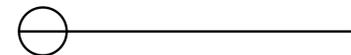
Proposed flood protection bypass weir set at Elev 544.30. Proposed peak flood water surface at Elev 546.00 or four feet below the gallery floor

Backup of this plant sewer was the previous cause for WWTP flooding

Main Pump Suction Piping



PLANT SEWER PLAN
SCALE 1/4"=1'-0"



				Bar is one inch on original size sheet 0 1"		Notes Underground facilities, structures, and utilities have been plotted from available surveys and records, and therefore their locations must be considered approximate only. There may be others the existence of which is presently not known.		Client M. GALLEY J. ROSMAN		Project NIAGARA WWTP PLANT S	
				Reuse of Documents This document and the ideas and designs incorporated herein are the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization. © 2018 GHD		It is violation of New York State education law for any person, unless acting under the direction of a licensed professional engineer, to alter an item on this drawing in any way. If an item is altered, the altering engineer shall affix to the item his/her seal and the notation "altered by" followed by his/her signature and date of such alteration and a specific description of the alteration.		Date GHD Consulting Services Inc. 285 Delaware Avenue, Suite 200 Buffalo NY 14202 USA T 716 856 2142 F 1 716 856 2143		Project No. 111-4620	
A ISSUED FOR 30% REVIEW				MRG CWC		Project Director This document shall not be used for construction unless signed and sealed for construction.		Date GHD Consulting Services Inc. 285 Delaware Avenue, Suite 200 Buffalo NY 14202 USA T 716 856 2142 F 1 716 856 2143		Project No. 111-4620	
No.	Issue	Drawn	Approved	Date			Scale		AS NOTED		Sheet of



FEMA

July 18, 2019

Anne Bink
Alternate Governor's Authorized Representative
New York State Division of Homeland Security & Emergency Services
1220 Washington Avenue
Building 7A – 4th Floor
Albany, New York 12242

RE: FEMA-4204-DR-NY
Hazard Mitigation Grant Program # 4204-0003
Niagara Falls Waste Water Treatment Plant Protective Measures
Niagara Falls Water Board
Phase II Approval

Dear Anne Bink:

Please be informed that approval is granted to the New York State Division of Homeland Security and Emergency Services' (DHSES) for funding of the Phase II project cost of the HMGP project number 4204-0003 for the Niagara Falls Waste Water Treatment Plant Protective Measures project. DHSES, as the grant recipient (hereinafter known as the Recipient), will administer this sub grant award to the Niagara Falls Water Board (hereinafter known as the Sub-recipient).

Phase II funding has been obligated in the amount of \$2,853,778 (50% federal share) to DHSES for the federally funded portion of the referenced sub grant. The total Phase II project cost includes the 50% federal share and a 50% local/state match of \$2,864,192 for a total project cost of \$5,717,970. Please note that at the time of this award the standard 75% federal funding share exceeded the available funding under DR-4204; the Sub-recipient committed to a local match exceeding the standard 25% for HMGP as outlined above. Phase II approval is contingent upon the fulfillment of all conditions identified by FEMA (see the attached COA).

The DR-4204 HMGP Period of Performance (POP) deadline of June 1, 2021 has been established for this grant program. DHSES must administer this sub-grant within the grant program POP. This POP provides ample time for the sub-recipient to complete all activities identified within the approved scope of work, and to address any potential delays that may arise due to permitting requirements, weather conditions or other unforeseen circumstances. It also includes sufficient time for DHSES to conclude its administrative contract requirements after the project is completed.

The Phase II approved Scope of Work (SOW) will be constructed in accordance with all Phase I final design documents prepared by GHD Consulting Services and dated December 2018. This SOW will provide flood protection from up to the 1% annual chance flood (100-year event) for the Niagara Falls Water Board WWTP by relieving the combined sewer collection system. All improvements are as shown on the Contract Drawings entitled “Niagara Falls Water Board Wastewater Treatment Plant Protective Measures” and explained in the phase II scope of work narrative prepared by GHD and dated December 2018. The project will allow extreme flows to bypass the WWTP when there are high surcharge levels within the main influent sewer. The protection will be provided by a new sewer bypass relief connection to an existing 84-inch diameter tunnel, which will safely discharge the flows to the lower Niagara River.

Any change to the approved SOW must be submitted to FEMA for consideration and approval prior to implementation. This includes any potential extension of the sub recipient project schedule as identified within the conditions of approval. Execution of any modification to the approved scope of work without prior FEMA approval may jeopardize funding for the sub grant project. In accordance with 2 CFR Part 200, the Recipient must ensure that Sub-recipients are aware of requirements imposed upon them by Federal Statute and regulations.

FEMA urges your office to meet with the Sub-recipient to review the project requirements as soon as possible. At this meeting, please discuss in detail the COA and project schedule including quarterly performance reporting and fiscal documentation requirements. FEMA is available to assist the Recipient and Sub-recipient in the implementation of this project.

As always, the FEMA Region 2 mitigation staff are available to meet with the Recipient to provide technical assistance upon request. If you have any questions, or if we can be of further assistance, please contact Robert Tranter the Region 2 Hazard Mitigation Branch Chief at (212) 680-3628.

Sincerely,

for

Michael F. Moriarty
Director
Mitigation Division

Attachment: Conditions of Approval (COA)
Record of Environmental Consideration

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Office of Water Resources, Deputy Commissioner
625 Broadway, 14th Floor, Albany, New York 12233-1010
P: (518) 402-2794 | F: (518) 402-8541
www.dec.ny.gov

May 15, 2019

Mr. Daniel T. O'Callaghan
Chairman
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, New York 14304

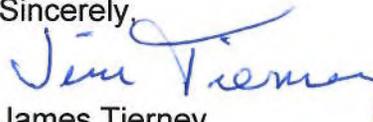
Dear Mr. O'Callaghan:

The New York State Department of Environmental Conservation (DEC) understands that the Niagara Falls Water Board wishes to move forward with its Protective Measures Contract with the Department of Homeland Security and FEMA. The approximate cost of this project is \$5.72M, \$2.62M of which will be funded by FEMA. NYSDEC approves the use of \$1.55M from Phase II of the DASNY grants awarded to the NFWB last year.

In addition, DEC approves of the proposal to relocate Outfall 003 from the Falls Street Tunnel to the Gorge Pump Station (Alternative 4 from NFWB's response to Item 14 of Order on Consent R9-20170906-129). DEC also approves funding half of this project from Phase II of the DASNY grants awarded to NFWB last year. The cost is estimated to be \$1.7M, of which approximately \$850,000 would be funded from Phase II of the DASNY grants.

Please contact me if you have any questions.

Sincerely,



James Tierney
Deputy Commissioner
Water Resources

ec: John Kolaga, Esq. (Kolaga@ruppbaase.com)
Maureen Brady, Esq.
Mr. Christopher LaLone, P.E.
Mr. Jeffrey Konsella, P.E.
Mr. Robert Locey, P.E.



AWARDING BID FOR WWTP PROJECT 4: GRANULATED ACTIVATED CARBON AND CARBON FILTER SUPPORT GRAVEL REPLACEMENT

WHEREAS, the Niagara Falls Water Board (“Water Board”) Wastewater Treatment Plant (“WWTP”) utilizes a granulated active carbon filter system, and the carbon and carbon filter support gravel in some of the filters needs to be replaced (“the Project”); and

WHEREAS, the New York State Department of Environmental Conservation and Dormitory Authority of the State of New York have authorized the Water Board to use funds from the State and Municipal Facilities Program (“SAM”) Phase I – Upgrade and Improve the Niagara Falls Waste Water Treatment Plant (Project ID: #15688) grant towards half of the Water Board’s costs for the Project; and

WHEREAS, the Water Board has budgeted a total of \$2,000,000 in its capital plan for the Project; and

WHEREAS, design documents and bid specifications for the Project were prepared by AECOM, and the total authorized fee for AECOM’s services including construction administration and inspection in connection with the Project is \$201,160; and

WHEREAS, the bid for the Project work duly was advertised, and two bids were received for the Project; and

WHEREAS, the low bidder for the base bid to replace carbon in nine filters and gravel in five filters was Carbon Activated Corporation at a total base bid of \$1,273,500; and

WHEREAS, the bid specifications also contained an alternate for the replacement of carbon in additional filters subject to the availability of funds, and Carbon Activated Corporation’s price per additional filter is \$107,500; and

WHEREAS, AECOM recommends the award of the bid to Carbon Activated Corporation; and

WHEREAS, the Water Board wishes to authorize replacement of carbon in additional filters as part of its award of the bid, subject to mutual agreement between AECOM and Water Board staff that the additional filter replacement(s) are necessary and subject to the overall cost of the Project plus engineering fees not exceeding the funds allocated to the Project under the Water Board’s approved Capital Improvement Plan; and

WHEREAS, after subtracting AECOM’s engineering fees, the total funds remaining of the \$2,000,000 allocated in the Water Board approved Capital Improvement Plan for the Project equal \$1,798,840;

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby awards to Carbon Activated Corporation the base bid for the Project of \$1,273,500; and

IT IS FURTHER RESOLVED, that the Water Board hereby authorizes total payments to Carbon Activated Corporation of up to \$1,798,840 pursuant to this resolution to permit both the work contemplated by the base bid plus the replacement of carbon in additional filters while keeping the Project within the overall allocation of \$2,000,000 established in the Water Board approved Capital Improvement Plan for the Project;

IT IS FURTHER RESOLVED, that Carbon Activated Corporation must meet the contract's M/WBE requirements or secure a partial waiver of those requirements in order to be eligible for full payment from the Water Board.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
2019 CIP Item No. WWTP 4

On November 25, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Forster	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman O'Callaghan	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Daniel T. O'Callaghan, Chairperson

Sean W. Costello, Secretary to Board



November 14, 2019

Mr. Patrick Fama, Executive Director
Niagara Falls Water Board
5818 Buffalo Avenue
Niagara Falls, New York 14304

RE: Recommendation for Contract Award
NFWB Project 4: Granular Activated Carbon and Carbon Filter Support Gravel Replacement

Dear Mr. Fama:

AECOM has reviewed the bids submitted November 12, 2019 for the NFWB Project 4: Granular Activated Carbon and Carbon Filter Support Gravel Replacement Project (see attached bid tabulation) and recommends the NFWB award the contract to Carbon Activated Corporation for the amount of \$1,798,840, which constitutes the remaining project budget for Project 4, based upon a budgeted cost of \$2 million dollars, and awarded engineering costs of \$201,160. This amount will include the base bid work (\$1,273,500) along with four (4) additional carbon filters that will receive new activated carbon at a bid of \$107,500 per filter (Bid Item 4). The total estimated value of Carbon Activated’s work will be:

Base Bid:	\$1,273,500
4 Additional Filters at \$107,500	\$430,000
Total:	\$1,703,500

This leaves a contingency of \$95,230 in the contract amount in addition to the Bid Item 3 Contingency of \$50,000. It is possible that if the Bid Item 3 contingency is not used during the project, that the NFWB may be able to change carbon in five (5) additional filters, rather than four (4). This would be the desired outcome, as the NFWB wastewater plant should change carbon in as many filters as possible.

There were no math errors or other irregularities in the bids received. The bids compare favorably with the expected construction cost of \$1,705,000 (engineer’s estimate) which is also shown in the bid tabulation table.

We further recommend that the NFWB carefully review Carbon Activated’s M/WBE and apprenticeship submissions as the bidder has requested M/WBE waivers and is stating that there are no NYSDOL approved apprenticeship programs applicable to the proposed work. Our recommendation to award the work is contingent upon the NFWB approving Carbon Activated’s M/WBE and apprenticeship submissions. Please note that the other responsive bid (submitted by Mark Cerrone Inc.) provided 100% WBE participation (other than material costs) as they are a WBE firm, no MBE participation, and also claimed that there are no NYSDOL approved apprenticeship programs applicable to the proposed work.

AECOM
257 West Genesee Street Suite 400
Buffalo, NY 14202
Tel: 716.856.5636
Fax: 716.856.2545

J:\Projects\60603095_NFWB_P4GAC\400_Technical\Bid Phase\Bid Tabulation\Letter of recommendation 11 13 19.docx

MR. PATRICK FAMA
NOVEMBER 14, 2019

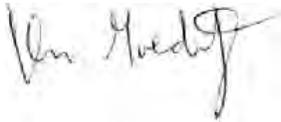
PAGE 2 OF 2

AECOM has received \$400 in payments for purchase of plans and specifications. We have not refunded any funds to Contractors for returning their plans and specifications. We will hold the remaining monies until after the work is awarded at the November 2019 Board meeting. At that time, we will turn all remaining money over to the NFWB.

If you have any questions, please call AECOM at 856-5636.

Sincerely,

AECOM

A handwritten signature in black ink, appearing to read "John Goeddertz".

John G. Goeddertz, Ph.D.
Project Manager

Attachment: Bid Tabulation (Complete)
Bid Tabulation (w/Engineer's Estimate only)
Bid Tabulation (short form, suitable for release to Contractors or other parties requesting it)

SUMMARY OF PROPOSALS RECEIVED FOR:

NFWB Project 4: Granular Activated Carbon and Carbon Filter Support Gravel Replacement
 Niagara Falls Water Board
 5815 Buffalo Avenue, Niagara Falls, NY 14304

BID OPENING:

Date: Tuesday 11/12/2019
 Time: 2:00 PM
 Place: NFWB Water Plant

BID TAB

Bid Item	Description	Quantity	Unit	Carbon Activated Corp. 3774 Hoover Road Blasdell, New York 14219		Mark Cerrone Inc. 2368 Maryland Ave PO Box 3009 Niagara Falls, NY 14304-7301	
				Unit Cost	Total Cost	Unit Cost	Total Cost
1	Removal, Disposal, Clean and Inspection of Filter Interior				\$411,500.00		\$300,375.00
1A	Carbon Removal	9	Each	\$29,500.00	\$265,500.00	\$29,750.00	\$267,750.00
1B	Support Gravel Removal	5	Each	\$29,200.00	\$146,000.00	\$6,525.00	\$32,625.00
2	Replacement Carbon and Gravel				\$812,000.00		\$1,328,500.00
2A	Replacement Carbon	9	Each	\$78,000.00	\$702,000.00	\$138,000.00	\$1,242,000.00
2B	Replacement Gravel	5	Each	\$22,000.00	\$110,000.00	\$17,300.00	\$86,500.00
3	Contingency				\$50,000.00		\$50,000.00
3	Contingency	1	Lump Sum	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
4	Alternate Bid Item				\$107,500.00		\$0.00
4	GAC Removal, Replacement, Tank Cleaning & Inspection	0 - 10	Each				
TOTAL BID AMOUNT					\$1,273,500.00		\$1,678,875.00

NIAGARA FALLS WATER BOARD RESOLUTION # 2019-11-003

EXTENDING BID FOR GRANULATED ACTIVE CARBON SUPPLY AND REMOVAL

WHEREAS, in 2018 the Niagara Falls Water Board (“Water Board”) was assisted by the City of Niagara Falls Purchasing Department in soliciting bids for granulated activated carbon supply and removal under bid No. W2018-08; and

WHEREAS, by Resolution No. 2018-11-007, the Niagara Falls Water Board awarded the bid for granulated activated carbon supply and removal to Carbon Activated Corporation USA as the low bidder; and

WHEREAS, the bid for granulated activated carbon supply and removal provides that:

The term of this contract/agreement shall be from January 1, 2019 through December 31, 2019. If mutually agreeable to the successful vendor and Board, this contract/agreement may be extended one additional year, through December 31, 2020, under the same terms, conditions and specifications. All pricing must remain firm for the entire aforementioned term(s).; and

WHEREAS, Water Board staff recommend the extension of the bid through December 31, 2020;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes the extension of the contract with Carbon Activated Corporation USA for activated carbon supply and removal through December 31, 2020.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
GA-0419.012

On November 25, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Forster	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman O'Callaghan	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Daniel T. O'Callaghan, Chairperson

Sean W. Costello, Secretary to Board



TO: The Niagara Falls Water Board
FROM: Rolfe Porter
Executive Director
DATE: November 16, 2018
SUBJECT: **Bid #W2018-08 Granular Activated Carbon Supply and Removal**

We respectfully request you award the above referenced bid per the enclosed tally sheet as follows:

TO: Carbon Activated Corporation USA
3774 Hoover Road
Blasdell, New York 14219
FOR: Items #1 – 4, per the attached tally sheet

The Purchasing Agent certifies that all bids were solicited in accordance with Section 103 of the General Municipal Law.

Notice that bids were to be received was advertised in the Niagara Gazette and bid requests were sent to fourteen (14) companies. Two (2) bids were received. The above referenced company submitted the lowest overall bid which meets the specifications.

Funds for this expenditure are available in the Water Board budget code GA.8130.0100.0419.012.

Respectfully submitted,

Rolfe Porter
Executive Director, NFWB



Douglas A. Janese, Jr.
Purchasing Agent, CNF

DAJ: lkh
Enc.

FORSTER _____ KIMBLE _____ LARKIN _____ LEFFLER _____ O'CALLAGHAN _____

5815 Buffalo Avenue • Niagara Falls, New York 14304 • 716 283-9770 • FAX 716 283-9748

www.nfwb.org

OFFICIAL TALLY SHEET

BID # W2018-08 GRANULAR ACTIVATED CARBON SUPPLY & REMOVAL PAGE 1 of 1
 BID OPENING: NOVEMBER 14, 2018 11:00 AM

ITEM(S)	Calgon Carbon Corporation 3000 GSK Drive Moon Township, PA 15108	Carbon Activated Corporation, USA 3774 Hoover Road Blasdell, NY 14219	XXXX
Four (4) items:			
1. 40 tons, more or less, granular activated carbon (GAC), Standard make-up grade , per the attached specifications:	Filtrisorb 300 \$2360.00/ton	\$2600.00/ton	
2. 20 tons, more or less, granular activated carbon (GAC), Inventory renewal grade , per the attached specifications:	Filtrisorb 820 \$2560.00/ton	\$2650.00/ton	
3. 260 tons, more or less, granular activated carbon (GAC), Recycled, reactivated grade , per the attached specifications:	DSR-C 8x30 \$940.00/ton	\$1000.00/ton	
4. 300 tons, more or less, removal and disposal/reuse of spent granular activated carbon (GAC) currently in use at the Board's treatment facility, per the attached specifications:	\$200.00/ton	\$95.00/ton	
TOTAL	\$450,000.00	\$445,500.00	
NET COST ITEM #1	\$94,400.00	\$104,000.00	
NET COST ITEM #2	\$51,200.00	\$53,000.00	
NET COST ITEM #3	\$244,400.00	\$260,000.00	
NET COST ITEM #4	\$60,000.00	\$28,500.00	

NIAGARA FALLS WATER BOARD RESOLUTION # 2019-11-004

EXTENDING BID FOR PRIMARY TREATMENT POLYMER

WHEREAS, the Niagara Falls Water Board (“Water Board”) wastewater treatment plant (“WWTP”) requires the use of various chemicals in the process of treating wastewater; and

WHEREAS, one such chemical which must be purchased for use at the WWTP is a primary treatment polymer; and

WHEREAS, in 2018, with the assistance of City of Niagara Falls Purchasing, Water Board staff developed specifications for the required primary treatment polymer under Bid No. W2018-06; and

WHEREAS, by Resolution No. 2018-09-004, the Niagara Falls Water Board awarded the bid for primary treatment polymer to Slack Chemical Company, Inc., as the low bidder; and

WHEREAS, the bid for primary treatment polymer provides that:

The term of this contract/agreement shall be for one (1) year from the date of award. If mutually agreeable to the successful vendor and Board, this contract/agreement may be extended annually for up to two (2) years upon the same terms and conditions. All pricing must remain firm for the entire aforementioned terms.; and

WHEREAS, Water Board staff recommend the extension of the bid through December 31, 2020;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes the extension of the contract for primary treatment polymer with Slack Chemical Company, Inc., through December 31, 2020.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
GA-0419.016

On November 25, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Forster	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman O'Callaghan	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Daniel T. O'Callaghan, Chairperson

Sean W. Costello, Secretary to Board



TO: The Board
FROM: Rolfe Porter
Executive Director
DATE: September 10, 2018
SUBJECT: Bid #W2018-06 Primary Treatment Polymer

We respectfully request you award the above referenced bid as follows:

TO: **Slack Chemical Company, Incorporated**
P.O. Box 30
Carthage, New York 13619-0030
FOR: Primary Treatment Polymer (Silverstar Sta l'loc 5368 – Niagara 3rd, also known as SNF FLOPAM
AN 934 WHM) \$ 1.39/lb.

The City Purchasing Department certifies that all bids were solicited in accordance with Section 103 of the General Municipal Law.

Notice that bids were to be received was advertised in the Niagara Gazette and bid requests were sent to thirteen (13) vendors. Five (5) responses were received, which included three (3) "No Bid" responses. The above referenced vendor submitted its bids based on the price per pound and the estimated number of pounds required annually for its products. The estimated annual usage is based on laboratory testing by staff of the Niagara Falls Water Board for each polymer submitted.

Funds for this expenditure are available in the Niagara Falls Water Board budget code GA.8130.0100.0419.016.

Will the Board so approve?

Respectfully submitted,

Rolfe Porter
Executive Director, NFWB



Douglas A. Janese, Jr.
Purchasing Agent

DAJ: lkh
Enc.

FORSTER _____ **KIMBLE** _____ **LARKIN** _____ **LEFFLER** _____ **O'CALLAGHAN** _____

5815 Buffalo Avenue • Niagara Falls, New York 14304 • 716 283-9770 • FAX 716 283-9748

www.nfwb.org

OFFICIAL TALLY SHEET

BID # W2018-06 PRIMARY TREATMENT POLYMER (NFWB)
 BID OPENING: SEPTEMBER 5, 2018 11AM

PAGE 1 OF 1
 SET 1 OF 2

ITEMS (2)		GEO Specialty Chemicals Attn: Brenda Owens 9213 Arch Street Pike Little Rock, AR 72206	Slack Chemical Company, Inc. PO Box 30 Carthage, NY 13619-0030	Coyne Chemical 3015 State Road Croydon, PA 19021-6997
1.	Primary Treatment Polymer (unit price per pound):	NO BID	Quantity: 15,000 lbs. Silverstar Sta Flocc 5368 – Niagara 3 rd \$1.39/ib.	NO BID
2.	Primary Treatment Polymer (unit price per pound):	NO BID	N/A	NO BID
NOTES:				

OFFICIAL TALLY SHEET

BID # W2018-06 PRIMARY TREATMENT POLYMER (NFWB)
 BID OPENING: SEPTEMBER 5, 2018 11AM

PAGE 1 OF 1
 SET 2 OF 2

ITEMS (2)		Solenis, LLC Attn: Suzanne Brown 3 Beaver Valley Road Suite 500 Wilmington, DE 19803	Polydyne, Incorporated One Chemical Plant Road PO Box 279 Riceboro, GA 31323	XXX
1.	Primary Treatment Polymer (unit price per pound):	Quantity: 24, 096 lbs. Solenis, LLC Praestol 2540 \$1.48 / lb.	NO BID	
2.	Primary Treatment Polymer (unit price per pound):	Quantity: 24, 096 lbs. Solenis, LLC Praestol 2640 \$1.56 / lb.	NO BID	
	NOTES:			

EXTENDING BID FOR SLUDGE DEWATERING POLYMER

WHEREAS, the Niagara Falls Water Board (“Water Board”) wastewater treatment plant (“WWTP”) requires the use of various chemicals in the process of treating wastewater; and

WHEREAS, one such chemical which must be purchased for use at the WWTP is a sludge dewatering polymer; and

WHEREAS, in 2018, with the assistance of City of Niagara Falls Purchasing, Water Board staff developed specifications for the required sludge dewatering polymer under Bid No. W2018-07; and

WHEREAS, by Resolution No. 2018-12-012, the Niagara Falls Water Board awarded the bid for sludge dewatering polymer to Solenis, LLC, as the low bidder; and

WHEREAS, the bid for sludge dewatering polymer provides that:

The term of this contract/agreement shall be for one (1) year from the date of award. If mutually agreeable to the successful vendor and Board, this contract/agreement may be extended annually for up to two (2) years upon the same terms and conditions. All pricing must remain firm for the entire aforementioned terms.; and

WHEREAS, Water Board staff recommend the extension of the bid through December 31, 2020;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes the extension of the contract for sludge dewatering polymer with Solenis, LLC, through December 31, 2020.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
GA-0419.017

On November 25, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Forster	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman O'Callaghan	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Daniel T. O'Callaghan, Chairperson

Sean W. Costello, Secretary to Board



TO: The Board
FROM: Rolfe Porter
Executive Director
DATE: September 10, 2018
SUBJECT: Bid #W2018-07 Sludge Dewatering Polymer

We respectfully request you award the above referenced bid as follows:

TO: Solenis, LLC
Attn: Suzanne Brown
3 Beaver Valley Road, Suite 500
Wilmington, Delaware 19803
FOR: Sludge Dewatering Polymer (Praestol 857 BS) \$ 1.89/lb.

The City Purchasing Department certifies that all bids were solicited in accordance with Section 103 of the General Municipal Law.

Notice that bids were to be received was advertised in the Niagara Gazette and bid requests were sent to sixteen (16) vendors. Six (6) responses were received, which included three "No Bid" responses. The above referenced vendor submitted its bids based on the price per pound and the estimated number of pounds required annually for its products. The estimated annual usage is based on laboratory testing by staff of the Niagara Falls Water Board for each polymer submitted.

Funds for this expenditure are available in the Niagara Falls Water Board budget code GA.8130.0100.0419.016.

Will the Board so approve?

Respectfully submitted,

Rolfe Porter
Executive Director, NFWB


Douglas A. Janese, Jr.
Purchasing Agent

DAJ: lkh
Enc.

FORSTER ___ KIMBLE ___ LARKIN ___ LEFFLER ___ O'CALLAGHAN ___

OFFICIAL TALLY SHEET

BID # W2018-07 SLUDGE DEWATERING POLYMER (NFWB)
 BID OPENING: AUGUST 29, 2018 11AM

PAGE 1 OF 1
 SET 1 OF 2

ITEMS (2)		GEO Specialty Chemicals Attn: Brenda Owens 9213 Arch Street Pike Little Rock, AR 72206	Slack Chemical Company, Inc. PO Box 30 Carthage, NY 13619-0030	Coyne Chemical 3015 State Road Croydon, PA 19021-6997
1.	Sludge Dewatering Polymer (unit price per pound):	NO BID	Quantity: 20,000 lbs. Polydyne, Inc. Stayfloc 6532 – Niagara 3 rd (direct ship) \$1.77/lb.	NO BID
2.	Sludge Dewatering Polymer (unit price per pound):	NO BID	Quantity: 20,000 lbs. Polydyne, Inc. Stayfloc 6639 – Niagara 3 rd (direct ship) \$1.77/lb.	NO BID
NOTES:				

OFFICIAL TALLY SHEET

BID # W2018-07 SLUDGE DEWATERING POLYMER (NFWB)
 BID OPENING: AUGUST 29, 2018 11AM

PAGE 1 OF 1
 SET 2 OF 2

ITEMS (2)		Polydyne, Incorporated One Chemical Plant Road PO Box 279 Riceboro, GA 31323	***Solenis, LLC Attn: Suzanne Brown 3 Beaver Valley Road Suite 500 Wilmington, DE 19803	***Applied Specialties, Incorporated 33555 Pin Oak Parkway Avon Lake, OH 44012
1.	Sludge Dewatering Polymer (unit price per pound):	NO BID	6.25 lbs. / ton = 22,500 lbs. Solenis, LLC Praestol 857 BS Powder 674010 \$1.89/lb.	TBD from testing SNF AS-3770 \$2.84/lb.
2.	Sludge Dewatering Polymer (unit price per pound):	NO BID	6.25 lbs. / ton = 22,500 lbs. Solenis, LLC Praestol 859 BS Powder 658455 \$2.08/lb.	TBD from testing SNF AS-3780 \$2.94/lb.
	***NOTES:		***Solenis has not received the official lab results as of August 27, 2018.	***AS-3770 and AS-3780 are both available in 55 lb. bags. Full pallet will be 2200 lbs. (40 x 55 lb. bags).

PURCHASE OF SLUDGE SCREW

WHEREAS, the Niagara Falls Water Board (“Water Board”) wastewater treatment plant (“WWTP”) sedimentation basin system utilizes screws to transport sludge; and

WHEREAS, for continued reliable operation of the sedimentation basin system, WWTP staff have recommended the purchase of a new 24” sludge screw approximately 56 feet in length; and

WHEREAS, Water Board staff solicited quotes for the new sludge screw, and recommend that the sludge screw be purchased for \$17,368.90 from Kaman Industrial Technologies;

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes the purchase of a new sludge screw from Kaman Industrial Technologies for a total sum not to exceed \$17,368.

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

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

On November 25, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Forster	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman O’Callaghan	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Daniel T. O’Callaghan, Chairperson

Sean W. Costello, Secretary to Board

Q U O T A T I O N

FROM
245 COOPER AVENUE

NUMBER I355441

PAGE 1 OF 1

NUMBER I355441

TONAWANDA NY 14150-6642

T
O

NIAGARA FALLS WATER BOARD
5815 BUFFALO AVE

NIAGARA FALLS NY 14304-3832

SHIP TO

NIAGARA FALLS WASTE WATER
1200 BUFFALO AVENUE

NIAGARA FALLS NY 14302

ACCOUNT NO	SALESMAN	SHIP VIA	SHIP DATE	TAX	BRANCH NO	PO / TAG ORDER NUMBER		
137359	C8	QUOTE-ERIC	04-NOV-19	NNNN	00232			
SEQ.	ITEM DESCRIPTION		ORDERED	BACK ORDERED	SHIPPED	U/M	PRICE	EXTENSION
	***** QUOTE **** QUOTE ** QUOTE ** QUOTE ** QUOTE **** QUOTE *****							
	***** QUOTE **** QUOTE ** QUOTE ** QUOTE ** QUOTE **** QUOTE *****							
1	MSG SLUDGESCREW INLET_24"ODX24"PITCH 335" LG 1		1	0	0	EA	8698.340	8698.34
2	MSG SLUDGESCREW DISCHARGE_24"ODX24"PITCH 332" LG 1		1	0	0	EA	8670.560	8670.56
DRAWING DELIVERY: 15 WORK DAYS AFTER RECEIPT OF ORDER. ADDITIONAL TIME MAY BE REQUIRED FOR DRAWINGS RETURNED WITH CHANGES. SCHEDULED SHIP DATE : 30 WORK DAYS AFTER FINAL CORRECTIONS TO YOUR FINAL APPROVAL DRAWINGS. ACCEPTANCE OF A PURCHASE ORDER IS SUBJECT TO CREDIT APPROVAL. PURCHASE ORDER IS NON-CANCELLABLE AND NON-RETURNABLE.								
							TAX	0.00
INITIAL: DFC		BUYER: ERIC SMITH	RESALE: 56-2371487				17,368.90	
QUOTE EXPIRES: 04-DEC-19		CUSTOMER TELEPHONE: (716)283-9770	BUS:(716)874-7565 FAX:(716)874-7579					

This Quotation is Expressly Limited To, And Expressly Made Conditional On, Buyer's Acceptance Of The Terms And Conditions Of Sale Located At www.kamandirect.com/terms. Seller Objects To Any Different Or Additional Terms. - All Currency is in USA Dollars.

CORE WELDING

2386 LOCKPORT ROAD P.O. BOX 209
SANBORN, NEW YORK 14132
(716) 731-9310

September 4, 2019

Niagara Falls Water Board

Attn: Eric Smith

Price to fabricate one (1) two-piece 24" left hand screw.

Schedule 80 pipe

Bushed & 2- bolt drilled for 3 7/16" shaft

(1) Section 27' 8"

(1) Section 26' 8 5/8"

Hard-faced to 2"

Prime painted

\$32009.00 Thirty-two thousand nine dollars and 00/100

Approximately 8 weeks delivery.

Terms: One third due when placing order. Balance Net 30 days upon invoicing when job completed.

Bruce Pierce

Eric Smith

From: Jim Kelly <jimk@frederickmachine.com>
Sent: Tuesday, November 05, 2019 5:45 PM
To: Eric Smith
Subject: Conveyor Screws

Eric,

Pursuant to our meeting earlier today I suggest contacting a local distributor for Martin such as Kaman or Root and Neal as this would be the most economical way to purchase replacement screws

With that being said, Frederick Machine will not be offering a proposal for these components

We sincerely appreciate you thinking of us and we look forward to hearing from you in the future

--

James M Kelly
Frederick Machine & Manufacturing, Inc.
Tel: (716) 892-1425
Fax: (716) 892-1426

PURCHASE OF GRIT SCREW

WHEREAS, the Niagara Falls Water Board (“Water Board”) wastewater treatment plant (“WWTP”) employs a screw in its grit transportation system; and

WHEREAS, for continued reliable operation of the grit transportation system, WWTP staff have recommended the purchase of a new 16” grit screw approximately 52 feet in length; and

WHEREAS, Water Board staff solicited quotes for the new grit screw, and recommend that the grit screw be purchased for \$19,319.16 from Kaman Industrial Technologies;

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes the purchase of a new grit screw from Kaman Industrial Technologies for a total sum not to exceed \$19,319.16.

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

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

On November 25, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Forster	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman O’Callaghan	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Daniel T. O’Callaghan, Chairperson

Sean W. Costello, Secretary to Board

Q U O T A T I O N

FROM
245 COOPER AVENUE

NUMBER H600556

PAGE 1 OF 1

NUMBER H600556

TONAWANDA NY 14150-6642

TO
 NIAGARA FALLS WATER BOARD
 5815 BUFFALO AVE
 NIAGARA FALLS NY 14304-3832

SHIP TO

NIAGARA FALLS WASTE WATER
 1200 BUFFALO AVENUE

NIAGARA FALLS NY 14302

ACCOUNT NO	SALESMAN	SHIP VIA	SHIP DATE	TAX	BRANCH NO	PO / TAG ORDER NUMBER		
137359	C8	QUOTE-ERIC	04-NOV-19	NNNN	00232			
SEQ.	ITEM DESCRIPTION	ORDERED	BACK ORDERED	SHIPPED	U/M	PRICE	EXTENSION	
1	***** QUOTE ***** QUOTE ** QUOTE ** QUOTE ** QUOTE ** QUOTE ***** ***** QUOTE ***** QUOTE ** QUOTE ** QUOTE ** QUOTE ** QUOTE ***** MSG GRITSCREW DISCHARGEEND_16"ODX16"PITCH 329"LG. 1 ACCEPTANCE OF A PURCHASE ORDER IS SUBJECT TO CREDIT APPROVAL	1	0	0	EA	9998.570	9998.57	
2	MSG GRITSCREW INLETEND_16"ODX16"PITCH 296 1/4" LG 1 DRAWING DELIVERY: 15 WORK DAYS AFTER RECEIPT OF ORDER. ADDITIONAL TIME MAY BE REQUIRED FOR DRAWINGS RETURNED WITH CGANGES. SCHEDULED SHIP DATE: 30 WORK DAYS AFTER FINAL CORRECTIONS TO YOUR FINAL APPROVAL DRAWINGS. ACCEPTANCE OF A PURCHASE ORDER IS SUBJECT TO CREDIT APPROVAL PURCHASE ORDER IS NON-CANCELLABLE AND NON-RETURNABLE.	1	0	0	EA	9320.590	9320.59	
						TAX	0.00	
INITIAL: DFC	BUYER: ERIC SMITH	RESALE: 56-2371487					19,319.16	
QUOTE EXPIRES: 04-DEC-19	CUSTOMER TELEPHONE: (716) 283-9770	BUS: (716) 874-7565 FAX: (716) 874-7579						

This Quotation is Expressly Limited To, And Expressly Made Conditional On, Buyer's Acceptance Of The Terms And Conditions Of Sale Located At www.kamandirect.com/terms. Seller Objects To Any Different Or Additional Terms. - All Currency is in USA Dollars.

CORE WELDING

2386 LOCKPORT ROAD P.O. BOX 209
SANBORN, NEW YORK 14132
(716) 731-9310

August 8, 2019

Niagara Falls Water Board

Attn: Eric Smith

Price to fabricate one (1) two-piece 16" diameter screw. Right hand thread.

Schedule 80 pipe.

(1) Section 27' 5"

(1) Section 24' 8"

Hard-faced to 1 1/2"

Prime painted

\$29,922.85 Twenty-nine thousand nine hundred twenty-two dollars 85/100.

Approximately 8 weeks delivery

Requesting \$15,000.00 when placing order. Balance Net 30 days upon invoicing when job completed.

Bruce Pierce

Core Welding

716-731-9310

Eric Smith

From: Jim Kelly <jimk@frederickmachine.com>
Sent: Tuesday, November 05, 2019 5:45 PM
To: Eric Smith
Subject: Conveyor Screws

Eric,

Pursuant to our meeting earlier today I suggest contacting a local distributor for Martin such as Kaman or Root and Neal as this would be the most economical way to purchase replacement screws

With that being said, Frederick Machine will not be offering a proposal for these components

We sincerely appreciate you thinking of us and we look forward to hearing from you in the future

--

James M Kelly
Frederick Machine & Manufacturing, Inc.
Tel: (716) 892-1425
Fax: (716) 892-1426

PURCHASE OF KREBS CYCLONE REPLACEMENT PARTS

WHEREAS, the Niagara Falls Water Board (“Water Board”) wastewater treatment plant (“WWTP”) utilizes a Krebs Model D15B-S852-SDM cyclone for degritting; and

WHEREAS, numerous replacement parts are needed in order to ensure the continued reliable function of the degritting cyclone; and

WHEREAS, Water Board staff have identified only one vendor able to supply the required OEM Krebs parts within the required timeframe; and

WHEREAS, the total cost to purchase the required parts from Envirodyne System, Inc., is \$20,632;

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes the purchase of a cyclone replacement parts from Envirodyne Systems, Inc., as the sole source for those parts, for a total sum not to exceed \$20,632.

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

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

On November 25, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Forster	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman O’Callaghan	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Daniel T. O’Callaghan, Chairperson

Sean W. Costello, Secretary to Board

Eric Smith

From: Envirodyne Systems Inc | L Bowers <purchasing@envirodynesystems.com>
Sent: Tuesday, September 17, 2019 2:10 PM
To: Eric Smith
Subject: Niagra Falls Water Board

We are pleased to quote the following for your Cyclone:

2	Cylinder section, steel #154-ST	\$1,688.00 ea, 2-3 weeks ARO	3376
2	Cone, Steel #194-ST	\$1,840.00 ea, 2-3 weeks ARO	5680
2	Cone Section with toggle clamps, steel #64-ST-C7709	\$2,196.00 ea, 7-8 weeks ARO	4392
	Apex Housing, Aluminum #168-AL	\$3,320.00 ea, 7-8 weeks ARO	
2	Cylinder Liner, Nitrile #154R-RH	\$1,832.00 ea, 4-5 weeks ARO	5664
2	Cone Liner, Nitrile #194-RH	\$1,832.00 ea, 12-13 weeks ARO	5664
4	Cone Liner, Nitrile #64R-RH	\$464.00 ea, 12-13 weeks ARO	1856
	Apex Valve Liner, Nitrile #68R-RH-2.5	\$364.00 ea, 12-13 weeks ARO	

**Total Requested
Procurement: \$20,632**

Terms are Net 30 Days. This quote is good for 30 Days. FOB Factory, No shipping costs or Sales/Use taxes are included in the above price. ESI standard terms and conditions apply. ESI requires written purchase orders. All sales are final.

Please let us know if you have any questions or would like to place an order.

Lori K. Bowers
Purchasing Agent
ENVIRODYNE SYSTEMS INC.
75 Zimmerman Drive
Camp Hill, PA, USA 17011
Phone: (717) 763-0500
FAX: (717) 763-9308
www.envirodynesystems.com

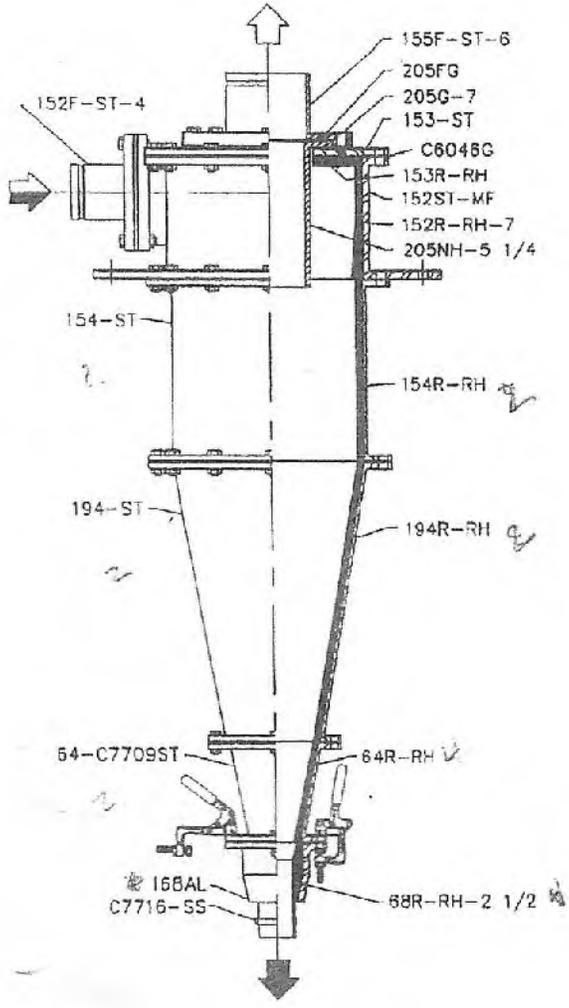


ENVIRODYNE SYSTEMS INC.

Custom Water & Wastewater Treatment Equipment - Since 1971

PL 310-SDM-WRC KREBS CYCLONE PARTS LIST

Model D15B-S852-SDM With No. 168 Adjustable Apex Assembly



PL 310-SDM-WRC	Date: 11-12-91
<u>PART NO.</u>	<u>DESCRIPTION</u>
155F-ST-6	Overflow Flanged Adapter, Victaulic Grooved, 6" Size Standard Victaulic Connection, Steel.
152F-ST-4	Inlet Flanged Adapter, Vict. Grvd., 4" Size Std. Vict. Conn., Steel.
205FG	Vortex Finder Gasket, Above Flange.
205G-7	Vortex Finder Gasket, Below Flange.
153-ST	Top Cover Plate, Steel.
C60460	Top Cover Plate Gasket.
153R-RH	Top Cover Plate Liner, Nitrile.
152ST-MF	Inlet Head With Mounting Flange, Steel.
152R-RH-7	Inlet Head Liner, 7 Sq. In. Inlet Orifice, Elastomer.
205NH-5 1/4	Vortex Finder, 5 1/4" I.D. Sizes, Nihard.
154-ST	Cylinder Housing, Steel.
154R-RH	Cylinder Liner, Nitrile.
194-ST	Cone Section, Steel.
194R-RH	Cone Section Liner, Nitrile.
64-C7709ST	Cone Section With Quick Opening Toggle, Steel.
64R-RH	Cone Liner, Nitrile.
168AL	Apex Housing; AL For Aluminum.
68R-RH-2 1/2	Apex Valve Liner, 3/8", 1/2", 5/8", 7/8", 1 1/4", 1 3/8", 1 5/8" & 2" Sizes, Nitrile.
C7716-SS	Hose Clamp (Worm Drive), Stainless Steel.

STANDARD LINER MATERIAL
Nitrile.
Other Materials Available Upon Request.

STANDARD ACCESSORIES
Pressure Gauge & Diaphragm Body For Inlet Line.
VIC-741-4 Vict. Flg. Adapter For Inlet Line.
VC-77-6 Vict. Coupling & VC-13-6 Vict. 11.25 Deg. Elbow &
VC-750-6x8 Vict. Reducing Coupling & VC-43-8 Nipple &
VIC-741-8 Vict. Flg. Adapter For Overflow Line.

Krebs M.O. No. 98684
Serial Number(s) 47155 & 47156

<u>KE Material Symbols Are:</u>		CS: Cast Steel	PK: Kynar/PVDF	RE: EPDM	RP: Hypalon	RZ: Ultrane II
AL: Aluminum	CG: 3616 Refrax	G: Gasket	PN: Nylon	RF: Food Gr. Neo.	RQ: Food Gr. Rub.	SA: Alloy
AR: AR Plate	CI: Cast Iron	ML: Monel	PP: Polypropylene	RG: Gum Rubber	RR: Res. Gum Rub.	SS: Stainless Stl.
AT: Alloy 20	CK: KT Silicon	NH: Nihard	PT: Teflon	RH: Hycar/	RT: Wet Food	ST: Mild Steel
CA: 99.5 Alumina	CM: Monofrax	NK: Nickel	PV: PVC	Nitrile/Buna N	Gr. Urethane	TI: Titanium
CB: 96% Alumina	CR: Silicon Carb.	NR: Niresist	RB: Butyl	RK: Ultrane HT	RU: Urane	
		PA: Plastic	RD: Durlon	RN: Neoprene	RW: Ultrane	X: Special Fab.

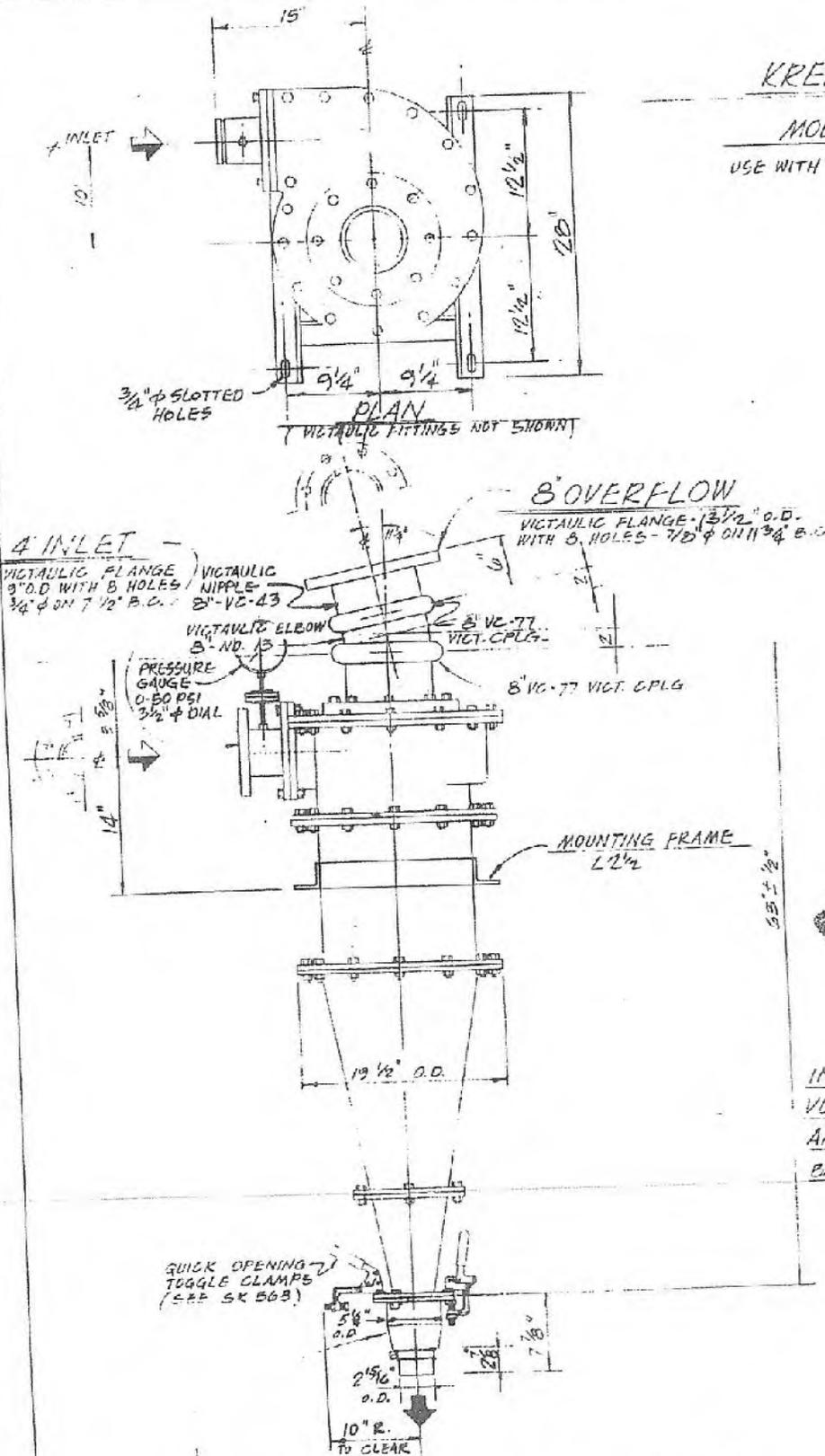
PLEASE SPECIFY PART NUMBER AND CYCLONE SERIAL NUMBER WHEN ORDERING PARTS.

KREBS ENGINEERS | 1205 CHRYSLER DRIVE • MENLO PARK, CALIFORNIA 94025-9928 • TEL: (415) 325-0751
TELEX: WUJ 348403 or RCA 278769 • FAX: (415) 326-7048

KREBS CYCLONE

MODEL D15B-85Z

USE WITH PARTS LIST PL310-50M-WRC



FINAL CERTIFICATION

- INLET HEAD LINER PART # 152R-RH
- VORTEX FINDER PART # 205NH
- APEX ORIFICE PART # 168R-RH
- BARE WEIGHT 552# SHIPPING WEIGHT

ADJUSTABLE APEX ASSY. N^o 168
FURNISHED

KREBS ENGINE		94025
1205 CHRYSLER DRIVE		MENI
Scale: 1/4" = 1"	Date: 11-5-91	Dr: RS
GENERAL ARRANGEMENT 152-50M		
KREBS CYCLONE - MODEL NUMBER		
WITH ADJUSTABLE APEX		
Revised:	DWM-WRC	

TOLERANCE SCHEDULE UNLESS OTHERWISE NOTED

THIS DRAWING IS THE PROPERTY OF KREBS ENGINEERS WORLD WIDE CALIFORNIA, AND IS LOANED UNDER THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF KREBS ENGINEERS.

**PROCEDURE FOR NOTIFYING BOARD OF DIRECTORS
OF SENIOR STAFF ABSENCES**

WHEREAS, the Niagara Falls Water Board (“Water Board”) Board of Directors has a duty and obligation to exercise fiduciary oversight over Water Board operations; and

WHEREAS, the Water Board’s senior staff are responsible for day-to-day operations; and

WHEREAS, in order to be certain that the Water Board’s operations are adequately staffed and in the event of urgent or emergency situations, it is important for the Board of Directors to know when senior staff members will be absent from work for any extended period of time; and

WHEREAS, the Board of Directors desires reasonable notification prior to an extended absence by a member of the senior staff; and

WHEREAS, in seeking such notification, the Board of Directors does not desire unduly to burden senior staff, or to micromanage, and is not seeking to put itself in a position to approve or deny time off requests, merely to carry out its fiduciary obligations to ensure proper staffing and to understand the appropriate point of contact in an emergency situation;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that whenever Water Board senior staff know they will be taking leave, or traveling more than two hours from the Water Board’s offices for business, for more than two consecutive business days, the senior staff will so notify the Board of Directors and other senior staff via email at least three days prior to the start of the leave or travel, or as soon as practicable if the absence or travel is not scheduled at least three days in advance; and

IT IS FURTHER RESOLVED, that for the purposes of this resolution, the following positions are senior staff:

- Executive Director;
- Director of Administrative Services;
- Director of Financial Services;
- Director of Technical and Regulatory Services;
- Superintendent;
- General Counsel; and

IT IS FURTHER RESOLVED, that when the Executive Director provides the notice of an absence pursuant to this resolution, the Executive Director shall include in the notice a designation of the staff member who shall be act in his place during his absence if he is not available to act.

On November 25, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Forster	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman O’Callaghan	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Daniel T. O’Callaghan, Chairperson

Sean W. Costello, Secretary to Board

NIAGARA FALLS WATER BOARD RESOLUTION # 2019-11-010

AUTHORIZING 102nd STREET METER PIT CONSTRUCTION COSTS

WHEREAS, the water systems of the Niagara Falls Water Board (“Water Board”) and the Niagara County Water District (“District”) share an interconnection located at 102nd Street in the City of Niagara Falls, including a structure housing a meter pit, piping, valves, and appurtenances (the “102nd Street Meter Pit”), which interconnection provides for the ability for both the District and Water Board to provide water to the other if needed and is a critical component for providing redundancy in the water systems; and

WHEREAS, the 102nd Street Meter Pit needs repairs, refurbishment, and upgrades in order to properly perform its function (“the Project”); and

WHEREAS, the District and the Water Board have entered into an inter-municipal agreement dated June 4, 2019 for completion of the Project calling for each entity to bear one-half of the Project’s costs; and

WHEREAS, Wendel prepared design documents and handled the bidding of the work required to complete the Project; and

WHEREAS, the bids for the Project have been opened, and the results have been reviewed and found to be reasonable for the scope of work by Water Board staff and the Water Board’s engineers, Clark Patterson Lee; and

WHEREAS, the low bidder for the Project is STC Construction, Inc., with a total bid amount of \$309,300; and

WHEREAS, Wendel recommends that the bid be awarded by the District at its November 21, 2019 meeting, and the Water Board’s approval of the contract for the work is required in order to issue a notice to proceed;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes payment to STC Construction, Inc., of up to \$154,650 (one-half of the bid amount) pursuant to the inter-municipal cooperation agreement dated June 4, 2019 with the Niagara County Water District, provided, however, that STC Construction, Inc., must meet the contract’s M/WBE requirements or secure a partial waiver of those requirements in order to be eligible for full payment from the Water Board.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
2019 CIP Item No. W-30, Water Infrastructure Projects – Misc.

On November 25, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Forster	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman O’Callaghan	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Daniel T. O’Callaghan, Chairperson

Sean W. Costello, Secretary to Board

Sean Costello

From: Amanda Lingle <alingle@wendelcompanies.com>
Sent: Thursday, October 31, 2019 8:46 AM
To: Sean Costello
Cc: Brian Seaman; Jennifer H. Bieber
Subject: RE: 102nd Meter Pit Bid Results

Hi Sean,

They were a bit lower than we had anticipated, which was a nice surprise. NCWD has worked with STC in the past without issue and has no immediate concerns moving the project forward with them as the Contractor. Is there a way to get an agreement together prior to the next NCWD Board meeting that would allow NCWD to pass their resolution and then NFWB to pass their resolution on 11/25?

NCWD has 45 days to respond to the bid and cannot wait until their December Board meeting to award/reject the bid.

Thanks,
Amanda

Amanda L. Lingle, PMP
Sr. Project Manager



ARCHITECTURE | ENGINEERING | ENERGY EFFICIENCY | CONSTRUCTION MANAGEMENT

Wendel, Centerpointe Corporate Park, 375 Essjay Road, Suite 200, Williamsville, NY 14221
p. 716.688.0766 ff. 877.293.6335 m. 716.601.5060 e. alingle@wendelcompanies.com w. wendelcompanies.com

CONFIDENTIALITY NOTICE: This email transmission is confidential and is intended only for the person(s) named above. Any distribution, copying or disclosure of this email is strictly prohibited.

From: Sean Costello <scostello@NFWB.org>
Sent: Wednesday, October 30, 2019 3:01 PM
To: Amanda Lingle <alingle@wendelcompanies.com>
Subject: RE: 102nd Meter Pit Bid Results

Thanks Amanda. The Water Board's next business meeting is November 25. How does the bid compare to the construction cost estimate (if there was such an estimate prepared)?

Sean W. Costello

General Counsel and Secretary



Niagara Falls Water Board | 5815 Buffalo Avenue | Niagara Falls, NY 14304 | (716) 283-9770 x 211

The information contained herein is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, distribution or use of this information by persons or entities other than the intended recipient is prohibited. If you receive this email in error, please contact the sender and delete the material from your computer.

From: Amanda Lingle <alingle@wendelcompanies.com>
Sent: Wednesday, October 30, 2019 2:52 PM
To: Douglas Williamson <dwilliamson@NFWB.org>; Sean Costello <scostello@NFWB.org>; Renee LaMonaco <rlamonaco@NFWB.org>; Pat Fama <pfama@NFWB.org>; Bill Wright <bwright@NFWB.org>
Cc: Brian Seaman <bseaman@seamannorris.com>; Jennifer H. Bieber <Jennifer.Bieber@niagaracounty.com>; Susan V. Case <Susan.Case@niagaracounty.com>
Subject: 102nd Meter Pit Bid Results
Importance: High

Good Afternoon,
Bids were opened on October 24th at 1:00pm for the 102nd Street Meter Pit project – Contract 19-5. The results were as follows:

<u>Contractor</u>	<u>Total Bid Amount</u>
STC Construction, Inc.	\$309,300.00
Mark Cerrone, Inc.	\$316,000.00

The Bid Proposal pages from the low bidder, STC Construction, are attached for your review. We will be holding a pre-award conference with the contractor via phone conference early next week. If you would like to join in, please let me know and I will send out the invite.

Pending the pre-award conference and review of the Bid Proposal pages from both NCWD and NFWB attorneys, NCWD's intention is to award the project at their next Board Meeting, November 21st. Please let us know how that coincides with decision/agreement from NFWB to move forward with the project.

Thank you,
Amanda

Amanda L. Lingle, PMP
Sr. Project Manager



ARCHITECTURE | ENGINEERING | ENERGY EFFICIENCY | CONSTRUCTION MANAGEMENT

Wendel, Centerpointe Corporate Park, 375 Essjay Road, Suite 200, Williamsville, NY 14221
p. 716.688.0766 **ff.** 877.293.6335 **m.** 716.601.5060 **e.** alingle@wendelcompanies.com **w.** wendelcompanies.com

CONFIDENTIALITY NOTICE: This email transmission is confidential and is intended only for the person(s) named above. Any distribution, copying or disclosure of this email is strictly prohibited.

NIAGARA FALLS WATER BOARD RESOLUTION # 2019-11-011

**AUTHORIZING ENGINEERING SERVICES
FOR 102nd STREET METER PIT CONSTRUCTION PHASE**

WHEREAS, the water systems of the Niagara Falls Water Board (“Water Board”) and the Niagara County Water District (“District”) share an interconnection located at 102nd Street in the City of Niagara Falls, including a structure housing a meter pit, piping, valves, and appurtenances (the “102nd Street Meter Pit”), which interconnection provides for the ability for both the District and Water Board to provide water to the other if needed and is a critical component for providing redundancy in the water systems; and

WHEREAS, the 102nd Street Meter Pit needs repairs, refurbishment, and upgrades in order to properly perform its function (“the Project”); and

WHEREAS, the District and the Water Board have entered into an inter-municipal agreement dated June 4, 2019 for completion of the Project calling for each entity to bear one-half of the Project’s costs; and

WHEREAS, Wendel was the engineering firm agreed to by the Water Board and District to prepare the design documents and handle the bidding of the work required to complete the Project; and

WHEREAS, Wendel has presented a proposal dated November 14, 2019 in the amount of \$37,000 for its services during construction, and the District is expected to approve this proposal at its November 21, 2019 meeting;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes payment to Wendel of up to \$18,500 (one-half of the proposal amount) for its services during construction of the 102nd Street Meter Pit project pursuant to the inter-municipal cooperation agreement dated June 4, 2019 with the Niagara County Water District.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
2019 CIP Item No. W-30, Water Infrastructure Projects – Misc.

On November 25, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Forster	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman O’Callaghan	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Daniel T. O’Callaghan, Chairperson

Sean W. Costello, Secretary to Board

November 14, 2019

102ND STREET METER PIT

Services during
Construction
31461805

Niagara County Water District & Niagara
Falls Water Board



SUBJECT: 102ND STREET METER PIT - SERVICES DURING CONSTRUCTION

Dear Ms. Bieber & Mr. Porter:

Wendel is pleased to submit this proposal to the Niagara County Water District (NCWD) and the Niagara Falls Water Board (NFWB) for services during construction associated with the 102nd Street Meter Pit project. This proposal will set specific scope and fee parameters based on our understanding of the project services required.

A. SCOPE OF WORK

The following represents our understanding of the scope of services required of Wendel for this project.

Engineering During Construction

- 1) Issue Notice of Award
- 2) Review Contractors' Bonds and Insurance
- 3) Conformance of Construction Contract
- 4) Issue Notice to Proceed
- 5) Pre-Construction Meeting
- 6) Review of Shop Drawings
- 7) Review of Contractors Schedule
- 8) Review/Process Change Orders
- 9) Review of Progress Payments & MWBE Requirements
- 10) Support construction coordination between the NCWD and Contractor
- 11) Administration of Construction Contract
- 12) Contract Closeout
- 13) Upload Record Drawings to WMA at job completion

Resident Observation Services

- 1) Resident Observation Services
- 2) Progress meetings
- 3) Observe and Record Site Activities
- 4) Engineer in Charge to make visits to the site at intervals appropriate to the various phases of construction
- 5) Review and Response to Requests for Information (RFIs)
- 6) Monitor Contractor Construction Schedules
- 7) Punch List Compliance
- 8) Record Drawings/Equipment Manuals
- 9) Restoration Coordination
- 10) Project Management of Resident Observation

B. EXCLUSIONS

The following services are excluded from this proposal

- 1) Any and all work not specifically included in the above “scope of work” is excluded.
 - 2) Hazardous materials sampling and abatement design.
 - 3) Survey, soil borings, commissioning and construction testing are not included in this proposal, if it is determined that these services are required on the project, the services can be furnished upon a supplemental agreement.
-

C. ASSUMPTIONS

- 1) Wendel personnel will have access to the site, owner’s personnel and information in support of existing condition investigations.
 - 2) Environmental issues (including, but not limited to the presence of asbestos and lead) will be addressed by others.
-

D. PROPOSAL FEE:

We trust the above scope of work meets NCWD’s requirements. We are proposing to perform the scope of work presented in this proposal for a total fee of \$37,000.00. The proposed fee for the project is detailed below.

Task	Proposed Fee
Task 1 – Engineering During Construction	\$ 12,950.00
Task 2 – Resident Observation Services	\$ 24,050.00
TOTAL	\$37,000.00

These fees include direct expenses such as first class mailing, local mileage and internal printing costs.

Fee Notes:

- 1) The construction activity at the site will take place over an approximate 5 month period.
- 2) The proposal is based on part time construction with a total of approximately 160 hours of onsite observation time based on the on-site construction activities taking place over a 5 month period
- 3) Should Wendel be required to perform additional services beyond those outlined above, Wendel shall be compensated on an hourly or fixed sum basis for a mutually agreed scope of services.

4) Our fee and schedule proposal is valid for 60 days. If we do not receive a signed notice to proceed before that date, we reserve the right to re-evaluate our proposal.

Respectfully Submitted,



Brian M. Sibiga, PE
Director of Wastewater Energy Services
Principal



Amanda L. Lingle, PMP
Sr. Project Manager

Should Wendel’s proposal be accepted, Wendel WD Architecture, Engineering, Surveying & Landscape Architecture P.C., a New York State licensed architecture and engineering firm that is part of a consolidated group of Wendel Companies, will contract to undertake the work. Our letterhead and plans will still prominently say “Wendel” and we will refer to ourselves as Wendel throughout the project.

Wendel is hereby authorized to proceed with the services described herein under the terms described of the agreement with the Niagara County Water District dated January 1, 2018.

ACCEPTANCE / AUTHORIZATION:

Accepted this _____ day of _____, 2019_____

Print Name: _____ Jennifer H. Bieber _____

Signature: _____

Title: _____ Administrative Director, NCWD _____

ACCEPTANCE / AUTHORIZATION:

Accepted this _____ day of _____, 2019_____

Print Name: _____ Patrick Fama _____

Signature: _____

Title: _____ Executive Director, NFWB _____

RETURN TO:

Wendel
375 Essjay Road, Suite 200
Williamsville, New York 14221

NIAGARA FALLS WATER BOARD RESOLUTION # 2019-11-012

**AUTHORIZING LEASE OF THREE VEHICLES
AND DISPOSAL OF FIVE VEHICLES THROUGH ENTERPRISE**

WHEREAS, the Niagara Falls Water Board (“Water Board”) has been engaged in program to reduce and update its vehicle fleet; and

WHEREAS, the Water Board has leased and disposed of certain vehicles by “piggybacking” pursuant to General Municipal Law § 103(16) on a contract let by Erie 2-Chautauqua-Cattaraugus BOCES for the purpose of leasing, managing, and the maintenance of vehicles; and

WHEREAS, Water Board staff have evaluated the age, condition, and allocation among departments of the Water Board’s passenger vehicles; and

WHEREAS, Water Board staff propose disposing of the following vehicles by consigning the vehicles to Enterprise for sale:

- # 116 2008 Ford F250 VIN 1FTSX21558ED33173 Distribution and Collection
- # 801 2008 Ford F250 VIN 1FTSX21578ED57281 Distribution and Collection
- # 847 2012 Ford Escape VIN 1FMCU9DG9CKB81083 Enforcement
- # 848 2013 Ford F150 VIN 1FTNF1CF7DKE89193 Mechanics WWTP
- # 803 2015 Ford F150 VIN 1FTFX1EF9FFC62677 Lab WTTP; and

WHEREAS, the Water Board will apply the sale proceeds from the aforementioned vehicles to the lease of three 2020 Chevrolet Equinox vehicles for a five-year term; and

WHEREAS, the 2020 Chevrolet Equinoxes and other existing passenger vehicles within the Water Board’s fleet will be re-allocated among departments to meet each department’s needs;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes the disposal of the following vehicles by consignment to Enterprise for sale:

- 2008 Ford F250 VIN 1FTSX21558ED33173;
- 2008 Ford F250 VIN 1FTSX21578ED57281;
- 2012 Ford Escape VIN 1FMCU9DG9CKB81083;
- 2013 Ford F150 VIN 1FTNF1CF7DKE89193;
- 2015 Ford F150 VIN 1FTFX1EF9FFC62677; and

IT IS FURTHER RESOLVED, that the proceeds from the sale of the vehicles disposed of pursuant to this resolution shall be applied to reduce the cost of leasing three new 2020 Chevrolet Equinox vehicles, complete with full maintenance services, from Enterprise, for total estimated monthly charges of \$313.23 for each vehicle; and

IT IS FURTHER RESOLVED, that the plow blades to be included with the 2008 Ford F250 vehicles that are being consigned for sale shall be older surplus blades, and not the newer or more valuable blades with which those vehicles recently have been equipped.

Water Board Personnel Responsible for Implementation of this Resolution:
Superintendent

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
2019 CIP Item No. C-3, Fleet Replacement

On November 25, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Forster	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman O’Callaghan	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Daniel T. O’Callaghan, Chairperson

Sean W. Costello, Secretary to Board

interoffice memorandum

TO: SEAN COSTELLO
FROM: BILL WRIGHT
SUBJECT: ENTERPRISE ACTIVITY
DATE: 11/01/2019
CC: JEAN SYVERSON

Enterprise Contract Expectations:

While the contract does not stipulate that new vehicles will be received every year, it is like the agreement between Erie County BOCES and Enterprise on which it was based. Given our recent conversation, I would like to elaborate on my plans for 2019.

The NFWB will turn in five of our oldest vehicles in exchange for credit towards three new vehicles with Enterprise. This will lower the average age of the fleet, as well as eliminate maintenance costs for the older vehicles.

Enterprise is willing to give us a credit of \$30,900 for these vehicles, which translates into approximately \$10,300 towards each of the new Chevy Equinox's we plan to add to the fleet. This represents a significant savings towards leasing costs. As the Equinox is a smaller more fuel-efficient vehicle, my plan is to replace the full-size trucks that are currently being underutilized in some divisions, with the more efficient Chevy SUV's.

By relinquishing the five older vehicles, we will have eliminated 11 older model vehicles from the fleet (6 were auctioned earlier this year) and will only be adding three to the fleet.

Details such as VIN's and Departments affected will be furnished upon request.

Sean Costello

From: Bill Wright
Sent: Wednesday, November 6, 2019 8:46 AM
To: Sean Costello
Subject: FW: NFWB Fleet Plan Change - Updated 11.6.19
Attachments: NFWB - 2020 Chevrolet Equinox #1 11.6.19.pdf; NFWB - 2020 Chevrolet Equinox #2 11.6.19.pdf; NFWB - 2020 Chevrolet Equinox #3 11.6.19.pdf; Enterprise Expectations.docx

Sean

This is the updated Quote from enterprise with my memo. Let me know if you need me to make any changes.

Thank you
Bill

From: Eason, Terry D <Terry.D.Eason@efleets.com>
Sent: Wednesday, November 6, 2019 6:22 AM
To: Bill Wright <bwright@NFWB.org>
Cc: Kendra Walker <kwalker@NFWB.org>
Subject: RE: NFWB Fleet Plan Change - Updated 11.6.19

Hi Bill,

I hope your week is going well. Attached is the updated proposal for the three Chevrolet Equinox. We added in the sale of the plows for Vehicles #801 and #116. This increased the market value by \$200 per vehicle. Again these are conservative resale numbers based on site and unseen conditions. Please let me know if you have any questions.

2020 Chevrolet Equinox

Proposal ID: P47088

Vehicle: 2020 Chevrolet Equinox

Series: LS w/1FL All-wheel Drive

Exterior Color: Summit White – **Alternative colors listed below**

Interior Color: Medium Ash Gray

Lease Structure: 60M 10K

Monthly Lease Payment:– \$313.23 **Full Maintenance included**

Replacement Vehicles: **Sell five vehicles and replace only three vehicles. I rolled an even \$10,299.99 on each quote based on total equity of \$30,899.97**

- 1FTSX21558ED33173 - \$1,700 – Value of Vehicle #116 with plow added
- 1FMCU9DG9CKB81083 - \$4,500
- 1FTNF1CF7DKE89193 - \$8,000
- 1FTFX1EF9FFC62677 - \$15,000
- 1FTSX21578ED57281- \$1,700 – Value of Vehicle #801 with plow added

Estimated Lead Time: 10 – 15 weeks

Added specifications: No added options

Thanks
Terry,



Prepared For: Niagara Falls Water Board
Wright, Bill

Date 11/06/2019
AE/AM STP/T1E

Unit #

Year 2020 Make Chevrolet Model Equinox

Series LS w/1FL All-wheel Drive

Vehicle Order Type Ordered Term 60 State NY Customer# 469334

\$ 23,971.69	Capitalized Price of Vehicle ¹
\$ 0.00 *	Sales Tax 8.0000% State NY
\$ 103.00 *	Initial License Fee
\$ 0.00	Registration Fee
\$ 350.00	Other: (See Page 2)
\$ 0.00 *	Capitalized Price Reduction
\$ 0.00 *	Tax on Capitalized Price Reduction
\$ 10,299.99	Gain Applied From Prior Unit
\$ 0.00 *	Tax on Gain On Prior
\$ 0.00 *	Security Deposit
\$ 0.00 *	Tax on Incentive(Taxable Incentive Total : \$4,000.00)

All language and acknowledgments contained in the signed quote apply to all vehicles that are ordered under this signed quote.

Order Information

Driver Name
Exterior Color (0 P) Summit White
Interior Color (0 I) Medium Ash Gray w/Premium Cloth Seat Tr
Lic. Plate Type Unknown
GVWR 0

\$ 14,021.70	Total Capitalized Amount (Delivered Price)
\$ 210.33	Depreciation Reserve @ 1.5000%
\$ 55.83	Monthly Lease Charge (Based on Interest Rate - Subject to a Floor) ²

\$ 266.16 Total Monthly Rental Excluding Additional Services

Additional Fleet Management

Master Policy Enrollment Fees

\$ 0.00	Commercial Automobile Liability Enrollment
	Liability Limit \$0.00

\$ 0.00	Physical Damage Management
---------	----------------------------

Comp/Coll Deductible 0 / 0

\$ 47.07	Full Maintenance Program ³ Contract Miles 50,000
	Incl: # Brake Sets (1 set = 1 Axle) 2

OverMileage Charge \$ 0.0400 Per Mile

Tires 4 Loaner Vehicle Not Included

\$ 47.07 Additional Services SubTotal

\$ 0.00	Sales Tax 8.0000%
---------	-------------------

State NY

\$ 313.23 Total Monthly Rental Including Additional Services

\$ 1,401.90	Reduced Book Value at 60 Months
-------------	---------------------------------

\$ 395.00	Service Charge Due at Lease Termination
-----------	---

Quote based on estimated annual mileage of 10,000
(Current market and vehicle conditions may also affect value of vehicle)
(Quote is Subject to Customer's Credit Approval)
Notes

Enterprise FM Trust will be the owner of the vehicle covered by this Quote. Enterprise FM Trust (not Enterprise Fleet Management) will be the Lessor of such vehicle under the Master Open - End (Equity) Lease Agreement and shall have all rights and obligations of the Lessor under the Master Open - End (Equity) Lease Agreement with respect to such vehicle.

ALL TAX AND LICENSE FEES TO BE BILLED TO LESSEE AS THEY OCCUR.

Lessee hereby authorizes this vehicle order, agrees to lease the vehicle on the terms set forth herein and in the Master Equity Lease Agreement and agrees that Lessor shall have the right to collect damages in the event Lessee fails or refuses to accept delivery of the ordered vehicle. Lessee certifies that it intends that more than 50% of the use of the vehicle is to be in a trade or business of the Lessee.

LESSEE Niagara Falls Water Board

BY _____ TITLE _____ DATE _____

* INDICATES ITEMS TO BE BILLED ON DELIVERY.

¹ Capitalized Price of Vehicle May be Adjusted to Reflect Final Manufacturer's Invoice. Lessee Hereby Assigns to Lessor any Manufacturer Rebates And/Or Manufacturer Incentives Intended for the Lessee, Which Rebates And/Or Incentives Have Been Used By Lessor to Reduce the Capitalized Price of the Vehicle.

² Monthly Lease Charge Will Be Adjusted to Reflect the Interest Rate on the Delivery Date (Subject to a Floor).

³ The inclusion herein of references to maintenance fees/services are solely for the administrative convenience of Lessee. Notwithstanding the inclusion of such references in this [Invoice/Schedule/Quote], all such maintenance services are to be performed by Enterprise Fleet Management, Inc., and all such maintenance fees are payable by Lessee solely for the account of Enterprise Fleet Management, Inc., pursuant to that certain separate [Maintenance Agreement] entered into by and between Lessee and Enterprise Fleet Management, Inc.; provided that such maintenance fees are being billed by Enterprise FM Trust, and are payable at the direction of Enterprise FM Trust, solely as an authorized agent for collection on behalf of Enterprise Fleet Management, Inc.

Other Totals

Description	(B)illed or (C)apped	Price
Pricing Plan Delivery Charge	B	\$ 75.00
Courtesy Delivery Fee	C	\$ 350.00
Total Other Charges Billed		\$ 75.00
Total Other Charges Capitalized		\$ 350.00
Other Charges Total		\$ 425.00

VEHICLE INFORMATION:

2020 Chevrolet Equinox LS w/1FL All-wheel Drive - US
Series ID: 1XX26

Pricing Summary:

	INVOICE	MSRP
Base Vehicle	\$ 26,807.40	\$ 28,100.00
Total Options	\$ -30.71	\$ -33.75
Destination Charge	\$ 1,195.00	\$ 1,195.00
Total Price	\$ 27,971.69	\$ 29,261.25

SELECTED COLOR:

Exterior: GAZ - (0 P) Summit White
Interior: H72 - (0 I) Medium Ash Gray w/Premium Cloth Seat Trim

SELECTED OPTIONS:

CODE	DESCRIPTION	INVOICE	MSRP
1FL	Preferred Equipment Group 1FL		
5CY	Tires: P225/65R17 All-Season Blackwall	NC	NC
AG6	Front Passenger 4-Way Manual Seat Adjuster	STD	STD
AH3	4-Way Manual Driver Seat Adjuster	Included	Included
AR9	Front Bucket Seats	Included	Included
CNI	GVWR: 4,630 lbs (2,100 kgs)	STD	STD
FX6	3.87 Final Drive Axle Ratio	STD	STD
GAZ_01	(0 P) Summit White	STD	STD
H72_01	(0 I) Medium Ash Gray w/Premium Cloth Seat Trim	NC	NC
IOR	Radio: Chevrolet Infotainment 3 System w/AM/FM	NC	NC
LYX	Engine: 1.5L Turbo DOHC 4-Cyl SIDI VVT	STD	STD
MNH	Transmission: Electronic 6-Speed Auto w/OD	STD	STD
NE1	CT/DE/ME/MD/MA/NJ/NY/OR/PA/RI/VT/WA Emissions Req	STD	STD
PAINT	Monotone Paint Application	NC	NC
R9Y	Fleet Free Maintenance Credit	STD	STD
RSB	Wheels: 17" Aluminum	\$ -30.71	\$ -33.75
STDTM	Premium Cloth Seat Trim	STD	STD
U2J	SiriusXM Radio Delete	STD	STD
UPG	Bluetooth For Phone	Included	Included
USS	2 Rear USB Charging-Only Ports	Included	Included
UST	2 USB Ports & Auxiliary Input Jack	Included	Included
UZ6	6 Speaker Audio System Feature	Included	Included
WARANT	Fleet Customer Powertrain Limited Warranty	Included	Included
		NC	NC

CONFIGURED FEATURES:

Body Exterior Features:

- Number Of Doors 4
- Rear Cargo Door Type: liftgate
- Driver And Passenger Mirror: power remote manual folding side-view door mirrors
- Spoiler: rear lip spoiler
- Door Handles: body-coloured
- Front And Rear Bumpers: body-coloured front and rear bumpers
- Rear Bumper Insert: chrome rear bumper insert
- Body Material: fully galvanized steel body material
- Body Side Cladding: black bodyside cladding
- Grille: black w/chrome surround grille

Convenience Features:

- Air Conditioning manual air conditioning
- Air Filter: air filter
- Cruise Control: cruise control with steering wheel controls
- Power Windows: power windows with front and rear 1-touch down
- 1/4 Vent Rear Windows: power rearmost windows
- Remote Keyless Entry: keyfob (all doors) remote keyless entry
- Illuminated Entry: illuminated entry
- Integrated Key Remote: integrated key/remote
- Auto Locking: auto-locking doors
- Passive Entry: proximity key
- Steering Wheel: steering wheel with manual tilting, manual telescoping
- Day-Night Rearview Mirror: day-night rearview mirror
- Driver and Passenger Vanity Mirror: illuminated driver and passenger-side visor mirrors
- Emergency SOS: OnStar and Chevrolet connected services capable emergency communication system
- Front Cupholder: front and rear cupholders
- Floor Console: full floor console with covered box
- Overhead Console: mini overhead console with storage
- Glove Box: glove box
- Driver Door Bin: driver and passenger door bins
- Rear Door Bins: rear door bins
- Seatback Storage Pockets: 2 seatback storage pockets
- IP Storage: bin instrument-panel storage
- Driver Footrest: driver's footrest
- Retained Accessory Power: retained accessory power
- Power Accessory Outlet: 2 12V DC power outlets

Entertainment Features:

- radio AM/FM stereo with seek-scan
- Radio Data System: radio data system
- Speed Sensitive Volume: speed-sensitive volume
- Steering Wheel Radio Controls: steering-wheel mounted audio controls
- Speakers: 12 speakers
- Internet Access: 4G LTE Wi-Fi Hotspot capable internet access
- TV Tuner: OnStar Turn-by-Turn Navigation turn-by-turn navigation directions
- 1st Row LCD: 2 1st row LCD monitor
- Wireless Connectivity: wireless phone connectivity
- Antenna: integrated roof antenna

Lighting, Visibility and Instrumentation Features:

- Headlamp Type delay-off projector beam halogen headlamps
- Auto-Dimming Headlights: IntelliBeam auto high-beam headlights
- Front Wipers: variable intermittent wipers
- Rear Window wiper: fixed interval rear window wiper with heating wiper park
- Rear Window Defroster: rear window defroster
- Tinted Windows: light-tinted windows
- Dome Light: dome light with fade
- Front Reading Lights: front and rear reading lights
- Door Curb/Courtesy Lights: 2 door curb/courtesy lights
- Variable IP Lighting: variable instrument panel lighting
- Display Type: analog display

Tachometer: tachometer
Compass: compass
Exterior Temp: outside-temperature display
Low Tire Pressure Warning: tire specific low-tire-pressure warning
Park Distance Control: Rear Park Assist rear parking sensors
Trip Computer: trip computer
Trip Odometer: trip odometer
Lane Departure Warning: lane departure
Front Pedestrian Braking: pedestrian detection
Following Distance Indicator: following distance alert
Forward Collision Alert: forward collision
Water Temp Gauge: water temp. gauge
Clock: in-radio display clock
Systems Monitor: systems monitor
Check Control: redundant digital speedometer
Rear Vision Camera: rear vision camera
Oil Pressure Warning: oil-pressure warning
Water Temp Warning: water-temp. warning
Battery Warning: battery warning
Low Oil Level Warning: low-oil-level warning
Low Coolant Warning: low-coolant warning
Lights On Warning: lights-on warning
Key in Ignition Warning: key-in-ignition warning
Low Fuel Warning: low-fuel warning
Door Ajar Warning: door-ajar warning
Trunk Ajar Warning: trunk-ajar warning
Brake Fluid Warning: brake-fluid warning
Transmission Fluid Temperature Warning: transmission-fluid-temperature warning

Safety And Security:

ABS four-wheel ABS brakes
Number of ABS Channels: 4 ABS channels
Brake Assistance: brake assist
Brake Type: four-wheel disc brakes
Vented Disc Brakes: front ventilated disc brakes
Daytime Running Lights: daytime running lights
Spare Tire Type: compact spare tire
Spare Tire Mount: spare tire mounted inside under cargo
Driver Front Impact Airbag: driver and passenger front-impact airbags
Driver Side Airbag: seat-mounted driver and passenger side-impact airbags
Overhead Airbag: curtain 1st and 2nd row overhead airbag
Occupancy Sensor: front passenger airbag occupancy sensor
Height Adjustable Seatbelts: height adjustable front seatbelts
Seatbelt Pretensioners: front seatbelt pre-tensioners
3Point Rear Centre Seatbelt: 3 point rear centre seatbelt
Side Impact Bars: side-impact bars
Perimeter Under Vehicle Lights: remote activated perimeter/approach lights
Tailgate/Rear Door Lock Type: tailgate/rear door lock included with power door locks
Rear Child Safety Locks: rear child safety locks
Ignition Disable: immobilizer
Security System: security system
Panic Alarm: panic alarm
Tracker System: tracker system
Electronic Stability: StabiliTrak electronic stability stability control with anti-roll
Traction Control: ABS and driveline traction control
Front and Rear Headrests: manual adjustable front head restraints
Rear Headrest Control: 2 rear head restraints

Seats And Trim:

Seating Capacity max. seating capacity of 5
Front Bucket Seats: front bucket seats
Number of Driver Seat Adjustments: 6-way driver and passenger seat adjustments
Reclining Driver Seat: manual reclining driver and passenger seats
Driver Height Adjustment: manual height-adjustable driver and passenger seats

Driver Fore/Aft: manual driver and passenger fore/aft adjustment
Front Centre Armrest Storage: front centre armrest
Rear Seat Type: rear manual reclining 60-40 bench seat
Rear Folding Position: rear seat fold-forward seatback
Rear Seat Armrest: rear seat centre armrest
Leather Upholstery: premium cloth front and rear seat upholstery
Headliner Material: full cloth headliner
Floor Covering: full carpet floor covering
Dashboard Console Insert, Door Panel Insert Combination: metal-look instrument panel insert, door panel insert, console insert
Shift Knob Trim: chrome shift knob
Floor Mats: carpet front and rear floor mats
Interior Accents: chrome/metal-look interior accents
Cargo Space Trim: carpet cargo space
Trunk Lid: plastic trunk lid/rear cargo door
Cargo Light: cargo light
Standard Engine:
Engine 170-hp, 1.5-liter I-4 (regular gas)
Standard Transmission:
Transmission 6-speed automatic w/ OD and auto-manual



Prepared For: Niagara Falls Water Board
Wright, Bill

Date 11/06/2019
AE/AM STP/T1E

Unit #

Year 2020 Make Chevrolet Model Equinox

Series LS w/1FL All-wheel Drive

Vehicle Order Type Ordered Term 60 State NY Customer# 469334

\$ 23,971.69	Capitalized Price of Vehicle ¹
\$ 0.00 *	Sales Tax 8.0000% State NY
\$ 103.00 *	Initial License Fee
\$ 0.00	Registration Fee
\$ 350.00	Other: (See Page 2)
\$ 0.00 *	Capitalized Price Reduction
\$ 0.00 *	Tax on Capitalized Price Reduction
\$ 10,299.99	Gain Applied From Prior Unit
\$ 0.00 *	Tax on Gain On Prior
\$ 0.00 *	Security Deposit
\$ 0.00 *	Tax on Incentive(Taxable Incentive Total : \$4,000.00)

All language and acknowledgments contained in the signed quote apply to all vehicles that are ordered under this signed quote.

Order Information

Driver Name	
Exterior Color	Summit White
Interior Color	Medium Ash Gray
Lic. Plate Type	Unknown
GVWR	0

\$ 14,021.70	Total Capitalized Amount (Delivered Price)
\$ 210.33	Depreciation Reserve @ 1.5000%
\$ 55.83	Monthly Lease Charge (Based on Interest Rate - Subject to a Floor) ²

\$ 266.16 Total Monthly Rental Excluding Additional Services

Additional Fleet Management

Master Policy Enrollment Fees

\$ 0.00	Commercial Automobile Liability Enrollment
	Liability Limit \$0.00

\$ 0.00 Physical Damage Management

\$ 47.07 Full Maintenance Program³ Contract Miles 50,000
Incl: # Brake Sets (1 set = 1 Axle) 2

\$ 47.07 Additional Services SubTotal

\$ 0.00 Sales Tax 8.0000%

\$ 313.23 Total Monthly Rental Including Additional Services

\$ 1,401.90 Reduced Book Value at 60 Months

\$ 395.00 Service Charge Due at Lease Termination

Comp/Coll Deductible 0 / 0

OverMileage Charge \$ 0.0400 Per Mile

Tires 4 Loaner Vehicle Not Included

State NY

Quote based on estimated annual mileage of 10,000
(Current market and vehicle conditions may also affect value of vehicle)
(Quote is Subject to Customer's Credit Approval)
Notes

Enterprise FM Trust will be the owner of the vehicle covered by this Quote. Enterprise FM Trust (not Enterprise Fleet Management) will be the Lessor of such vehicle under the Master Open - End (Equity) Lease Agreement and shall have all rights and obligations of the Lessor under the Master Open - End (Equity) Lease Agreement with respect to such vehicle.

ALL TAX AND LICENSE FEES TO BE BILLED TO LESSEE AS THEY OCCUR.

Lessee hereby authorizes this vehicle order, agrees to lease the vehicle on the terms set forth herein and in the Master Equity Lease Agreement and agrees that Lessor shall have the right to collect damages in the event Lessee fails or refuses to accept delivery of the ordered vehicle. Lessee certifies that it intends that more than 50% of the use of the vehicle is to be in a trade or business of the Lessee.

LESSEE Niagara Falls Water Board

BY

TITLE

DATE

* INDICATES ITEMS TO BE BILLED ON DELIVERY.

¹ Capitalized Price of Vehicle May be Adjusted to Reflect Final Manufacturer's Invoice. Lessee Hereby Assigns to Lessor any Manufacturer Rebates And/Or Manufacturer Incentives Intended for the Lessee, Which Rebates And/Or Incentives Have Been Used By Lessor to Reduce the Capitalized Price of the Vehicle.

² Monthly Lease Charge Will Be Adjusted to Reflect the Interest Rate on the Delivery Date (Subject to a Floor).

³ The inclusion herein of references to maintenance fees/services are solely for the administrative convenience of Lessee. Notwithstanding the inclusion of such references in this [Invoice/Schedule/Quote], all such maintenance services are to be performed by Enterprise Fleet Management, Inc., and all such maintenance fees are payable by Lessee solely for the account of Enterprise Fleet Management, Inc., pursuant to that certain separate [Maintenance Agreement] entered into by and between Lessee and Enterprise Fleet Management, Inc.; provided that such maintenance fees are being billed by Enterprise FM Trust, and are payable at the direction of Enterprise FM Trust, solely as an authorized agent for collection on behalf of Enterprise Fleet Management, Inc.

Other Totals

Description	(B)illed or (C)apped	Price
Pricing Plan Delivery Charge	B	\$ 75.00
Courtesy Delivery Fee	C	\$ 350.00
Total Other Charges Billed		\$ 75.00
Total Other Charges Capitalized		\$ 350.00
Other Charges Total		\$ 425.00

VEHICLE INFORMATION:

2020 Chevrolet Equinox LS w/1FL All-wheel Drive - US
Series ID: 1XX26

Pricing Summary:

	INVOICE	MSRP
Base Vehicle	\$ 26,807.40	\$ 28,100.00
Total Options	\$ -30.71	\$ -33.75
Destination Charge	<u>\$ 1,195.00</u>	<u>\$ 1,195.00</u>
Total Price	\$ 27,971.69	\$ 29,261.25

SELECTED COLOR:

Exterior: GAZ - Summit White
Interior: H72 - Medium Ash Gray

SELECTED OPTIONS:

CODE	DESCRIPTION	INVOICE	MSRP
1FL	Preferred Equipment Group 1FL		
5CY	Tires: P225/65R17 All-Season Blackwall	NC	NC
AG6	Front Passenger 4-Way Manual Seat Adjuster	STD	STD
AH3	4-Way Manual Driver Seat Adjuster	Included	Included
AR9	Front Bucket Seats	Included	Included
CNI	GVWR: 4,630 lbs (2,100 kgs)	STD	STD
FX6	3.87 Final Drive Axle Ratio	STD	STD
GAZ_01	Summit White	STD	STD
H72_01	Medium Ash Gray	NC	NC
IOR	Radio: Chevrolet Infotainment 3 System w/AM/FM	NC	NC
LYX	Engine: 1.5L Turbo DOHC 4-Cyl SIDI VVT	STD	STD
MNH	Transmission: Electronic 6-Speed Auto w/OD	STD	STD
NE1	CT/DE/ME/MD/MA/NJ/NY/OR/PA/RI/VT/WA Emissions Req	STD	STD
PAINT	Monotone Paint Application	NC	NC
R9Y	Fleet Free Maintenance Credit	STD	STD
RSB	Wheels: 17" Aluminum	\$ -30.71	\$ -33.75
STDTM	Premium Cloth Seat Trim	STD	STD
U2J	SiriusXM Radio Delete	STD	STD
UPG	Bluetooth For Phone	Included	Included
USS	2 Rear USB Charging-Only Ports	Included	Included
UST	2 USB Ports & Auxiliary Input Jack	Included	Included
UZ6	6 Speaker Audio System Feature	Included	Included
WARANT	Fleet Customer Powertrain Limited Warranty	Included	Included
		NC	NC

CONFIGURED FEATURES:

Body Exterior Features:

- Number Of Doors 4
- Rear Cargo Door Type: liftgate
- Driver And Passenger Mirror: power remote manual folding side-view door mirrors
- Spoiler: rear lip spoiler
- Door Handles: body-coloured
- Front And Rear Bumpers: body-coloured front and rear bumpers
- Rear Bumper Insert: chrome rear bumper insert
- Body Material: fully galvanized steel body material
- Body Side Cladding: black bodyside cladding
- Grille: black w/chrome surround grille

Convenience Features:

- Air Conditioning manual air conditioning
- Air Filter: air filter
- Cruise Control: cruise control with steering wheel controls
- Power Windows: power windows with front and rear 1-touch down
- 1/4 Vent Rear Windows: power rearmost windows
- Remote Keyless Entry: keyfob (all doors) remote keyless entry
- Illuminated Entry: illuminated entry
- Integrated Key Remote: integrated key/remote
- Auto Locking: auto-locking doors
- Passive Entry: proximity key
- Steering Wheel: steering wheel with manual tilting, manual telescoping
- Day-Night Rearview Mirror: day-night rearview mirror
- Driver and Passenger Vanity Mirror: illuminated driver and passenger-side visor mirrors
- Emergency SOS: OnStar and Chevrolet connected services capable emergency communication system
- Front Cupholder: front and rear cupholders
- Floor Console: full floor console with covered box
- Overhead Console: mini overhead console with storage
- Glove Box: glove box
- Driver Door Bin: driver and passenger door bins
- Rear Door Bins: rear door bins
- Seatback Storage Pockets: 2 seatback storage pockets
- IP Storage: bin instrument-panel storage
- Driver Footrest: driver's footrest
- Retained Accessory Power: retained accessory power
- Power Accessory Outlet: 2 12V DC power outlets

Entertainment Features:

- radio AM/FM stereo with seek-scan
- Radio Data System: radio data system
- Speed Sensitive Volume: speed-sensitive volume
- Steering Wheel Radio Controls: steering-wheel mounted audio controls
- Speakers: 12 speakers
- Internet Access: 4G LTE Wi-Fi Hotspot capable internet access
- TV Tuner: OnStar Turn-by-Turn Navigation turn-by-turn navigation directions
- 1st Row LCD: 2 1st row LCD monitor
- Wireless Connectivity: wireless phone connectivity
- Antenna: integrated roof antenna

Lighting, Visibility and Instrumentation Features:

- Headlamp Type delay-off projector beam halogen headlamps
- Auto-Dimming Headlights: IntelliBeam auto high-beam headlights
- Front Wipers: variable intermittent wipers
- Rear Window wiper: fixed interval rear window wiper with heating wiper park
- Rear Window Defroster: rear window defroster
- Tinted Windows: light-tinted windows
- Dome Light: dome light with fade
- Front Reading Lights: front and rear reading lights
- Door Curb/Courtesy Lights: 2 door curb/courtesy lights
- Variable IP Lighting: variable instrument panel lighting
- Display Type: analog display

Tachometer: tachometer
Compass: compass
Exterior Temp: outside-temperature display
Low Tire Pressure Warning: tire specific low-tire-pressure warning
Park Distance Control: Rear Park Assist rear parking sensors
Trip Computer: trip computer
Trip Odometer: trip odometer
Lane Departure Warning: lane departure
Front Pedestrian Braking: pedestrian detection
Following Distance Indicator: following distance alert
Forward Collision Alert: forward collision
Water Temp Gauge: water temp. gauge
Clock: in-radio display clock
Systems Monitor: systems monitor
Check Control: redundant digital speedometer
Rear Vision Camera: rear vision camera
Oil Pressure Warning: oil-pressure warning
Water Temp Warning: water-temp. warning
Battery Warning: battery warning
Low Oil Level Warning: low-oil-level warning
Low Coolant Warning: low-coolant warning
Lights On Warning: lights-on warning
Key in Ignition Warning: key-in-ignition warning
Low Fuel Warning: low-fuel warning
Door Ajar Warning: door-ajar warning
Trunk Ajar Warning: trunk-ajar warning
Brake Fluid Warning: brake-fluid warning
Transmission Fluid Temperature Warning: transmission-fluid-temperature warning

Safety And Security:

ABS four-wheel ABS brakes
Number of ABS Channels: 4 ABS channels
Brake Assistance: brake assist
Brake Type: four-wheel disc brakes
Vented Disc Brakes: front ventilated disc brakes
Daytime Running Lights: daytime running lights
Spare Tire Type: compact spare tire
Spare Tire Mount: spare tire mounted inside under cargo
Driver Front Impact Airbag: driver and passenger front-impact airbags
Driver Side Airbag: seat-mounted driver and passenger side-impact airbags
Overhead Airbag: curtain 1st and 2nd row overhead airbag
Occupancy Sensor: front passenger airbag occupancy sensor
Height Adjustable Seatbelts: height adjustable front seatbelts
Seatbelt Pretensioners: front seatbelt pre-tensioners
3Point Rear Centre Seatbelt: 3 point rear centre seatbelt
Side Impact Bars: side-impact bars
Perimeter Under Vehicle Lights: remote activated perimeter/approach lights
Tailgate/Rear Door Lock Type: tailgate/rear door lock included with power door locks
Rear Child Safety Locks: rear child safety locks
Ignition Disable: immobilizer
Security System: security system
Panic Alarm: panic alarm
Tracker System: tracker system
Electronic Stability: StabiliTrak electronic stability stability control with anti-roll
Traction Control: ABS and driveline traction control
Front and Rear Headrests: manual adjustable front head restraints
Rear Headrest Control: 2 rear head restraints

Seats And Trim:

Seating Capacity max. seating capacity of 5
Front Bucket Seats: front bucket seats
Number of Driver Seat Adjustments: 6-way driver and passenger seat adjustments
Reclining Driver Seat: manual reclining driver and passenger seats
Driver Height Adjustment: manual height-adjustable driver and passenger seats

Driver Fore/Aft: manual driver and passenger fore/aft adjustment
Front Centre Armrest Storage: front centre armrest
Rear Seat Type: rear manual reclining 60-40 bench seat
Rear Folding Position: rear seat fold-forward seatback
Rear Seat Armrest: rear seat centre armrest
Leather Upholstery: premium cloth front and rear seat upholstery
Headliner Material: full cloth headliner
Floor Covering: full carpet floor covering
Dashboard Console Insert, Door Panel Insert Combination: metal-look instrument panel insert, door panel insert, console insert
Shift Knob Trim: chrome shift knob
Floor Mats: carpet front and rear floor mats
Interior Accents: chrome/metal-look interior accents
Cargo Space Trim: carpet cargo space
Trunk Lid: plastic trunk lid/rear cargo door
Cargo Light: cargo light

Standard Engine:
Engine 170-hp, 1.5-liter I-4 (regular gas)

Standard Transmission:
Transmission 6-speed automatic w/ OD and auto-manual

NIAGARA FALLS WATER BOARD RESOLUTION # 2019-11-013

AUTHORIZING PURCHASE OF STOCK OF FIRE HYDRANTS

WHEREAS, the Niagara Falls Water Board (“Water Board”) maintains approximately 2,226 fire hydrants; and

WHEREAS, with diligent effort and the investment of considerable resources, the Water Board has repaired all known non-functioning hydrants and repairs hydrants promptly on learning that they are not functioning; and

WHEREAS, the Water Board also has established a dedicated hydrant crew, which inspects, flow tests, and maintains hydrants; and

WHEREAS, the Water Board coordinates with the Niagara Falls Fire Department regarding fire hydrant flow data, and also has worked to color code its hydrants to indicate the available flow; and

WHEREAS, the Water Board now is examining the systematic replacement of older model fire hydrants, in order to improve reliability and eliminate potential sources of leaks, and to that end, pursuant to Resolution 2019-09-004, established an ad-hoc committee to study further fire hydrant replacement plans; and

WHEREAS, the ad hoc committee has delivered a report to the Board of Directors and the Water Board’s Superintendent has recommended the purchase of a stock of hydrants to continue replacement of non-functioning hydrants as they are discovered as well as to commence the systematic replacement of older model fire hydrants; and

WHEREAS, Lock City Supply, Inc., previously was awarded the bid to supply replacement fire hydrants;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board authorizes the procurement from Lock City Supply, Inc., of the following stock of fire hydrants:

90 – 5ft hydrants at \$2,132.74 = \$191,946.60
50 – 6ft hydrants at \$2,227.21 = \$111,360.50
10 – 4ft hydrants at \$2,038.14 = \$20,381.40
Total: \$323,688.50

Water Board Personnel Responsible for Implementation of this Resolution:
Superintendent

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
2019 CIP Item No. W-1, Hydrant Replacement (Additional Funds Required)

On November 25, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Forster	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman O’Callaghan	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Daniel T. O’Callaghan, Chairperson

Sean W. Costello, Secretary to the Board

**AWARDING IN PART AND REJECTING IN PART
COOPERATIVE CHEMICAL BIDS**

WHEREAS, the Niagara Falls Water Board (“Water Board”) was assisted by the City of Niagara Falls Purchasing Department in soliciting bids for chemicals necessary for the operation of the Water Board’s Water and Wastewater Treatment Plants, with said procurement in cooperation with the Niagara County Water District, the Cities of Lockport and North Tonawanda, and the Towns of Grand Island, Lewiston, and Newfane under Bid No. W2019-01; and

WHEREAS, City of Niagara Falls Purchasing has tabulated the results and highlighted the lowest responsible bidder meeting the specifications for each of the necessary chemicals; and

WHEREAS, since the original specifications for the cooperative chemical bid were prepared, the Water Board has discovered that a granular lime works better in its process than powdered lime, and as the low bidder for bid item No. 8, High Calcium, High Reactivity Rotary Kiln Quicklime, proposes to supply the lime as a powder, the Water Board has determined that the bid for powdered lime must be rejected and rebid with specifications requiring appropriately-sized granular lime;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby awards the 2020 Cooperative Chemical Bids as follows:

Bid Item No.	Chemical	Low Bidder	Price
1	Chlorine in one-ton cylinders	Kuehne Chemical Co., Inc.	\$2,000 per ton
2	Chlorine in 150-pound cylinders	JCI – Jones Chemicals, Inc.	\$350 per cylinder
3	Ferric Chloride	PVS Technologies, Inc.	\$603 per dry ton
4	Hydrofluorosilicic Acid (minimum 23% solution)	Univar Solutions USA, Inc.	\$449 per ton
5	Hydrofluorosilicic Acid (minimum 25% solution)	Univar Solutions USA, Inc.	\$520 per ton
6	Sodium Hypochlorite	Olin Chlor-Alkali Products & Vinyls	\$0.43 per gallon delivered
7	Hydrogen Peroxide (H ₂ O ₂)	USP Technologies	\$538 per ton
8	High Calcium, High Reactivity Rotary Kiln Quicklime	- - ALL BIDS REJECTED - -	- - ALL BIDS REJECTED - -
9	Poly-Orthophosphate	Carus LLC	\$920 per ton
10	Polyaluminum Chloride	USALCO, LLC	\$265.20 per wet ton delivered

* CONTINUED ON NEXT PAGE *

AND IT IS FURTHER RESOLVED, that the Niagara Falls Water Board rejects all bids for bid item No. 8, High Calcium, High Reactivity Rotary Kiln Quicklime; and

IT IS FURTHER RESOLVED, that the Niagara Falls Water Board will request the City of Niagara Falls Purchasing Department’s assistance in soliciting bids for lime and will supply the requisite technical specifications for the lime to the Purchasing Department.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
FA.8330.0100.0419.009, GA.8130.0100.0419.014, GA.8130.0100.0419.018,
GA.8130.0100.0419.024, and GA.8130.0100.0419.028

On November 25, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Forster	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman O’Callaghan	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Daniel T. O’Callaghan, Chairperson

Sean W. Costello, Secretary to the Board

Sean Costello

From: Douglas Williamson
Sent: Friday, October 25, 2019 9:58 AM
To: Sean Costello
Cc: Pat Fama; Kendra Walker; Robert Rowe; Robert Dunn
Subject: RE: UNOFFICIAL Tally Sheet for Niagara Falls Water Board BID# W2019-01 Purchase of Chemicals for Municipal Water & Waste Water Treatment Facilities (Cooperative)

Sean,

I went through all the bids to determine the apparent low bidder and compared the 2020 bid to the 2019 bid.

As you can see below, all the chemicals went up by the percentages shown except for Sodium Hypochlorite, **which is a very good** because we use the most of this chemical.

2020 Chemical Bids												2020
Apparent Low Bidders : 10/23/2019		Apparent Low Bidder - 2020	Bid-2020	Bid-2019	Bid-2018	Bid-2017	Bid-2016	Bid-2015	Bid-2014	Bid - 2013	Bid - 2012	% Chang
1	Chlorine - Ton Cyls	JCI - Jones	\$815.00	\$790.00	\$ 790.00	\$ 750.00	\$ 700.00	\$600.00	\$550.00	\$ 600.00	\$ 488.00	3
2	Chlorine - 150 lb	JCI - Jones	\$350.00	\$300.00	\$ 300.00	\$ 200.00	\$ 200.00	\$200.00	\$110.00	\$ 125.00	\$ 90.00	17
3	Ferric chloride	PVS Technologies	\$603.00	\$588.00	\$ 494.00	\$ 422.66	\$ 397.00	\$434.40	\$ 341.68	\$ 352.08	\$ 323.33	3
4(a)	Hydrofluosilicic acid	Univar Solutions	\$449.00	\$364.00	\$ 435.00	\$ 401.00	\$ 449.00	\$507.00	\$529.00	\$ 574.00	\$ 581.00	23
5(b)	Hydrofluosilicic acid	Univar Solutions	\$520.00	\$364.00	\$ 435.00	\$ 471.00	\$ 483.25	\$576.00	\$ 605.00	\$ 622.00	\$ 627.00	43
6	Sodium Hypochlorite	Olin Chor-Alkali	\$ 0.453	\$ 0.477	\$ 0.423	\$ 0.473	\$ 0.519	\$ 0.499	\$ 0.532	\$ 0.487	\$ 0.517	-5
7	Hydrogen Peroxide	USP Technologies	\$538.00	\$425.90	\$ 426.00	\$ 432.00	\$ 424.00	\$404.00	\$ 394.00	\$ 416.00	\$ 359.00	26
8	Quicklime	Graymont	\$151.92	\$147.83	\$ 149.00	\$ 159.50	\$ 156.41	\$162.71	\$ 160.78	\$ 172.80	\$ 177.80	3
9	Polyorthophosphate	Carus	\$920.00	\$830.00	NA	\$ 716.00	\$ 738.00	\$740.00	\$ 780.00	\$ 820.00	\$1,057.57	11
10	Polyaluminum chloride	USALCO	\$265.20	\$238.00	\$ 195.40	\$ 189.49	\$ 206.80	\$223.00	\$ 233.00	\$ 254.00	\$ 260.00	11
XXX	(All WTP Chemicals)											
	(a) 2000 gallon lots	water										
	(b) 900 gallon lots	wastewater										
	(c) 50% solution	unused										



TO: The Board
FROM: Patrick Fama
Executive Director
DATE: November 15, 2019
SUBJECT: Bid #W2019-01 Cooperative Purchase of Chemicals for Municipal Water and Wastewater Treatment Facilities

We respectfully request you award the above referenced bid as follows:

TO: Jones Chemical, Incorporated (JCI)

Attn: Deborah Stella
100 Sunny Sol Boulevard.
Caledonia, New York 14423

FOR: Item #1: Chlorine, one-ton cylinders (approximately 406 Cylinders) \$ 815.00/Ton
(Niagara Falls estimated usage – 80 Cylinders)

Item #2: Chlorine, 150# cylinders (approximately 154 Cylinders) \$ 350.00/Cylinder

TO: PVS Technologies, Incorporated

Attn: Craig Mikkelson
10900 Harper Avenue
Detroit, Michigan 48213

FOR: Item #3: Ferric Chloride in tank trucks (approx. 850 tons) \$ 603.00/Dry Ton
(Niagara Falls estimated usage – 600 tons)

TO: Univar Solutions USA, Inc.

Attn: Michael Crea
200 Dean Sievers Place
Morrisville, Pennsylvania 19067-3700

FOR: Item #4: Hydrofluorosilicic Acid minimum 23% solution \$ 449.00/Ton
(Approximately 113 tons)
(Niagara Falls estimated usage – 100 tons)

Item #5: Purified Fluorosilicic Acid minimum 25% solution \$ 520.00/Ton
(Approximately 13 tons)

Continued

TO: Olin Chlor-Alkali Products & Vinyls

1001 West 31st Street, Suite 200
Downers Grove, Illinois 60515

FOR: Item #6: Sodium Hypochlorite in tank trucks
 (Approximately 3,050,600 Gallons)
 (Niagara Falls estimated. usage – 3,000,000 Gallons) \$ 0.453/Gallon

TO: USP Technologies/US Peroxide, LLC

Attn: Dan Kile
 1375 Peachtree Street NE, Suite 300N
Atlanta, Georgia 30309

FOR: Item #7: Hydrogen Peroxide (H₂O₂) in tank trucks
 (Approximately 60 tons) \$ 538.00/Ton
 (Niagara Falls estimated usage – 60 tons)

TO: Graymont

Attn: Charles Lucostic
 194 Match Factory Place
Bellefonte, Pennsylvania 16823

FOR: Item #8: Quicklime in hopper trucks (approximately 900 tons) \$ 151.92/Ton
 (Niagara Falls estimated usage – 900 tons)

TO: Carus Chemical Corporation

315 Fifth Street/P.O. Box 599
Peru, Illinois 61354-0599

FOR: Item #9: Poly-Orthophosphate (approximately 5 tons) \$ 920.00/Ton
 (Niagara Falls estimated usage – 5 tons)

TO: USALCO, LLC

Attn: Melanie Rock
 2601 Cannery Avenue
Baltimore, Maryland 21226

FOR: Item #10: Polyaluminum Chloride 50% in tank trucks \$ 265.20.00/Wet Ton
 (Approximately 954 tons)
 (Niagara Falls estimated usage – 750 tons)

Continued

The Purchasing Agent certifies that all bids were solicited in accordance with Section 103 of the General Municipal Law.

Notice that bids were to be received was advertised in the Niagara Gazette and bid requests were sent to Thirty-five (35) companies. Eighteen (18) bid and five (5) "No Bid" responses were received. The above referenced companies submitted the lowest bid prices for each respective item.

This bid was solicited by the Board not only for our water and wastewater plants, but also for the Niagara County Water District, the Cities of Lockport and North Tonawanda, and the Towns of Grand Island, Lewiston and Newfane. The Board will be awarding this bid on behalf of all seven public entities.

Funds for this expenditure are budgeted in the following codes: FA.8330.0100.0419.009, GA.8130.0100.0419.014, GA.8130.0100.0419.018, GA.8130.0100.0419.024 and GA.8130.0100.0419.028.

Respectfully submitted,

Patrick Fama
Executive Director



Douglas A. Janese, Jr.
Purchasing Agent

DAJ: lkh
Enc.

FORSTER ____ **KIMBLE** ____ **LARKIN** ____ **LEFFLER** ____ **O'CALLAGHAN** ____

5815 Buffalo Avenue • Niagara Falls, New York 14304 • 716 283-9770 • FAX 716 283-9748

www.nfwb.org

OFFICIAL TALLY SHEET

BID #W2019-01 2020 COOPERATIVE PURCHASE OF CHEMICALS FOR MUNICIPAL WATER AND WASTE WATER
 TREATMENT FACILITIES

PAGE 1 OF 2
 SET 1 OF 5

BID OPENING: OCTOBER 23, 2019 11:00 AM

VENDORS	Pencco, Inc. Attn: Sarah Duffy PO Box 600 San Felipe, TX 77473	GEO Specialty Chemicals Attn: Brenda Owens 9213 Arch Street Pike Little Rock, AR 72206	Graymont Attn: Charles Lucostic 194 Match Factory Place Bellefonte, PA 16823	Shannon Chemical Corporation Attn: Daniel C. Flynn PO Box 376 Malvern, PA 19355	Bison Laboratories Attn: Steven P. Morber 100 Leslie Street Buffalo, NY 14211
TEN (10) ITEMS					
1. 406 cylinders, more or less, of CHLORINE in one ton cylinders:	NO BID	NO BID	NO BID	NO BID	NO BID
2. 154 cylinders, more or less, of CHLORINE in 150# cylinders:	NO BID	NO BID	NO BID	NO BID	NO BID
3. 850 tons, more or less, of FERRIC CHLORIDE:	NO BID	NO BID	NO BID	NO BID	NO BID
4. 113 tons, more or less, of HYDROFLUOROSILICIC ACID (minimum 23% solution):	NO BID	NO BID	NO BID	NO BID	NO BID
5. 13 tons, more or less, of HYDROFLUOROSILICIC ACID (minimum 25% solution):	NO BID	NO BID	NO BID	NO BID	NO BID
6. 3,050,600 gallons, more or less, of SODIUM HYPOCHLORITE:	NO BID	NO BID	NO BID	NO BID	\$0.577 per gallon

OFFICIAL TALLY SHEET

BID #W2019-01 2020 COOPERATIVE PURCHASE OF CHEMICALS FOR MUNICIPAL WATER AND WASTE WATER
 TREATMENT FACILITIES

PAGE 2 OF 2

BID OPENING: OCTOBER 23, 2019 11:00 AM

SET 1 OF 5

VENDORS	Pencco, Inc. Attn: Sarah Duffy PO Box 600 San Felipe, TX 77473	GEO Specialty Chemicals Attn: Brenda Owens 9213 Arch Street Little Rock, AR 72206	Graymont Attn: Charles Lucostic 194 Match Factory Place Bellefonte, PA 16823	Shannon Chemical Corporation Attn: Daniel C. Flynn PO Box 376 Malvern, PA 19355	Bison Laboratories Attn: Steven P. Morber 100 Leslie Street Buffalo, NY 14211
TEN (10) ITEMS					
7. 60 tons, more or less, of HYDROGEN PEROXIDE (H₂O₂):	NO BID	NO BID	NO BID	NO BID	NO BID
8. 900 tons, more or less, of HIGH CALCIUM, HIGH REACTIVITY ROTARY KILN QUICKLIME:	NO BID	NO BID	\$151.92 per ton	NO BID	NO BID
9. 5 tons, more or less, of POLY-ORTHOPHOSPHATE:	NO BID	NO BID	NO BID	\$2323.00 per ton	NO BID
10. 954 tons, more or less, of POLYALUMINUM CHLORIDE:	NO BID	NO BID	NO BID	NO BID	NO BID
Signed Addendum I included with bid response	N/A	N/A	✓	✓	✓
Completed Certifications included with bid response	N/A	N/A	✓	✓	✓

NOTES:

SET 1 OF 5

OFFICIAL TALLY SHEET

BID #W2019-01 2020 COOPERATIVE PURCHASE OF CHEMICALS FOR MUNICIPAL WATER AND WASTE WATER
 TREATMENT FACILITIES

PAGE 1 OF 2
 SET 2 OF 5

BID OPENING: OCTOBER 23, 2019 11:00 AM

VENDORS	Kuehne Chemical Company, Inc. Attn: David Zilberfarb 86 N. Hackensack Ave Kearny, NJ 07032-4673	Carmeuse Lime, Inc. Attn: Felicia Reed 11 Stanwix St - 21 st Floor Pittsburgh, PA 15222	George S. Coyne Chemical Co., Inc. 3015 State Rd Croydon, PA 19021-6997	Applied Specialties, Inc. Attn: Erin Friend 33555 Pin Oak Pkwy Avon Lake, OH 44012-2319	Kemira Water Solutions, Inc. Nat'l Sales Office Attn: Christina M. Imbrogno 4321 W 6 th St Lawrence, KS 66049
TEN (10) ITEMS					
1. 406 cylinders, more or less, of CHLORINE in one ton cylinders:	\$2000.00 per ton	NO BID	NO BID	NO BID	NO BID
2. 154 cylinders, more or less, of CHLORINE in 150# cylinders:	NO BID	NO BID	NO BID	NO BID	NO BID
3. 850 tons, more or less, of FERRIC CHLORIDE:	NO BID	NO BID	NO BID	NO BID	\$656.00 per dry ton
4. 113 tons, more or less, of HYDROFLUOROSILICIC ACID (minimum 23% solution):	NO BID	NO BID	NO BID	NO BID	NO BID
5. 13 tons, more or less, of HYDROFLUOROSILICIC ACID (minimum 25% solution):	NO BID	NO BID	NO BID	NO BID	NO BID
6. 3,050,600 gallons, more or less, of SODIUM HYPOCHLORITE:	\$2.00 per gallon	NO BID	NO BID	NO BID	NO BID

OFFICIAL TALLY SHEET

BID #W2019-01 2020 COOPERATIVE PURCHASE OF CHEMICALS FOR MUNICIPAL WATER AND WASTE WATER TREATMENT FACILITIES PAGE 2 OF 2
 BID OPENING: OCTOBER 23, 2019 11:00 AM SET 2 OF 5

TEN (10) ITEMS	VENDORS	Kuehne Chemical Company, Inc. Attn: David Zilberfarb 86 N. Hackensack Ave Kearny, NJ 07032-4673	Carmeuse Lime Attn: Felicia Reed 11 Stanwix St – 21 st Floor Pittsburgh, PA 15222	George S. Coyne Chemical Co., Inc. 3015 State Rd Croydon, PA 19021-6997	Applied Specialties, Inc. Attn: Erin Friend 33555 Pin Oak Pkwy Avon Lake, OH 44012-2319	Kemira Water Solutions, Inc. Nat'l Sales Office Attn: Christina M. Imbrogno 4321 W 6 th St Lawrence, KS 66049
7. 60 tons, more or less, of HYDROGEN PEROXIDE (H₂O₂):	NO BID	NO BID	NO BID	NO BID	NO BID	NO BID
8. 900 tons, more or less, of HIGH CALCIUM, HIGH REACTIVITY ROTARY KILN QUICKLIME:	NO BID	\$169.00 per ton	NO BID	NO BID	NO BID	NO BID
9. 5 tons, more or less, of POLY-ORTHOPHOSPHATE:	NO BID	NO BID	NO BID	NO BID	NO BID	NO BID
10. 954 tons, more or less, of POLYALUMINUM CHLORIDE:	NO BID	NO BID	NO BID	NO BID	***\$0.32 per lb. delivered ***DEVIATION { \$640.00 /ton }	\$290.00 per wet ton
Signed Addendum I included with bid response	✓	✓	✓	N/A	✓	✓
Completed Certifications included with bid response	✓	✓	✓	N/A	✓	✓

NOTES:

SET 2 OF 5

OFFICIAL TALLY SHEET

BID #W2019-01 2020 COOPERATIVE PURCHASE OF CHEMICALS FOR MUNICIPAL WATER AND WASTE WATER
 TREATMENT FACILITIES
 BID OPENING: OCTOBER 23, 2019 11:00 AM

PAGE 1 OF 2
 SET 3 OF 5

VENDORS	PVS Technologies, Inc. Attn: Craig Mikkelson 10900 Harper Ave Detroit, MI 48213	Slack Chemical Company, Inc. Attn: Derek Davis PO Box 30 465 So. Clinton St Carthage, NY 13619	USP Technologies Attn: Dan Kile 1375 Peachtree Street NE Suite 300N Atlanta, GA 30309	USALCO, LLC Attn: Melanie Rock 2601 Cannery Ave Baltimore MD 21226	Gulbrandsen Technologies, Inc. Attn: David D. Drollinger PO Box 5523 2 Main St Clinton, NJ 08809
TEN (10) ITEMS					
1. 406 cylinders, more or less, of CHLORINE in one ton cylinders:	NO BID	NO BID	NO BID	NO BID	NO BID
2. 154 cylinders, more or less, of CHLORINE in 150# cylinders:	NO BID	NO BID	NO BID	NO BID	NO BID
3. 850 tons, more or less, of FERRIC CHLORIDE:	\$603.00 per dry ton	NO BID	NO BID	NO BID	NO BID
4. 113 tons, more or less, of HYDROFLUOROSILICIC ACID (minimum 23% solution):	NO BID	\$1198.42 per ton	NO BID	NO BID	NO BID
5. 13 tons, more or less, of HYDROFLUOROSILICIC ACID (minimum 25% solution):	NO BID	NO BID	NO BID	NO BID	NO BID
6. 3,050,600 gallons, more or less, of SODIUM HYPOCHLORITE:	NO BID	\$1.095 per gallon	NO BID	NO BID	NO BID

OFFICIAL TALLY SHEET

BID #W2019-01 2020 COOPERATIVE PURCHASE OF CHEMICALS FOR MUNICIPAL WATER AND WASTE WATER
TREATMENT FACILITIES

PAGE 2 OF 2
SET 3 OF 5

BID OPENING: OCTOBER 23, 2019 11:00 AM

VENDORS	PVS Technologies, Inc. Attn: Craig Mikkelson 10900 Harper Ave Detroit, MI 48213	Slack Chemical Company, Inc. Attn: Derek Davis PO Box 30 465 So. Clinton St Carthage, NY 13619	USP Technologies Attn: Dan Kile 1375 Peachtree Street NE Suite 300N Atlanta, GA 30309	USALCO, LLC Attn: Melanie Rock 2601 Cannery Ave Baltimore MD 21226	Gulbrandsen Technologies, Inc. Attn: David D. Drollinger PO Box 5523 2 Main St Clinton, NJ 08809
TEN (10) ITEMS					
7. 60 tons, more or less, of HYDROGEN PEROXIDE (H₂O₂):	NO BID	NO BID	\$538.00	NO BID	NO BID
8. 900 tons, more or less, of HIGH CALCIUM, HIGH REACTIVITY ROTARY KILN QUICKLIME:	NO BID	NO BID	NO BID	NO BID	NO BID
9. 5 tons, more or less, of POLY-ORTHOPHOSPHATE:	NO BID	NO BID	NO BID	NO BID	NO BID
10. 954 tons, more or less, of POLYALUMINUM CHLORIDE:	NO BID	NO BID	NO BID	\$265.20 per wet ton delivered	***\$0.299 per lb.*** ***DEVIATION*** {\$599.80 per ton}
Signed Addendum I included with bid response	✓	✓	✓	✓	Not included
Completed Certifications included with bid response	✓	✓	✓	✓	✓

NOTES:

SET 3 OF 5

OFFICIAL TALLY SHEET

BID #W2019-01 2020 COOPERATIVE PURCHASE OF CHEMICALS FOR MUNICIPAL WATER AND WASTE WATER
 TREATMENT FACILITIES

PAGE 1 OF 2

BID OPENING: OCTOBER 23, 2019 11:00 AM

SET 4 OF 5

<p align="center">VENDORS</p> <p>TEN (10) ITEMS</p>	<p>Univar Solutions USA, Inc. Attn: Michael Crea 200 Dean Sievers Place Morrisville, PA 19067-3700</p>	<p>SAL Chemical Attn: Lisa Jack 3036 Birch Dr Weirton, WV 26062</p>	<p>Carus LLC 315 Fifth St PO Box 599 Peru, IL 61354- 0599</p>	<p>Evoqua Water Technologies, LLC 2650 Tallevast Rd Sarasota, FL 34243-3912</p>	<p>Holland Company, Inc. Attn: Bryan Tanner 153 Howland Ave Adams, MA 01220- 1199</p>
<p>1. 406 cylinders, more or less, of CHLORINE in one ton cylinders:</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>
<p>2. 154 cylinders, more or less, of CHLORINE in 150# cylinders:</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>
<p>3. 850 tons, more or less, of FERRIC CHLORIDE:</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>
<p>4. 113 tons, more or less, of HYDROFLUROSILICIC ACID (minimum 23% solution):</p>	<p align="center">\$449.00</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>
<p>5. 13 tons, more or less, of HYDROFLUROSILICIC ACID (minimum 25% solution):</p>	<p align="center">\$520.00</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>
<p>6. 3,050,600 gallons, more or less, of SODIUM HYPOCHLORITE:</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>	<p align="center">NO BID</p>

SET 4 OF 5

OFFICIAL TALLY SHEET

BID #W2019-01 2020 COOPERATIVE PURCHASE OF CHEMICALS FOR MUNICIPAL WATER AND WASTE WATER
 TREATMENT FACILITIES

PAGE 2 OF 2

BID OPENING: OCTOBER 23, 2019 11:00 AM

SET 4 OF 5

TEN (10) ITEMS	VENDORS	Univar Solutions USA, Inc. Attn: Michael Crea 200 Dean Sievers Place Morrisville, PA 19067-3700	SAL Chemical Attn: Lisa Jack 3036 Birch Dr Weirton, WV 26062	Carus LLC 315 Fifth St PO Box 599 Peru, IL 61354- 0599	Evoqua Water Technologies, LLC 2650 Tallevast Rd Sarasota, FL 34243- 3912	Holland Company, Inc. Attn: Bryan Tanner 153 Howland Ave Adams, MA 01220- 1199
7. 60 tons, more or less, of HYDROGEN PEROXIDE (H₂O₂):		NO BID	NO BID	NO BID	NO BID	NO BID
8. 900 tons, more or less, of HIGH CALCIUM, HIGH REACTIVITY ROTARY KILN QUICKLIME:		NO BID	NO BID	NO BID	NO BID	NO BID
9. 5 tons, more or less, of POLY-ORTHOPHOSPHATE:		NO BID	\$998.00 per ton	\$920.00	NO BID	NO BID
10. 954 tons, more or less, of POLYALUMINUM CHLORIDE:		NO BID	NO BID	NO BID	NO BID	\$434.00 per wet ton
Signed Addendum I included with bid response		✓	✓	✓	N/A	✓
Completed Certifications included with bid response		✓	✓	✓	N/A	✓

NOTES:

SET 4 OF 5

OFFICIAL TALLY SHEET

BID #W2019-01 2020 COOPERATIVE PURCHASE OF CHEMICALS FOR MUNICIPAL WATER AND WASTE WATER
TREATMENT FACILITIES

PAGE 1 OF 2
SET 5 OF 5

BID OPENING: OCTOBER 23, 2019 11:00 AM

VENDORS	¹ Olin Chlor-Alkali Products & Vinyls Attn: Lisbeth Todner 1001 West 31 st St Suite 200 Downers Grove, IL 60515	² JCI – Jones Chemicals, Inc. Attn: Deborah Stella 100 Sunny Sol Blvd Caledonia, NY 14423	PVS Nolwood Chemicals, Inc. Attn: Sherry Jones 10900 Harper Ave Detroit, MI 48213	XXX	XXX
TEN (10) ITEMS					
1. 406 cylinders, more or less, of CHLORINE in one ton cylinders:	NO BID	\$815.00 per ton	NO BID		
2. 154 cylinders, more or less, of CHLORINE in 150# cylinders:	NO BID	\$350.00 per cylinder	NO BID		
3. 850 tons, more or less, of FERRIC CHLORIDE:	NO BID	NO BID	NO BID		
4. 113 tons, more or less, of HYDROFLUROSILICIC ACID (minimum 23% solution):	NO BID	NO BID	NO BID		
5. 13 tons, more or less, of HYDROFLUROSILICIC ACID (minimum 25% solution):	NO BID	NO BID	NO BID		
6. 3,050,600 gallons, more or less, of SODIUM HYPOCHLORITE:	\$0.453 per gallon delivered	\$0.468 per gallon	NO BID		

OFFICIAL TALLY SHEET

BID #W2019-01 2020 COOPERATIVE PURCHASE OF CHEMICALS FOR MUNICIPAL WATER AND WASTE WATER
 TREATMENT FACILITIES

PAGE 2 OF 2
 SET 5 OF 5

BID OPENING: OCTOBER 23, 2019 11:00 AM

VENDORS TEN (10) ITEMS	¹ Olin Chlor-Alkali Products & Vinyls 1001 West 31 st St Suite 200 Downers Grove, IL 60515	² JCI – Jones Chemicals, Inc. Attn: Deborah Stella 100 Sunny Sol Blvd Caledonia, NY 14423	PVS Nolwood Chemicals, Inc. Attn: Sherry Jones 10900 Harper Ave Detroit, MI 48213	XXX	XXX
7. 60 tons, more or less, of HYDROGEN PEROXIDE (H₂O₂):	NO BID	NO BID	NO BID		
8. 900 tons, more or less, of HIGH CALCIUM, HIGH REACTIVITY ROTARY KILN QUICKLIME:	NO BID	NO BID	NO BID		
9. 5 tons, more or less, of POLY-ORTHOPHOSPHATE:	NO BID	NO BID	NO BID		
10. 954 tons, more or less, of POLYALUMINUM CHLORIDE:	NO BID	NO BID	NO BID		
Signed Addendum I included with bid response	✓	✓	N/A		
Completed Certifications included with bid response	✓	✓	N/A		

NOTES:

¹Payment Terms: Net 30 days
 Lead Time: 1 – 2 days after receipt of order or as requested.
 Sodium Hypochlorite deliveries will be made in a bulk tank truck.

²Delivery: Chlorine – 3 to 4 days ARO
 Sodium Hypochlorite – 1 to 3 days ARO