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**Regular Session of the  
Niagara Falls Water Board  
September 23, 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. Presentation by Ruby Pulliam, Secretary to the Municipal Civil Service Commission
- d. Presentation by Clifford Scott, Executive Director of the Niagara Falls Housing Authority
- e. Approval of Minutes from July 22, 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 September 16, 2019.

**6. Information Technology (IT)**

**7. Director of Financial Services – Financial Reports**

**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**

**2019-09-001 – AUTHORIZING SETTLEMENT OF PERSONAL-INJURY LITIGATION WITH STEVEN WALOS, JR.**

**2019-09-002 – REPLACEMENT OF WWTP CONTROL ROOM AIR HANDLING UNIT'S EVAPORATOR COIL**

- a. Quackenbush Quote dated July 30, 2019

**2019-09-003 – AWARD BID FOR REPAIR OF COMBINED SEWER MANHOLE AT GRAND AVENUE AND 22ND STREET**

- a. Bid Tabulation and Award Recommendation

**2019-09-004 – ESTABLISHING AD-HOC COMMITTEE TO STUDY FIRE HYDRANT REPLACEMENT**

**2019-09-005 – AUTHORIZING ENGINEERING SERVICES AGREEMENT FOR OUTFALL 003 REDIRECTION PROJECT**

- a. Award Recommendation Memorandum
- b. Proposal and Cost Scoring Matrix
- c. Proposal Summaries
- d. GHD Proposal dated September 6, 2019

**2019-09-006 – AUTHORIZING CONTRACTUAL ASSISTANCE – GRADE 4 LICENSE**

- a. GHD Proposal dated September 9, 2019

**2019-09-007 – VMWARE STORAGE SYSTEM HARDWARE UPGRADE**

- a. Dell Quote No. 3000046456341.1

**2019-09-008 – DESIGNATING INSURANCE BROKER FOR WORKERS COMPENSATION, PROPERTY, AND LIABILITY INSURANCE**

**2019-09-009 – REPLACEMENT OF SHUNT TRIP UNITS IN 115kV CIRCUIT SWITCHER AT WASTEWATER TREATMENT PLANT SUBSTATION**

- a. Ferguson Quote FES#PL20380, September 10, 2019

**2019-09-010 – RELINING OF WOOD STAVE BULK CHEMICAL STORAGE TANKS AT WTP**

- a. **Mollenberg-Betz Quote and Invoice**

**2019-09-011 – AUTHORIZING PROCUREMENT OF FLEET TELEMATICS SERVICES FROM ENTERPRISE FLEET MANAGEMENT**

- a. **Enterprise Quote**

**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  
July 22, 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   P   Leffler   P   O’Callaghan   P  

**a. Letters and Communications**

**i. July 16, 2019 Letter from Environmental Facilities  
Corporation Increasing Water Infrastructure Improvement  
Act Grant Award**

*The NFWB was advised that its NYS Water Infrastructure Act (WIIA) grant for  
watermain replacement has increased from \$2,760,000 to \$3,000,000.*

**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)**

*Mr. Paul Cooke spoke in front of the Board regarding a billing issue at his residential  
property on Beech Ave. His property is the only residence within 3 blocks. The water  
pipes freeze every 2-3 years; to his knowledge, at least 4 times in the past 14 years he  
has resided on Beech Ave. The most recent occurrence took place on February 3, 2019.  
Mr. Cooke stated he went approximately 8-9 days with no water. Ms. Kimble advised  
that the NFWB’s meter shop would evaluate Mr. Cooke’s property. Mr. Cooke  
explained the NFWB did evaluate his property and then ran water from a neighbor’s  
house to Mr. Cooke’s house. Mr. Cooke stated it was communicated to him that this  
would be at no charge to him. On March 31<sup>st</sup>, the NFWB returned to Mr. Cooke’s  
property to disconnect the water that was still being run from Mr. Cooke’s neighbor’s  
home. In the meantime, Mr. Cooke received a \$450.00 water bill. Mr. Cooke is asking  
for his recent bills to be evaluated.*

*Mr. Forster asked Mr. Cooke what he believes to be fair regarding his current situation  
with his water bill. Mr. Cooke explained he has always accumulated a minimum  
quarterly water bill that is approximately \$130.00 and believes that is a fair amount.*

*Ms. Walker stated she will re-evaluate Mr. Cooke’s current bill and she will be in  
contact with him.*

*Mr. O'Callaghan stated he wants to ensure that NFWB employees are properly informing rate payers on their payment responsibilities.*

**c. Approval of Minutes from July 15, 2019 Special Meeting**

*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*

**d. Approval of Minutes from June 24, 2019 Meeting**

*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*

**2. From the Executive Director**

*Mr. Fama had nothing new to discuss at this time.*

*No further questions were asked.*

**3. Superintendent**

*Mr. Wright had nothing new to discuss at this time.*

*No further questions were asked.*

**4. Engineering**

*Mr. Williamson provided a drawing, outlining potential locations for contractors to park their construction vehicles while performing work at the WWTP.*

*Mr. O'Callaghan questioned if the necessary power supply for equipment was thought out during the preparation of this drawing. Mr. O'Callaghan explained that any of the contractors that will be on site performing work, will request adequate parking along with electrical capabilities.*

*Mr. Williamson also discussed a possible bid for the generator maintenance service at the WWTP.*

*Mr. Wright explained that he currently is working on individual pricing that may come in under the allotted \$10,000, not requiring the bid process. Mr. Wright will report out any further findings on this matter at the September 2019 board meeting.*

*Mr. O'Callaghan questioned the status of the 2014 FEMA project and the LaSall flow monitoring.*

*Mr. Williamson stated that Arcadis is moving along with their analysis of the flow monitoring data. For the FEMA project at the WWTP, \$5.8 million dollars is the total cost of the project; \$2.8 million dollars will be funded by FEMA.*

*Mr. O'Callaghan also questioned the generators at the lift stations. Jay Meyers from CPL explained a kick-off meeting took place last week. CPL is currently waiting on a submittal from CIR.*

**5. Director of Administrative Services – Personnel Items**

**a. Staff Requested:**

**i. Motion to Approve Personnel Actions and Report dated July 22, 2019.**

*Mr. Perry provided a revised personnel actions report. Due to the discussion of a personnel matter in relation to the hiring, firing, promotion, or discipline of a particular individual, the board choose to vote on the proposed personnel actions after they have discussed that matter further in executive session.*

**6. Information Technology (IT)**

*Mr. O'Callaghan requested an update on the GPS meeting with Verizon that took place recently.*

*Mr. Perry stated that Mr. Morock met with Verizon representatives. It was stated that there were a number of unaccounted for GPS's that the NFWB will be credited for.*

*Mr. Perry stated that due to some recent issues the NFWB has had with Verizon Wireless regarding the GPS, if the work completed is not up to the NFWB's standards, Mr. Perry will seek other vendors to help assist with this matter.*

*Ms. Walker stated that in our most recent meeting with Enterprise, they communicated to the NFWB that they offer GPS capabilities that will work hand-in-hand with our current fleet.*

## **7. Director of Financial Services – Financial Reports**

*Mr. O’Callaghan stated regarding his recent request for the current balance on the NFWB’s capital budget, he would like this report to be outlined by individual projects.*

*Ms. Larkin questioned the status of the e-check option from Bank on Buffalo.*

*Ms. Walker stated she has not received any updates from Bank on Buffalo, but that no one anticipated the in-depth process that is currently taking place.*

## **8. Other Reports**

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

*The NFWB reported zero OSHA/PESH recordable injuries and zero first aid incidents during the month of June.*

## **9. General Counsel and Secretary**

*Mr. Costello had nothing new to discuss at this time.*

*No further questions were asked.*

## **10. From the Chairman**

*Mr. O’Callaghan had nothing new to discuss at this time.*

*No further questions were asked.*

## **11. Resolutions**

### **2019-07-002 – AUTHORIZING WATER TREATMENT PLANT BACKUP GENERATOR REPAIRS**

- a. Milton CAT Service Estimate No. SCQT074370, June 25, 2019

*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*



**2019-07-003 – APPROVING ZERO COST CHANGE ORDER NUMBER 2  
FOR EMERGENCY REPAIR CONTRACT**

**a. Change Order Number 2**

*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*

**2019-07-004 – DESIGNATING USI INSURANCE SERVICES, INC., AS BROKER  
OF RECORD FOR WORKERS COMPENSATION POLICY**

*This resolution failed for lack of a motion to approve.*

**2019-07-005 – AWARDING BID FOR GORGE PUMP STATION ELEVATOR  
REFURBISHMENT AND UPGRADES**

**a. Bid Tabulation Summary**

*Motion by Ms. Larkin and seconded by Mr. O’Callaghan to approve*

*Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_ O’Callaghan \_\_Y\_\_*

*Motion carried 5-0*

**2019-07-006 – AWARDING BID FOR CLEARWELL VENT BUILDING ROOF  
REPLACEMENT**

**a. Bid Tabulation Summary**

*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*

**2019-07-007 – RESOLUTION AUTHORIZING GRANT AND FINANCING  
APPLICATIONS FOR WORK AT GORGE PUMPING STATION**

*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*

**2019-07-008 – SEQRA TYPE II DETERMINATION FOR GORGE PUMPING STATION IMPROVEMENT PROJECTS**

*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*

**2019-07-009 – APPROVING MARKETING AGREEMENT WITH UTILITY SERVICES PARTNERS PRIVATE LABEL, INC. (“HOMESERV”) FOR WATER AND SEWER SERVICE LINE PROTECTION PROGRAM**

**a. Marketing Agreement**

*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*

***Walk-On Resolution: 2019-07-010 – CHANGE ORDER FOR CHEMICAL TANK DEMOLITION PROJECT***

*Motion by Ms. Larkin and seconded by Ms. Leffler to consider this resolution received after the deadline (“walk-on”).*

*Forster \_\_Y\_\_ Kimble \_\_N\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_ O’Callaghan \_\_Y\_\_*

*Motion carried 4-1*

*Ms. Kimble noted that she would not vote to approve the resolution because of her dissatisfaction with how the project was handled and because she felt this should have been included in the original scope of work.*

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

*Forster \_\_Y\_\_ Kimble \_\_N\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_ O’Callaghan \_\_Y\_\_*

*Motion carried 4-1*

**12. Unfinished Business**

*Mr. Forster stated that he has reviewed the hydrant study from 2010. In this study, it states the NFWB is to replace 930 fire hydrants or over the course of 10 years, replace*

*90-100 fire hydrants per year. Mr. Forster would like to see a plan implemented to replace a minimum of 90 fire hydrants annually. Ms. Kimble states she would like a better analysis to prepare for budgeting and requested a resolution to establish an ad-hoc committee to study the hydrant replacement plan, including one Board member.*

*Mr. O'Callaghan asked that staff find out details regarding reimbursement for expenses that should be covered in part by the \$500,000 grant the DEC provided to conduct certain studies at the wastewater treatment plant.*

### **13. New Business & Additional Items for Discussion**

*Ms. Leffler questioned the plan previously mentioned by CPL to contact the Tuscarora about supplying water to their Reservation and noted that the Board needs more information regarding this project if it is going to advance. Costs should not be borne by the Water Board.*

### **14. Executive Session (if needed)**

*Motion by Ms. Leffler and seconded by Ms. Larkin to enter into executive session at 6:34 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*

*Whereupon, following executive session and a brief break, the Board returned to the public meeting at 8:29 p.m.*

*Motion by Ms. Larkin and seconded by Ms. Leffler to approve only item 1.1 of those actions listed on the personnel action report.*

*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 8:30 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, September 16, 2019**

Personnel Actions Requested of the Board				
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I. PERSONNEL ACTIONS RECOMMEND TO HIRE				
Line Item Number	Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION
1.1	CDT Trainee	Collection & Distribution Maintenance Team	\$ 15.78 / hr.	Backfill for John Summerson retirement from July

II. RECOMMENDED PROMOTION / MOVE / APPOINTMENT				
Line Item Number	Position	Type of labor move	Change in pay rate or grade	ADDITIONAL INFORMATION
2.1	MW 2	Upgrade to MW3	Grade 9 to Grade 10	Requested by supervisor in recognition of performance. At current level Step up = \$ .72
2.2	CDT Trainee	Promotion	Promotion to CDT Technician	Technicians have attained the skill level to run a job on their own with trainee (requires a CDL) increase \$1.00
2.3	CDT Tech	Promotion	from Technician to Team Leader	Team Leaders have attained the skill level to instruct others on how to make repairs and complete jobs increase \$1.00 approx.

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
J. Summerson	Retirement	Collection & Distribution	Crew Leader Specialist	Retired effective July

V. OTHER ACTI OTHER PERSONNEL ACTIVITY FOR BOARD NOTIFICATION				

VI. PERSONNEL ON LONG TERM LOA				
Name	Last Day Worked	Dept.	Return Status	Comments
Tim Gratto	4/16/2019	Outside Water	Unknown	Worker's Comp

**AUTHORIZING SETTLEMENT OF PERSONAL-INJURY LITIGATION  
WITH STEVEN WALOS, JR.**

**WHEREAS**, on or about September 3, 2013, Steven Walos, Jr., filed a notice of claim, and on July 28, 2014, filed a lawsuit, against the Niagara Falls Water Board seeking to recover for personal injuries, including broken ribs, that he sustained after a motorcycle accident allegedly resulting from the Water Board's negligence with respect to the maintenance of a sewer grate or manhole; and

**WHEREAS**, the plaintiff now is willing to settle his claims against the Water Board for \$5,000; and

**WHEREAS**, the Water Board denies any fault or negligence in connection with the underlying incident, but further litigation will require a substantial investment of Water Board resources and the Water Board's best interests therefore are served by compromising Mr. Walos's claim to avoid the further costs of litigation;

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board be and is hereby authorized to pay the sum of \$5,000 to Fanizzi & Barr, P.C. as attorneys for Steven Walos, Jr., as settlement in full of the case *Steven Walos, Jr. v. Niagara Falls Water Board*, Niagara County Supreme Court Index No. 153701, on the condition that Mr. Walos executes a general release acknowledging that no party admits fault for the underlying incident.

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

*Water Board Budget Line or Capital Plan Item with Funds for this Resolution:*  
GA.1930.0000.0449.599

On September 23, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

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

Signed By:

Vote Witnessed By:

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Daniel T. O'Callaghan, Chairperson

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Sean W. Costello, Secretary to Board

**REPLACEMENT OF WWTP CONTROL ROOM  
AIR HANDLING UNIT'S EVAPORATOR COIL**

**WHEREAS**, the air handling unit that cools the wastewater treatment plant control room currently is non-functional as a result of the failure of a coil evaporator; and

**WHEREAS**, Quackenbush Co., Inc., using pre-bid material and labor prices, has presented quote No. Q19225 dated July 30, 2019 to complete the necessary replacement for an estimated \$13,458; and

**WHEREAS**, the Quackenbush replacement quote includes an epoxy protective coating to prolong its service life;

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board hereby authorizes payment to Quackenbush Co., Inc., up to \$13,458 to replace the wastewater treatment plant control room air handling unit's coil evaporator.

*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.8130.0200.0444.000, Repair of Equipment

On September 23, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

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

Signed By:

Vote Witnessed By:

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Daniel T. O'Callaghan, Chairperson

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Sean W. Costello, Secretary to the Board



**QUACKENBUSH CO., INC.**  
**MECHANICAL CONTRACTORS**

VIA EMAIL  
Q19225

July 30, 2019

Joe Argona, Maintenance Supervisor  
Niagara Falls Water Board  
5815 Buffalo Avenue  
Niagara Falls, NY 14304

Re: Control Room AHU-1 Evap Coil Replacement

Dear Joe:

We propose to provide **budget** pricing for material, equipment, labor and supervision to install a Trane replacement coiling coil evaporator and to provide a Cationic Epoxy Electrocoat "Powercron 6100HE" coating to help protect the coil life from H2S gas. All for the budget sum of:

**THIRTEEN THOUSAND FOUR HUNDRED FIFTY-EIGHT DOLLARS AND 00/100....**  
**\$13,458.00**

Quote valid for thirty (30) days.

Clarifications:

- Demo of existing coil;
- Furnish and install of new coil;
- Recharging of unit with R-22 Refrigerant (45#);
- Delivery and pickup of coil to be coated;
- No other repairs are included;
- Upon completion of installation we will perform check, test and start up.

This price does NOT include: Overtime work hours; Sales or use tax; or Delays not to our account.

Thank you for this opportunity to quote your work. If you have any questions, please do not hesitate to call me.

Sincerely,

Jeff Thomson  
Service Manager

Cc: R. Wagner, C. Minchen – Quackenbush

NIAGARA FALLS WATER BOARD RESOLUTION # 2019-09-003

**AWARD BID FOR REPAIR OF COMBINED SEWER MANHOLE  
AT GRAND AVENUE AND 22ND STREET**

**WHEREAS**, Niagara Falls Water Board (“Water Board”) staff have identified a combined sewer manhole near the corner of Grand Avenue and 22nd Street (“the manhole”) that requires repairs that exceed the Water Board’s own manpower and equipment resources; and

**WHEREAS**, on behalf of the Water Board, the City of Niagara Falls Engineering Department prepared specifications and solicited bids for the replacement of the manhole; and

**WHEREAS**, the bids received have been reviewed and tabulated; and

**WHEREAS**, City Engineering and Water Board staff recommend awarding the bid to Mark Cerrone, Inc., as the lowest responsible bidder with a total base bid item price of \$42,950;

**NOW THEREFORE BE IT**

**RESOLVED**, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to contract with Mark Cerrone, Inc., for repair of the combined sewer manhole near the corner of Grand Avenue and 22nd Street, for a total amount not to exceed the bid of \$42,950.

*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. S-8, Sewer/GPS Infrastructure Projects – Miscellaneous

On September 23, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member 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





# City of Niagara Falls, New York

P.O. Box 69, Niagara Falls, NY 14302-0069

## ENGINEERING DEPARTMENT

August 5, 2019

### Niagara Falls Water Board

Mayor Michael C. O'Laughlin  
Niagara Falls Water Treatment Facility  
5815 Buffalo Avenue  
Niagara Falls, New York 14304

Attention: Mr. Patrick Fama  
Executive Director

Mr. Fama:

Attached to this brief letter please find the standard City of Niagara Falls Bid Security Information and the Bid Tabulation Summary Sheets as submitted for the following project:

**COMBINED SEWER MANHOLE REPAIR PROJECT  
GRAND AVENUE and 22<sup>ND</sup> STREET  
(S.C. # 1654)**

Arithmetical and typographical errors (if any) have been corrected and the entire package is offered for your review, information and reference. The verified, successful and responsible low bidder for this project is:

**Mark Cerrone, Inc.  
2368 Maryland Avenue  
Niagara Falls, New York 14305**

at the total base bid item price of: **\$ 42,950.00**

The City of Niagara Falls Engineering Department recommends award of this contract to the above-referenced firm, based upon items within its review, as indicated without prejudice or further qualification.

Please contact me at your convenience if questions arise or additional clarification is deemed necessary.

Sincerely,

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

John Gerlach, P.E.  
City Engineer

attachments (2)

cc: file

**CONTRACT: COMBINED SEWER MANHOLE REPAIR - GRAND AVENUE and 22ND STREET**

**BID OPENING: August 5, 2018**

**TIME: 3:00 P.M.**

**SHEET 01 OF 01**

**BID SECURITY: 5% OF AMOUNT BID**

#	BID ITEM	QTY.	UNIT	MARK CERRONE INC.		EDBAUER INC.		4TH GENERATION, INC.	
				PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	NEW PVC SEWER PIPE - 12" DIA. INSTALLATION OF EXTERNAL DROP ASSEMBLY	1	L.S.	20,950.00	20,950.00	66,200.00	66,200.00	40,000.00	40,000.00
2	EXISTING MANHOLE ALTERATION(S)	1	L.S.	5,000.00	5,000.00	5,000.00	5,000.00	2,000.00	2,000.00
3	PAVEMENT RESTORATION	1	L.S.	11,500.00	11,500.00	8,000.00	8,000.00	5,000.00	5,000.00
4	MAINTENANCE AND PROTECTION OF TRAFFIC	1	L.S.	3,900.00	3,900.00	17,000.00	17,000.00	3,000.00	3,000.00
5	MOBILIZATION	1	L.S.	1,600.00	1,600.00	3,500.00	3,500.00	2,000.00	2,000.00

<b>\$42,950.00</b>
<b>1</b>

<b>\$99,700.00</b>
<b>3</b>

<b>\$52,000.00</b>
<b>2</b>

**NOTE: BASIS OF AWARD IS LOWEST RESPONSIBLE BASE BID**



**ESTABLISHING AD-HOC COMMITTEE  
TO STUDY FIRE HYDRANT REPLACEMENT**

**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

**WHEREAS**, a 2001 leak study and 2010 hydrant study made certain recommendations regarding the replacement of fire hydrants; and

**WHEREAS**, in order properly to budget and to plan a program of hydrant replacements, the Water Board desires to establish an ad hoc committee to issue a report and recommendation to the Board; and

**WHEREAS**, Superintendent Bill Wright recommends that the staff members assigned to that committee be himself, Acting Supervisor of Pipes Michael Eagler, Sr., Sanitary Engineer Clayton Hotchkiss, and Senior Engineer Technician Adam Janzen; and

**WHEREAS**, the Board also desires that one of its members be assigned to participate in the ad-hoc committee to study fire hydrant replacement;

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board hereby directs the following staff to participate in an ad-hoc committee to study fire hydrant replacement which shall deliver a report and recommendation to the Board: Superintendent Bill Wright, Acting Supervisor of Pipes Michael Eagler, Sr., Sanitary Engineer Clayton Hotchkiss, and Senior Engineer Technician Adam Janzen; and

**IT IS FURTHER RESOLVED**, that Board Chairman O’Callaghan shall be the Board’s representative on the ad-hoc committee to study fire hydrant replacement.

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

Superintendent

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

Not applicable.

On September 23, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

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

Signed By:

Vote Witnessed By:

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Daniel T. O’Callaghan, Chairperson

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Sean W. Costello, Secretary to the Board

*NIAGARA FALLS WATER BOARD RESOLUTION # 2019-09-005*

**AUTHORIZING ENGINEERING SERVICES AGREEMENT FOR  
OUTFALL 003 REDIRECTION PROJECT**

**WHEREAS**, the Niagara Falls Water Board (“Water Board”) issued Request for Proposals (“RFP”) No. 2019-04, Redirect Outfall 003 from the Falls Street Tunnel to the Gorge Pump Station; and

**WHEREAS**, the deadline for sealed proposal submissions was extended to Monday, September 9, 2019 by 11:00 a.m.; and

**WHEREAS**, three proposals were received for RFP No. 2019-04, Redirect Outfall 003 from the Falls Street Tunnel to the Gorge Pump Station; and

**WHEREAS**, Water Board staff evaluated the three proposals received for RFP No. 2019-04, Redirect Outfall 003 from the Falls Street Tunnel to the Gorge Pump Station; and

**WHEREAS**, the Water Board’s engineering staff recommend that the Water Board select GHD’s September 6, 2019 proposal to perform the work as an amendment to GHD’s existing contract for Wastewater Treatment Plant Upgrades: Project 2, Gorge Pumping Station Rehabilitation; and

**WHEREAS**, engineering staff further recommends as necessary and appropriate the two proposed alternates set forth in GHD’s September 6, 2019 proposal, to design necessary improvements to Falls Street Tunnel Outfall 003 metering and Gorge Pump Station Outfall 006 metering that will be required after the outfall redirection work is completed;

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board hereby accepts GHD’s September 6, 2019 proposal to perform the work called for in RFP No. 2019-04, Redirect Outfall 003 from the Falls Street Tunnel to the Gorge Pump Station, as an amendment to GHD’s existing contract for Wastewater Treatment Plant Upgrades: Project 2, Gorge Pumping Station Rehabilitation for a total cost not to exceed \$26,700, plus proposed Alternate 1 (FST Outfall 003 Metering Improvement \$3,500) and proposed Alternate 2 (GPS Outfall 006 Metering Improvement \$7,200) for a total expenditure authorized by this Resolution not to exceed \$37,400; and

\* CONTINUED ON NEXT PAGE \*

**IT IS FURTHER RESOLVED**, that upon negotiation of an agreement approved as to form by General Counsel, the Water Board's Executive Director is authorized to execute an amendment to GHD's existing agreement with the Water Board for WWTP Project 2 to add to that contract's scope of work the services authorized by this Resolution.

*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-11, Outfalls - Relocate Outfall 003 from the Falls Street Tunnel to the Gorge Pump Station

On September 23, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

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

Signed By:

Vote Witnessed By:

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Daniel T. O'Callaghan, Chairperson

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Sean W. Costello, Secretary to the Board

# NIAGARA FALLS WATER BOARD



## **REQUEST FOR PROPOSALS (“RFP”) NO. 2019-04** **Redirect Outfall 003 from the Falls Street Tunnel** **to the Gorge Pump Station**

### **AWARD RECOMMENDATION MEMO**

**DATE:** 9/13/19

After review of the (3) engineering consultant proposals received by September 9<sup>th</sup>, 2019 at 11:00 am, we have (1) one final recommendation by the proposal evaluation team for the Request for Proposals (“RFP”) No. 2019-04 Redirect Outfall 003 from the Falls Street Tunnel to the Gorge Pump Station.

We recommend having GHD perform the design services and development of bid documents for the NFWB. A proposal attribute and cost scoring matrix is attached for your review along with a summary of the proposals received.

As stated by GHD within their proposal, we believe performing this project as an amendment to the Project 2 GPS Rehabilitation project will be the most cost-effective approach for the NFWB by enabling the NFWB to take full advantage of the economy of scale that this approach offers.

We recommend awarding the proposal to GHD for \$26,700, as stated in their Detailed Breakdown of Engineering Fees in their proposal for RFP No. 2019-04. We also recommend awarding the Additional Services that were proposed as alternate 1 (FST Outfall 003 Metering Improvement in the amount of \$3,500) and the proposed alternate 2 (GPS Outfall 006 Metering Improvement in the amount of \$7,200) for a total cost not to exceed \$37,400.





Proposal Attribute	EI TEAM		GHD		OBG	
<b>Situation &amp; Regulatory Understanding</b>						
Weighting Factor : 15%						
	4.0		5.0		4.0	
COMMENTS:						
<b>Project Approach &amp; Scope</b>						
Weighting Factor : 10%						
	4.0		5.0		4.0	
COMMENTS:						
<b>Costs</b>						
Weighting Factor : 25%						
	3.0		5.0		4.0	
COMMENTS:						
<b>Management</b>						
Weighting Factor : 15%						
	4.0		4.0		4.0	
COMMENTS:						
<b>Principal Team Members</b>						
Weighting Factor : 10%						
	4.0		5.0		4.0	
COMMENTS:						

<b>M/WBE Requirements</b>						
Weighting Factor : 10%						
		5.0		4.0		5.0
COMMENTS:						
<b>Similar Project Experience</b>						
Weighting Factor : 15%						
		3.0		5.0		4.0
COMMENTS:						
<b>Pros :</b>						
Proposal						
Management						
Effort						
Costs						
<b>Cons :</b>						
Proposal						
Management						
Effort						
Costs						
<b>Proposal Attribute</b>		<b>EI TEAM</b>	<b>GHD</b>	<b>OBG</b>		
Composite Score		3.70	4.75	4.10		



<b>FINAL RANKINGS</b>		<b>SCORES</b>
	- final ranking very high	5.0 - 4.5
	- final ranking high	4.4 - 4.0
	- final ranking medium high	3.9 - 3.5
	- final ranking low high	3.4 - 3.0
	- final ranking medium	2.9 - 2.0
	- final ranking medium low	1.9 - 1.0
	- final ranking low	0.9 - 0

## Cost Comparison Matrix



Effort/Cost/Schedule Element	EI TEAM		GHD		OBG	
	<u>Total Cost</u>	<u>Total Hours</u>	<u>Total Cost</u>	<u>Total Hours</u>	<u>Total Cost</u>	<u>Total Hours</u>
<b>PHASE I - COST SUMMARY</b>						
Task 1 - Design & Develop Bid Documents	\$196,750	1314	\$26,700	143	\$90,882	503
Task 2 - Bidding Assistance	<u>\$13,000</u>	<u>104</u>	<u>Included with project no.2</u>	<u>NA</u>	<u>\$13,015</u>	<u>83</u>
<b>SUBTOTAL</b>	<b>\$209,750</b>	<b>1418</b>	<b>\$26,700</b>	<b>143</b>	<b>\$103,897</b>	<b>586</b>
<b>PHASE II - COST SUMMARY</b>						
Task 3 - Construction Administration	\$86,000	688	Included with project no.2	NA	\$24,610	214
Task 4 - Construction Inspection	<u>\$267,900</u>	<u>2820</u>	<u>Included with project no.2</u>	<u>NA</u>	<u>\$14,333</u>	<u>0</u> * sub
<b>SUBTOTAL</b>	<b>\$353,900</b>	<b>3508</b>	<b>\$0</b>	<b>0</b>	<b>\$38,943</b>	<b>214</b>
<b>TOTALS</b>	<b>\$563,650</b>	<b>4926</b>	<b>\$26,700</b>	<b>143</b>	<b>\$142,840</b>	<b>800</b>
<b>TOTAL COST PER HOUR</b>	<b>\$114</b>		<b>\$187</b>		<b>\$179</b>	

Rank

3

1

2



September 11, 2019

### **Outfall 003 redirection to the Gorge Pump Station Proposal Summaries**

#### El Team:

El Team showed a good Regulatory and Situational understanding based on the Report from AECOM. They understood the goal of the project as well as what led to this alternative being chosen. They deviated with their approach and scope from what is needed for the project which explains the high costs. They didn't appear to have a lot of similar prior work experience, although the personnel and subcontractors listed did appear to have the necessary backgrounds to complete the work. Also, they are capable of 100% MWBE utilization as El Team as well as the subcontractor they'd use are all MWBE firms.

#### GHD:

GHD showed a great Regulatory and Situational understanding based on both the AECOM report and prior experience with the NFWB. They were the lowest bidder which is possible as they'd be able to do much of the work at the Gorge Pumping Station with a minor change order under Project 2 which they were already rewarded. They would be able to meet the MWBE utilization requirement, by using the same subcontractor already being used for Project 2. Their approach showed considerable research and was the only one that pointed out that a formal permit may not be necessary at DSZ and a single permit from NYPA would be enough at the GPS as the work would be included in Project 2.

#### OBG:

Ramboll showed a good Regulatory and Situational understanding based on the report from AECOM. They were able to outline how'd they'd assist with permitting agencies. Their approach was similar to GHD's with an additional scope item added to create an additional access point to the SGI, which was not reflected in the costs. They would require GHD's assistance to get up to date AutoCAD drawings of the GPS showing the improvements from project 2. With their subcontractors they'd be able to get 36% MWBE utilization, and the personnel who would be involved in the project should be more than sufficient.

#### Conclusion:

Based off the submitted proposals GHD would be the best choice. While all the parties have the personnel and understanding to complete the project, GHD stands out with the lowest cost, superior understanding of what involved with the project and the best approach for completing the project.

Clayton Hotchkiss  
Sanitary Engineer



September 6, 2019

Proposal No. 11181777

Douglas S. Williamson, PE  
Director of Technical & Regulatory Services  
Niagara Falls Water Board  
5815 Buffalo Avenue  
Niagara Falls, New York 14304

Dear Mr. Williamson:

**Re: Professional Engineering Services Proposal  
Request for Proposals No. 2019-04  
Redirect Outfall 003 from the Falls Street Tunnel to the Gorge Pump Station**

GHD is pleased to submit this proposal to the Niagara Falls Water Board (NFWB) for professional engineering services in connection with Request for Proposals (RFP) No. 2019-04 as referenced above, and Addenda Nos. 1 and 2, dated July 16, 2019 and August 21, 2019 respectively. As requested, GHD is providing one original, six copies and one electronic copy of our proposal in PDF format.

This project will redirect flow from the Falls Street Tunnel (FST) permitted combined sewer overflow (CSO) Outfall 003 to the Gorge Pump Station (GPS) CSO Outfall 006. The goal is to reduce the aesthetic impact of discharges from Outfall 003, which is located in a highly visible tourist area near the Niagara Falls State Park. Improvements will be made within the FST at Drop Shaft Zero (DSZ) and at the GPS. As you are aware, GHD is currently providing engineering design services for improvements at the GPS (Project 2 GPS Rehabilitation) including replacement of the pumps and other items. GHD also assisted the NFWB in November 2018 with inspection of DSZ to troubleshoot the outfall flow meter. Our project staff have been inside DSZ numerous times over the past 30 years and understand the challenges associated with accessing the shaft, which is located within the inspection plaza of the Rainbow Bridge. GHD also evaluated the hydraulics of this project as part of our CSO Reduction report that was prepared for the NFWB in response to the NYSDEC Consent Order Item 11B.

GHD proposes to perform the project as an amendment to our existing Wastewater Treatment Plant Upgrades: Project 2 Gorge Pumping Station Rehabilitation Agreement with the NFWB dated March 25, 2019. The scope of this project is a natural extension of the GPS project and will need to be coordinated with the work that is planned at the GPS. **Performing this project as an amendment to the Project 2 GPS Rehabilitation project will be the most cost effective approach for the NFWB by enabling the NFWB to take full advantage of the economy of scale that this approach offers.**



## 1. Situation Understanding

The NFWB entered into a NYSDEC Order on Consent (R9-20170906-129) in December 2017, which required an evaluation of relocating Outfall 001 (WWTP) and Outfall 003 (FST) away from the highly visible Niagara Falls tourist area, with the goal of improving the lower Niagara River water quality and reducing the aesthetic impact of the outfalls. Several alternatives were reviewed by AECOM in a report entitled "Relocation of Outfalls 001 and 003 Alternatives Assessment (Consent Order Item 14)" (AECOM Outfall Relocation Report) dated September 2018. In a letter dated May 15, 2019 the NYSDEC approved Alternative 4 to redirect Outfall 003 from the FST to the GPS, along with funding half of the project cost from Phase II of the DASNY grants that were awarded to the NFWB. The outfall at the GPS is less visible to the public and the river is more turbulent, offering a preferred location for CSO discharges than the FST outfall. Project costs for the DSZ relocation were estimated at \$1.7 million by AECOM within their Outfall Relocation Report.

As stated previously, this project will include work within the FST at DSZ and at the GPS. The DSZ work will require a temporary staging area within the Rainbow Bridge border inspection plaza and modification to the FST connection with the South Gorge Interceptor (SGI) tunnel, which is 65 feet below grade. Design and construction will require coordination with the Niagara Falls Bridge Commission (NFBC) and US Customs and Border Protection (CBP) to setup the staging, access, and schedules to perform the work. GHD staff have extensive experience with these agencies to establish the necessary access.

### 1.1 Falls Street Tunnel Drop Shaft Zero Improvements

Down at tunnel level, a concrete bulkhead installed in 1985 will be partially removed at the SGI inlet sufficient to pass the FST flow. A new concrete bulkhead will be installed on the bypass tunnel to the FST Outfall 003 flow metering flume, in order to redirect flow to the SGI. Some existing stop logs and poly within the flume approach area will also be removed. It would be prudent to preserve some amount of relief flow capacity at Outfall 003 to relieve extreme wet weather events such as the July 19, 2013 event. We will evaluate how high to bulkhead Outfall 003 and review this option with the NFWB. The benefit of preserving Outfall 003 relief capacity will need to be reviewed with the NYSDEC.

### 1.2 Gorge Pump Station Improvements

Excessive influent flow to the GPS, which cannot be pumped to the treatment plant, is bypassed to the lower Niagara River at CSO Outfall 006. In order to reach the river, the excess flow must pass over two sets of weirs. The first set of 16 weirs are located along the approach channel preceding the Franklin Miller influent grinders. In 2010, floatables baffles were installed in front of each of the weirs to retain floating material during overflow events. We assume these baffles may need to be removed to pass the additional wet weather flow from the FST; however, this will be evaluated during design. Changing the overflow elevation of the weirs or modifying the weirs is not anticipated at this time, but will also be evaluated during design. The use of new bypass sluice gates within the existing approach channel is also not anticipated.



When the North Gorge Interceptor (NGI) cleaning and repair project was completed in 2011, a greater wet weather flow through the unobstructed tunnel flushed a greater quantity of debris into the grinders. Although this did not last for a long period of time, it caused issues with the grinders, which needed to be repaired. During design, GHD will evaluate the need to temporarily install bar racks upstream of the grinders to prevent a reoccurrence due to greater flows from the SGI.

The second set of two overflow weirs were installed in the north and south overflow channels located outside of the pump station. In August 2018, an inspection of the north weir revealed a build-up of debris in the upstream channel. This debris will need to be removed to restore hydraulic capacity. Removable concrete planks currently provide the only access to the channels. These planks will need to be removed by the contractor to allow removal of the debris—we assume the existing planks will then be set back into place. The need to modify the overflow channel weir structures to increase capacity is not anticipated, but will be evaluated during design.

## 2. Understanding of Regulations and Standards

Discharges from both Outfall 003 and Outfall 006 are governed by CSO regulations and the NFWB's State Pollutant Discharge Elimination System (SPDES) permit. Dry weather discharges are prohibited without specific prior approval from the NYSDEC. Wet weather discharges that conform to permit conditions are allowable. The intent of this NYSDEC-endorsed overflow redirection project is not to reduce net overflow but to move a large portion of it to a more suitable location. Reporting requirements at the GPS Outfall 006 are expected to continue. Reporting requirements at the FST Outfall 003 may endure, but will be a topic of discussion with the NYSDEC.

All work necessary to accomplish the Outfall 003 redirection can be performed within existing sewer conveyances and structures. No work at the receiving waters is expected. The construction of new structures is not expected.

Approval of any impacts to the Rainbow Bridge inspection plaza operations will be required from the NFBC and CBP. A formal permit may or may not be necessary. The DSZ modifications performed in 1985 under Contract 10 were restricted to avoid plaza interference during the summer tourist season. Since that limitation currently applies to NFWB routine maintenance access, it will certainly apply to this project. Other restrictions such as hours of operation, long-term inspection lane closures, work zones, temporary pedestrian access for bus occupant inspections, and nightly shaft cover replacement will have to be negotiated with NFBC and CBP.

Related work at the GPS will be concurrent with other pumping station improvements; a single permit from the New York Power Authority (NYPA) can address all project-related activities.



### 3. Project Approach, Scope and Project Organization

GHD proposes to perform the following tasks associated with the engineering services for each Phase as outlined in the RFP.

#### *Phase I*

- Task 1 – Design and Develop Bid Documents
- Task 2 –Bidding Assistance

#### *Phase II*

- Task 3 – Construction Administration
- Task 4 – Construction Inspection

The following sections provide a description of the proposed scope of work for each Phase with separate pricing for each provided in Section 7.

#### **3.1 Phase I**

GHD will provide the following services under Phase I:

##### *Task 1 – Design and Develop Bid Documents*

As discussed above, GHD proposes to perform the design of this project concurrent with the design of the Project 2 GPS Rehabilitation project. Therefore, this project will be discussed at our regularly scheduled GPS Rehabilitation design progress review meetings. We have also budgeted for one additional design review/kick-off meeting to discuss the Outfall 003 redirection specifically, review the scope of work, and to gather additional pertinent background information. Project deliverables will be incorporated into our overall GPS design deliverables and schedule.

GHD will assist the NFWB with the completion of the SEQR process for this project. It is anticipated that the project will be considered an Unlisted Action and that a coordinated review will be required. GHD will prepare and send out coordination review letters to interested and involved agencies including the full environmental assessment form. GHD will generate board resolutions for the NFWB to consider when making a decision on SEQR. We do not anticipate development of an environmental impact statement.

GHD will prepare contract documents, suitable for public bidding, which detail the improvements indicated under Section 1. We estimate that three (3) additional drawings will be inserted into the Project 2 - Gorge Pump Station Rehabilitation drawing set. Table 3.1 presents our preliminary list of the drawings for this project.





Table 3.1 Preliminary Drawing List

Drawing No.	Drawing Title
G001	Cover Sheet
G002	Overall GPS Site Plan and Section
<b>G003</b>	<b>FST DSZ Site Plan and Details</b>
M001	GPS Pump Room Plan
M002	GPS Sections and Wet Well Plan
M003	GPS Sections and Details
<b>M004</b>	<b>GPS Approach Channel Modifications</b>
M005	GPS Details
H001	GPS Wet Well HV Demo and Proposed Plan
H002	Details and Schedules
S001	Structural Notes and Schedules
S002	GPS Pump Room Structural Reinforcing Section and Detail
S003	GPS Pump Pad and Motor Frame Details
S004	GPS Upper Level Wall Repair Plan and Details
<b>S005</b>	<b>FST DSZ Sections and Details</b>
S006	Details
E001	GPS Pump Room Electrical Plan
E002	GPS Wet Well Power and Lighting Plan
E003	GPS Upper Level Plan
E004	GPS One Line Diagram
E005	Miscellaneous Details
21	Total Drawings ( <b>Bold drawings are associated with this amendment</b> )

As part of the design phase, the project drawings and specifications will be submitted to the NYSDEC for review. GHD will meet with the NYSDEC and go over the project scope if necessary. We will address comments on the documents from the NYSDEC prior to bidding. It is our understanding that development of an engineering report submittal for NYSDEC review and approval is not required. However, a basis of design letter may be needed for NYSDEC review to describe items, such as, preserving overflow capacity at Outfall 003 and verifying overflow capacity at the GPS. Therefore, we have budgeted for preparing a basis of design letter report to the NYSDEC. Our design criteria will be based on the previous reports submitted to the NYSDEC (by AECOM and GHD).

#### **Task 2 – Bidding Assistance**

GHD will provide bidding assistance as outlined in our current Project 2 GPS Rehabilitation agreement.



### 3.2 Phase II

If authorized to proceed with Phase II work, GHD will provide the following services:

#### *Task 3 – Construction Administration*

GHD will provide construction administration services as outlined in our amendment proposal letter dated August 7, 2019 for Project 2 GPS Rehabilitation construction phase services.

#### *Task 4 – Construction Inspection*

GHD will provide construction inspection services as outlined in our amendment proposal letter dated August 7, 2019 for Project 2 GPS Rehabilitation construction phase services.

## 4. Demonstrated Experience on Similar Projects

Since 1987, GHD staff have assisted the NFWB/City of Niagara Falls with its water and wastewater facilities and infrastructure, and we are excited for the opportunity to continue our relationship. In 1989, Bob Lannon and Rick Roll performed hydraulic computations under various flow, weir and orifice plate scenarios to determine the optimal amount and method to divert a portion of flow from the FST at DSZ to the GPS. Other relevant experience completed for the NFWB by GHD and its predecessor firms (Stearns & Wheeler and CRA Infrastructure & Engineering Inc., which merged with GHD in 2009 and 2014, respectively) include:

- Gorge Pump Station (GPS) Rehabilitation (Contract 55 and the current Phase 2 project)
- WWTP Protective Measures (FEMA) Project
- Wastewater Treatment Plant (WWTP) Task Order Services (Schoellkopf Tunnel Investigation, Operations Oversight, Consent Order Compliance, CSO Reduction Report - Consent Order Item 11B)
- WWTP Flood Recovery/Main Pump Replacement
- Combined Sewer Overflow Long Term Control Plan and Constructed Improvements (Contract 60)
- Capacity, Management, Operations, and Maintenance (CMOM) Program

## 5. Experience and Qualifications of Subconsultants/Contractors

GHD is committed to meeting the MWBE and SDVOB goals established by the NFWB, and as funding requirements dictate. Based on the scope for work for this project, GHD will utilize local MBE firm Popli Design Group (Popli) for structural engineering services. Popli is currently providing structural engineering for GHD on the GPS project; therefore, we intend to add to their scope of work for the required structural modifications associated with this FST outfall relocation effort. We will also retain a MWBE to provide construction inspection services as outlined in our August 7, 2019 proposal.



## 6. Specific Experience of Key Project Professionals

### 6.1 Project Team Organization

As shown on Figure 6.1, our proposed project team has been organized to offer the NFWB the most qualified group of individuals to respond to your needs in a timely and cost-efficient manner. Our team consists of seasoned wastewater professionals that bring more than 100 years of combined experience at the NFWB's WWTP and GPS, and the collection system. This team also has many years of experience at other large wastewater treatment plants in Niagara and Erie Counties, and across New York State. Many of the team members are involved with the current GPS Rehabilitation Project 2 design and are very familiar with the site and its operational challenges.

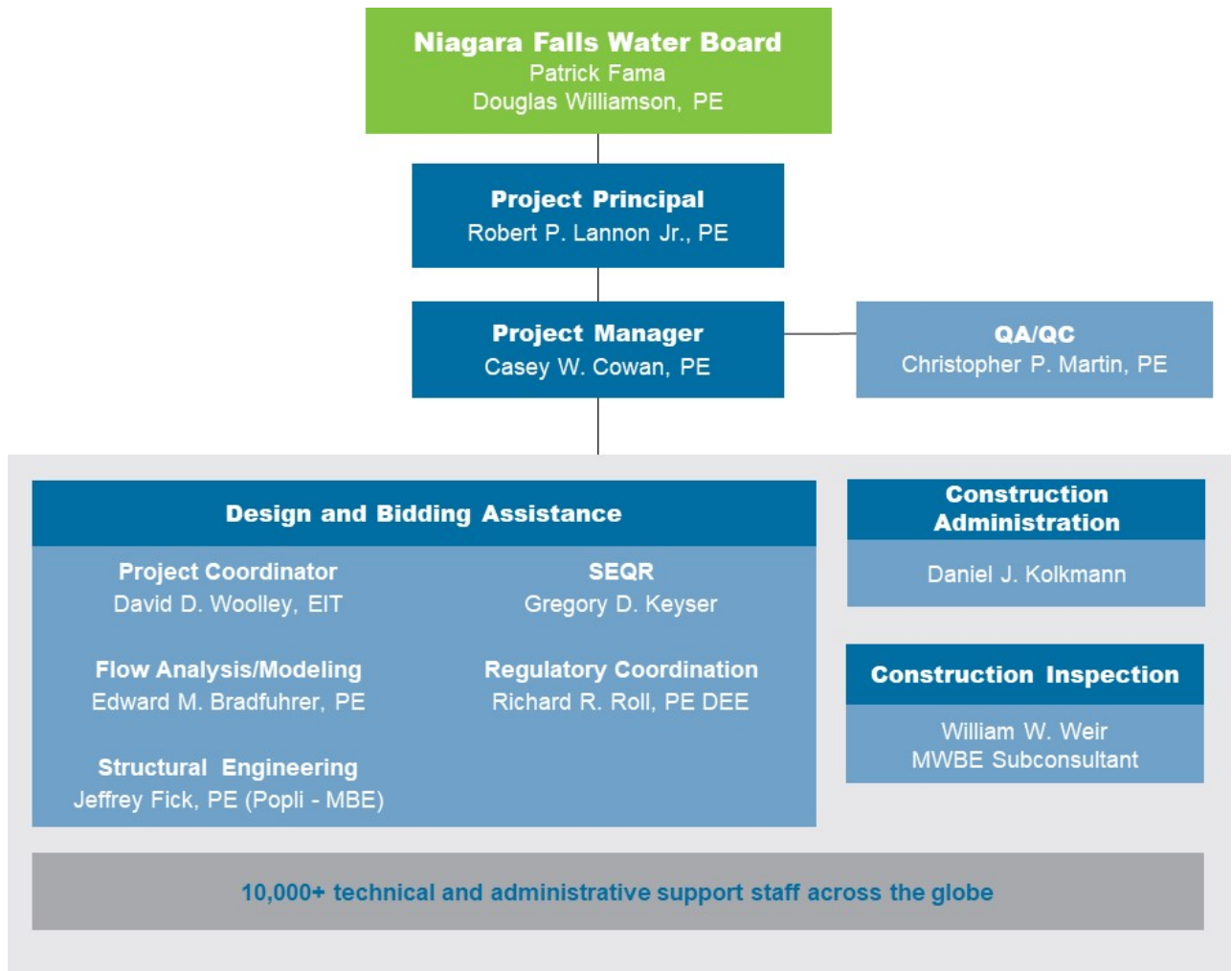


Figure 6.1 Project Organizational Chart



## 7. Schedule, Effort and Budget Breakdown

### 7.1 Schedule

GHD is prepared to commence the work for Phase I immediately upon Notice to Proceed. Figure 7.1 presents our project schedule. We have based our schedule on an award date of September 23, 2019 as stated in the RFP. The Outfall 003 redirection design tasks will be folded into our 60% design submittal for the GPS Rehabilitation project. We anticipate bidding this project along with GPS Rehabilitation work in early 2020, pending timely reviews by the NFWB, NYSDEC, DANSY and other involved agencies.

Surface support for work within the FST will be disruptive for CBP operations at the Rainbow Bridge inspection plaza. It is anticipated that CBP cannot accommodate the construction during the tourist season, generally mid-April to mid-September. For this reason, we expect that the contractor will not be able to mobilize to DSZ before October 1, 2020. However, before work at DSZ can begin, the overflow channel improvements at the GPS must be completed in order to accept the additional wet weather flows from the FST. Work within DSZ should also be performed during the non-tourist (winter) season because the FST dry weather flows are generally lower as result of NYPA diverting additional river water (and groundwater) to the power plant.

### 7.2 Effort and Budget

GHD proposes to complete the Phase I Scope of Services as presented in Section 3 for a not-to-exceed fee of \$26,700 as detailed in Table 7.1 (attached). This table provides a breakdown of the total number of hours that we anticipate each team member will devote to the project. We will provide bidding assistance for no additional fee. GHD will provide construction services under Phase II for no additional fee beyond that which is proposed in GHD's Project 2 GPS Rehabilitation construction phase services amendment proposal dated August 7, 2019.

## 8. Additional Services

We believe this proposal to be responsive to the NFWB's RFP for this project. We are aware; however, of the following two (2) additional issues concerning flow measurement that have been brought to the attention of the NYSDEC.

### 8.1 FST Outfall 003 Metering

Reporting of Outfall 003 overflow volumes is currently a SPDES permit requirement. During the design phase, GHD recommends reviewing an option with the NYSDEC to abandon the FST outfall flow metering flume instrumentation as this flume will have infrequent use and it will no longer be possible to perform dry weather flow calibrations at the flume. It is also noted that inspection and maintenance work at DSZ in November 2018 discovered a leak in the bubbler pneumatic tubing that extends from the instrumentation cabinet to the Parshall Flume in the FST bypass channel. Adjustments have been made to compensate for this at lower flows, but its effectiveness at higher flows has not been verified. The NYSDEC may



encourage the replacement of the bubbler tubing to restore accuracy of the instrument. A very convenient time to accomplish this would be concurrently with the other work inside DSZ. However, this may not be necessary if the greatly reduced overflow frequency and future difficulties with performing a dry weather flume calibration can elicit NYSDEC concurrence that flow measurement is no longer necessary at DSZ. Flow measurement is not required at four other NFWB permitted CSO outfalls.

If mandated by the NYSDEC, GHD proposes to design bubbler tubing replacement and restore accurate Outfall 003 flow metering for an additional design fee of \$3,500 and no additional construction administration fee.

## **8.2 GPS Outfall 006 Metering**

The NFWB is also required to report Outfall 006 overflow volumes as part the SPDES permit. Inaccuracies have been observed with measuring flow in the GPS overflow channels. A recent GPS maintenance shutdown revealed that the overflow channel flow meters are measuring much less flow than the Gorge Force Main flow meter just prior to the shutdown. An August 2018 spot inspection of the north overflow weir also identified deficiencies with the flow meter weir structure that may be contributing to this problem. The south overflow weir could not be observed. With the additional flow being diverted from Outfall 003, it would be prudent to repair these meters as part of this project. The ideal time to address these problems is when the overflow channel access is opened up and the contractor is cleaning debris from the channels during this project. Repairs or replacement of the weirs and bubbler tubing would precede a proper calibration of the existing bubbler and telemetry equipment.

GHD proposes to investigate and design repairs to the two (2) flow meter weirs, design repairs to the bubbler tubing, design new vandal proof access hatches at the weirs (allowing future bubbler maintenance and debris removal access) for an additional design fee of \$7,200 and no additional construction administration fee. This effort would restore accurate overflow metering for Outfall 006 with use of the existing bubbler panel instrumentation and provide new hatches for more accessible access into the overflow bypass channels.

GHD has completed and signed all required forms included in the RFP, which are attached as a part of this proposal.



Thank you for the opportunity to submit this proposal. We look forward to continuing our relationship with the NFWB and assisting you with this important project. If you have any questions or require additional information, please do not hesitate to contact me at 716.856.2142 (office) or via cell at 716.491.1267.

Sincerely,

GHD

A handwritten signature in purple ink that reads "Robert P. Lannon Jr." with a stylized flourish at the end.

Robert P. Lannon Jr., PE  
Vice President

RPL/CWC/las/1

Attachments: Figure 7.1 Proposed Project Schedule  
Table 7.1 Detailed Breakdown of Engineering Fee  
Required Forms:  
Acknowledgement of Addenda  
Certificate of Non-Collusion  
RFP Acknowledgement and Certification  
Statement of Sexual Harassment  
Disclosure Statement

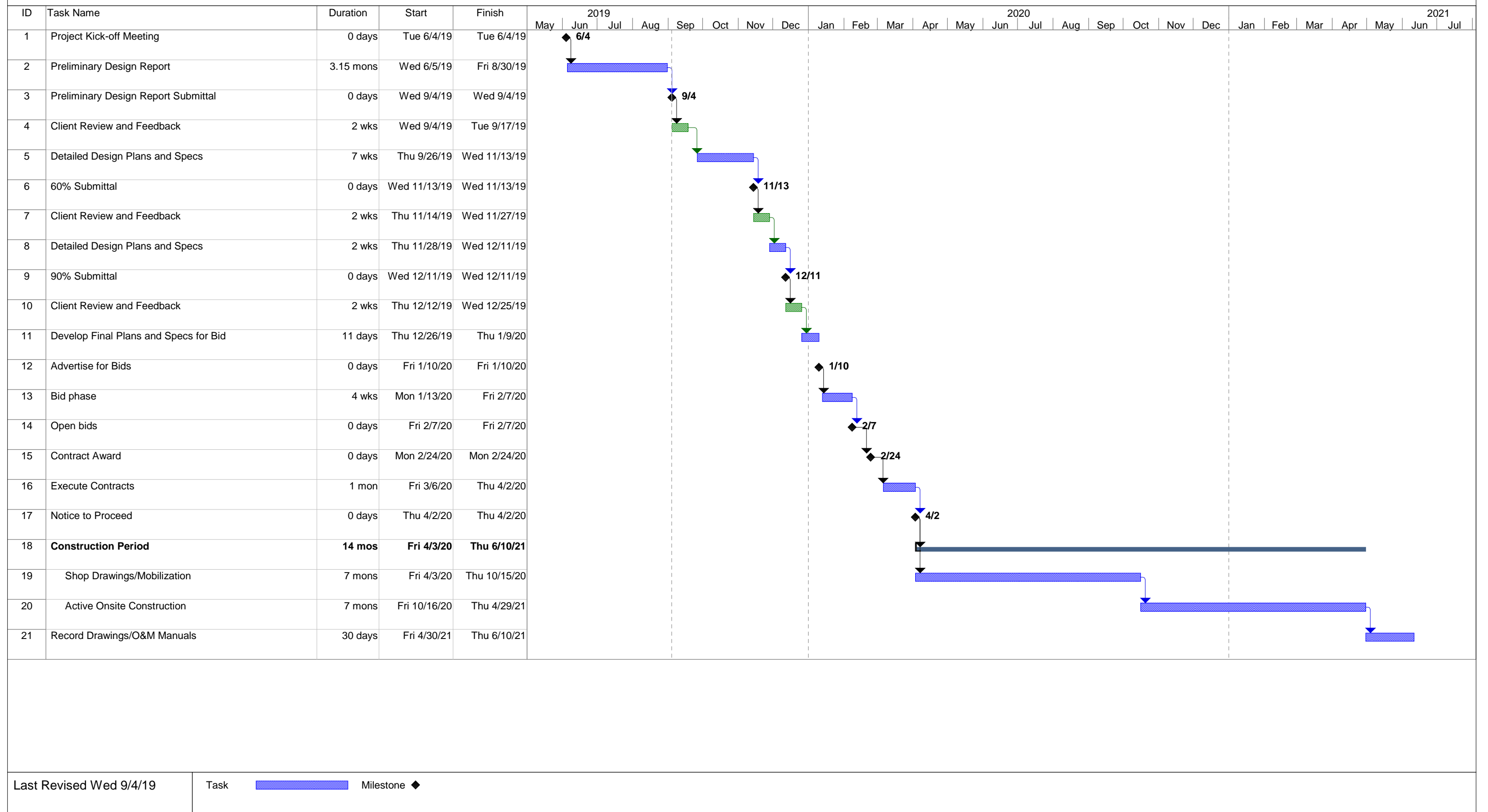
cc: Casey W. Cowan, PE – GHD

## Figures

### Figure 7.1 – Proposed Project Schedule



Niagara Falls Water Board  
Project 2 - Gorge Pumping Station Rehabilitation  
Redirect Outfall 003 from the FST to the GPS  
Figure 7.1 Proposed Project Schedule





Tables  
Table 6.1 Detailed Breakdown  
of Engineering Fee



**Niagara Falls Water Board  
Wastewater Treatment Plant Upgrades  
Project 2 - Gorge Pumping Station Rehabilitation  
Redirect Outfall 003 from FST to the GPS**

**Detailed Breakdown of Engineering Fee**

TASK NO	WORK TASK	ESTIMATED HOURS												COSTS		
		Officer & Peer Review	Project Manager	Senior Engineer	Engineer	Sr. Proj Engineer	Senior Planner	Project Engineer	Staff Engineer	CADD Operator	Construction Manager	Resident Inspector	Clerical	Total Labor	Direct Expenses	Total
1	Design Services and Develop Bid Documents	5	8	8		16	8	16	40	30	4		8	\$19,662	\$7,035	\$26,697
2	Bidding Assistance													\$0	\$0	\$0
3	Construction Administration													\$0	\$0	\$0
4	Construction Inspection													\$0	\$0	\$0
														\$0	\$0	\$0
Subtotal Hours		5	8	8	0	16	8	16	40	30	4	0	8	SUBTOTAL COSTS		
Standard Hourly Billing Rate (2018)		\$250	\$185	\$209	\$150	\$160	\$150	\$140	\$125	\$100	\$175	\$115	\$70	\$19,662	\$7,035	\$26,697
Subtotal Costs		\$1,250	\$1,480	\$1,672	\$0	\$2,560	\$1,200	\$2,240	\$5,000	\$3,000	\$700	\$0	\$560	PERCENT OF TOTAL FEE		
Labor Cost's % of Total Fee		4.68%	5.54%	6.26%	0.00%	9.59%	4.49%	8.39%	18.73%	11.24%	2.62%	0.00%	2.10%	73.65%	26.35%	

TOTAL FEE      \$26,697

ROUND TO      \$26,700

**Detailed Breakdown of Direct Expense Costs**

TASK NO	WORK TASK	ESTIMATED DIRECT EXPENSES												COSTS		
				Repro./ Printing	CADD	Postage/ Shipping	MBE Structural Popli	SDVOB HVAC Patriot	MSI Vibration Testing	MWBE Inspection	Confined Space	Misc.	Field Services/ Mileage	Subtotal	Fee Multiplier	Total
1	Design Services and Develop Bid Documents						\$6,200					\$300	\$200	\$6,700	1.05	\$7,035
2	Bidding Assistance													\$0	1.05	\$0
3	Construction Administration													\$0	1.05	\$0
4	Construction Inspection													\$0	1.05	\$0
														\$0	1.05	\$0
Subtotal Direct Expense Costs		\$0	\$0	\$0	\$0	\$0	\$6,200	\$0	\$0	\$0	\$0	\$300	\$200	\$6,700		\$7,035

TOTAL DIRECT EXPENSES      \$7,035

*NIAGARA FALLS WATER BOARD RESOLUTION # 2019-09-006*

**AUTHORIZING CONTRACTUAL ASSISTANCE – GRADE 4 LICENSE**

**WHEREAS**, the Niagara Falls Water Board is required to contract with an individual or entity who possesses a New York State Department of Environmental Conservation (“NYSDEC”) Grade 4 Wastewater Operator Certification until such time as one of its employees secures a Grade 4 license; and

**WHEREAS**, the Water Board has agreed with NYSDEC to contract for the services of a Grade 4 Certification holder for a minimum of 20 hours per week; and

**WHEREAS**, Kenneth Maving, an employee of GHD, possesses such a Certification, is acceptable to the NYSDEC, and satisfactorily has been performing the duties required of a Grade 4 Certificate holder at a rate of \$140 per hour, which is billed by GHD; and

**WHEREAS**, the Water Board is providing training, tutoring, and other resources in order to facilitate the acquisition of a Grade 4 Certification by one of its employees as soon as possible; and

**WHEREAS**, the next opportunity for a Water Board employee to obtain a Grade 4 Certification is in December 2019, and in the meantime sufficient funds must be appropriated to pay for Mr. Maving’s services, separate and apart from the other professional engineering and consulting projects with which GHD is involved for the Water Board;

\* CONTINUED ON NEXT PAGE \*

**NOW THEREFORE BE IT**

**RESOLVED**, that consistent with GHD's September 9, 2019 proposal, the Executive Director hereby is authorized to expend funds not to exceed \$30,000 for Kenneth Maving to act on a contractual basis as the Water Board's Grade 4 licensee for a minimum of 20 hours per week for 26 weeks, commencing October 28, 2019; and

**IT IS FURTHER RESOLVED**, that Mr. Maving's services shall be terminated when a Water Board employee secures New York State Department of Environmental Conservation Grade 4 Wastewater Operator Certification.

*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 September 23, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member 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



September 9, 2019

Reference No. 11145878

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

**Re: Niagara Falls Water Board Wastewater Treatment Plant  
Licensed Grade 4 Operator Assistance**

Dear Mr. Fama:

GHD Consulting Services Inc. (GHD) is pleased to submit this proposal to the Niagara Falls Water Board (NFWB) for continuing to provide a Licensed Grade 4 Operator at the wastewater treatment plant (WWTP). GHD has been providing this service to the NFWB since the former chief operator retired, leaving the facility without a Grade 4 license, the grade necessary to be in responsible charge of WWTP operations. The NFWB is currently providing training for Bob Dunn to get this Grade 4 operator license. We understand he will be taking the test in December 2019.

In the interim, the NFWB needs to have a properly licensed individual overseeing operations at the WWTP and certify its performance. GHD has been providing Mr. Kenneth Maving, a licensed Grade 4A operator, to serve in this role.

## **1. Scope of Services**

Specific items of work include:

- Reviewing daily operating reports and supporting information prepared by the operations staff
- Attending semi-weekly staff coordination meetings onsite
- Conferring with Timothy Lockhart, who the NFWB has retained for operator tutoring
- Conferring with Dr. John Goeddertz, AECOM, who the NFWB has retained for process control assistance
- Providing shift supervisors and operators with guidance to diagnose and resolve process and system problems
- Assisting with communication and coordination between operations and multiple ongoing construction projects
- Representing the facility with the New York State Department of Environmental Conservation (NYSDEC) during inquiries and inspections



- Compiling operational data and comments for the required monthly operating report, including signing the report prior to submission to the NYSDEC and the Niagara County Health Department

We understand that Douglas Williamson, P.E. currently serves as the chief operator's backup for electronically signing and submitting the monthly discharge monitoring reports (DMR) to the NYSDEC and the United States Environmental Protection Agency (USEPA). We trust that this practice will continue until the first of the shift operation supervisors attains the proper licensing.

## **2. Schedule and Fee**

GHD proposes to furnish the above scope of services by Mr. Kenneth Maving at 20 hours per week, for 10 weeks (commencing October 28, 2019) at a rate of \$140 per hour, plus expenses for a total not-to-exceed fee of \$30,000. This will provide Grade 4 operator assistance through the end of 2019. Invoices will be issued monthly. Direct expenses will be invoiced at cost plus 5 percent. Invoices will be due within 30 days from receipt.

Thank you for the opportunity to submit this proposal. We look forward to continuing our assistance to the Niagara Falls Water Board. If you have any questions, please contact us at your convenience.

Sincerely,

GHD

Robert P. Lannon Jr., PE  
Vice President

RPL/las/2

cc: Sean Costello, Esq. - NFWB  
Rick Henry, PE – CPL  
Casey Cowan, PE – GHD  
Mr. Kenneth F. Maving – GHD  
Filing: Corr

NIAGARA FALLS WATER BOARD RESOLUTION # 2019-09-007

**VMWARE STORAGE SYSTEM HARDWARE UPGRADE**

**WHEREAS**, the Niagara Falls Water Board (“Water Board”) network utilizes a VMWARE data storage system; and

**WHEREAS**, the hardware supporting this VMWARE storage system has reached the end of its service life, and must be upgraded in order to ensure that the system functions reliably and accommodates the Water Board’s future data storage requirements; and

**WHEREAS**, Water Board IT staff have obtained a quote in the amount of \$73,700 for the recommended upgrade from Dell, and this procurement will be from the New York State Office of General Services Group 73600 IT Umbrella Contract No. PM20820;

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board hereby authorizes the procurement of the VMWARE storage system hardware that is the subject of Dell Quote No. 3000046456341.1 for a total cost not to exceed \$73,700.

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

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

On September 23, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member 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



## A quote for your consideration.

Based on your business needs, we put the following quote together to help with your purchase decision. Below is a detailed summary of the quote we've created to help you with your purchase decision.

To proceed with this quote, you may respond to this email, order online through your [Premier page](#), or, if you do not have Premier, use this [Quote to Order](#).

<b>Quote No.</b>	<b>3000046456341.1</b>	Sales Rep	Alice Rolison
<b>Total</b>	<b>\$73,700.00</b>	Phone	(800) 456-3355, 7237484
Customer #	62324376	Email	Allie_Rolison@Dell.com
Quoted On	Sep. 17, 2019	<b>Billing To</b>	ACCOUNTS PAYABLE
Expires by	Sep. 29, 2019		NIAGARA FALLS WATER BOARD
Solution ID	11548908		5815 BUFFALO AVE
Deal ID	18446883		WATER TREATMENT PLANT
			NIAGARA FALLS, NY 14304

### Message from your Sales Rep

Please contact your Dell sales representative if you have any questions or when you're ready to place an order. Thank you for shopping with Dell!

Regards,  
Alice Rolison

### Shipping Group

Shipping To	Shipping Method
RECEIVING DEPT NIAGARA FALLS WATER BOARD 5815 BUFFALO AVE WATER TREATMENT PLANT NIAGARA FALLS, NY 14304-3832 (716) 283-9770	Standard Delivery

Product	Unit Price	Qty	Subtotal
42U Rack	\$1,090.75	1	\$1,090.75
Installation/Assembly of a Netshelter Rack	\$509.25	1	\$509.25
3-2-1 Networking S4112-ON [1]	\$6,000.00	1	\$6,000.00
Alar (PE R6515) - [AMER_R6515_13732]	\$7,250.00	3	\$21,750.00



<b>3-2-1 Networking S4112-ON</b>	<b>\$6,100.00</b>	<b>1</b>	<b>\$6,100.00</b>
<b>Dell EMC SCv3020</b>	<b>\$38,250.00</b>	<b>1</b>	<b>\$38,250.00</b>

---

<b>Subtotal:</b>	<b>\$73,700.00</b>
<b>Shipping:</b>	<b>\$0.00</b>
<b>Non-Taxable Amount:</b>	<b>\$73,700.00</b>
<b>Taxable Amount:</b>	<b>\$0.00</b>
<b>Estimated Tax:</b>	<b>\$0.00</b>

---

<b>Total:</b>	<b>\$73,700.00</b>
---------------	--------------------

Special lease pricing may be available for qualified customers and offers. Please contact your DFS Sales Representative for details.

## Shipping Group Details

<b>Shipping To</b>	<b>Shipping Method</b>
RECEIVING DEPT NIAGARA FALLS WATER BOARD 5815 BUFFALO AVE WATER TREATMENT PLANT NIAGARA FALLS, NY 14304-3832 (716) 283-9770	Standard Delivery

42U Rack	\$1,090.75	Qty 1	Subtotal \$1,090.75
----------	------------	----------	------------------------

Estimated delivery if purchased today:  
Sep. 24, 2019  
Contract # 56AHC  
Customer Agreement # PM20820/1000041162

Description	SKU	Unit Price	Qty	Subtotal
Dell Netshelter SX 42U Rack - 600mm Wide x 1070mm Deep	A7545497	-	1	-
			<b>Qty</b>	<b>Subtotal</b>
<b>Installation/Assembly of a Netshelter Rack</b>		<b>\$509.25</b>	<b>1</b>	<b>\$509.25</b>

**Installation/Assembly of a Netshelter Rack**  
Estimated delivery if purchased today:  
Sep. 23, 2019  
Contract # 56AHC  
Customer Agreement # PM20820/1000041162

Description	SKU	Unit Price	Qty	Subtotal
Installation of a Dell PowerEdge Rack	900-6177	-	1	-
			Qty	Subtotal
<b>3-2-1 Networking S4112-ON [1]</b>		<b>\$6,000.00</b>	<b>1</b>	<b>\$6,000.00</b>

**3-2-1 Networking S4112-ON [1]**  
Estimated delivery if purchased today:  
Sep. 27, 2019  
Contract # 56AHC  
Customer Agreement # PM20820/1000041162

Description	SKU	Unit Price	Qty	Subtotal
Dell EMC Switch S4112T, 12 x 10GBaseT, 3 x 100GbE QSFP28, IO to FAN, 2 x AC PSU, OS10	210-AOYX	-	1	-
OS10 Enterprise, S4112T	634-BQZY	-	1	-
Dell EMC Networking S4112-ON Americas User Guide	343-BBJO	-	1	-
Dell Education Services-Dell Networking Data Center Training-eLearning 1 year	975-1242	-	1	-
US Order	332-1286	-	1	-
Dell Hardware Limited Warranty 1 Year	817-7266	-	1	-
ProSupport:Next Business Day Onsite Service After Problem Diagnosis, 1 Year	817-7279	-	1	-
ProSupport:Next Business Day Onsite Service After Problem Diagnosis, 4 Years Extended	817-7281	-	1	-
ProSupport:7x24 HW/SW Technical Support and Assistance, 5 Years	817-7301	-	1	-
Dell Limited Hardware Warranty Extended Year(s)	975-3461	-	1	-
Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800- 945-3355	989-3439	-	1	-
Info 3rd Party Software Warranty provided by Vendor	997-6306	-	1	-

ProDeploy Plus Dell Networking S Series 4XXX Switch - Deployment	804-2147	-	1	-
ProDeploy Plus Dell Networking S Series 4XXX Switch - Deployment Verification	804-2148	-	1	-
ProDeploy Plus Training Credits 500 Redeem at www.LearnDell.com Expires 1Yr from Order Date	812-4037	-	1	-
Power Cord, 125V, 15A, 10 Feet, NEMA 5-15/C13	450-AAFH	-	2	-
Power Cord, 125V, 15A, 10 Feet, NEMA 5-15/C13	450-AAFH	-	2	-
Dell Networking, Cable, QSFP+ to QSFP+, 40GbE Passive Copper Direct Attach Cable, 0.5 m	470-AAIB	-	1	-
			<b>Qty</b>	<b>Subtotal</b>
<b>Alar (PE R6515) - [AMER_R6515_13732]</b>	<b>\$7,250.00</b>		<b>3</b>	<b>\$21,750.00</b>

Estimated delivery if purchased today:

Oct. 04, 2019

Contract # 56AHC

Customer Agreement # PM20820/1000041162

Description	SKU	Unit Price	Qty	Subtotal
PowerEdge R6515 Server	210-ASVR	-	3	-
3.5 Chassis	379-BDSZ	-	3	-
PowerEdge R6515/R7515 Motherboard, with 2 x 1Gb Onboard LOM (BCM5720)	384-BCJB	-	3	-
No Trusted Platform Module	461-AADZ	-	3	-
3.5" Chassis with up to 4 Hot Plug Hard Drives	321-BERU	-	3	-
PowerEdge R6515 Shipping	340-CMZJ	-	3	-
PowerEdge R6515 x4/x10 shipping material	340-CODP	-	3	-
AMD 7352 2.30GHz,24C/48T,128M,155W,3200	338-BTYX	-	3	-
Heatsink for CPU less than 180W	412-AASF	-	3	-
US Order	332-1286	-	3	-
3200MT/s RDIMMs	370-AEVR	-	3	-
Performance Optimized	370-AAIP	-	3	-
RAID 1	780-BCDN	-	3	-
PERC H740P RAID Controller, 8GB NV Cache, Mini card	405-AAMS	-	3	-
No Operating System	611-BBBF	-	3	-
No Media Required	605-BBFN	-	3	-
iDRAC9,Enterprise x5	385-BBOT	-	3	-
OpenManage Enterprise Advanced	528-BIYY	-	3	-
iDRAC Group Manager, Enabled	379-BCQV	-	3	-
iDRAC,Legacy Password	379-BCSG	-	3	-
Riser Config 2, 2x16 LP PCIe slot	330-BBNN	-	3	-
Broadcom 5720 Dual Port 1 GbE Network LOM Mezz Card	540-BBZD	-	3	-
No Internal Optical Drive for x4 and x8 HDD Chassis	429-ABBF	-	3	-
Standard Fan	384-BCFW	-	3	-
Dual, Hot Plug, Redundant Power Supply (1+1), 550W	450-AGUJ	-	3	-
Standard Bezel for x4 and x8 chassis	350-BBXL	-	3	-
Quick Sync 2 (At-the-box mgmt)	350-BBKQ	-	3	-
Performance BIOS Settings	384-BBBL	-	3	-

ReadyRails Sliding Rails With Cable Management Arm	770-BCKT	-	3	-
No Systems Documentation, No OpenManage DVD Kit	631-AACK	-	3	-
ProSupport Plus: 7x24 HW/SW Technical Support and Assistance 7 Years	827-1446	-	3	-
ProSupport Plus: Next Business Day On-Site Service After Problem Diagnosis 7 Years	827-1458	-	3	-
Dell Hardware Limited Warranty Plus On-Site Service	827-1533	-	3	-
Thank you for choosing Dell ProSupport Plus. For tech support, visit //www.dell.com/contactdell	951-2015	-	3	-
ProDeploy Plus Dell Server R Series 1U/2U - Deployment	804-6750	-	3	-
ProDeploy Plus Dell Server R Series 1U/2U - Deployment Verification	804-6751	-	3	-
ProDeploy Plus Training Credits 300 Redeem at www.LearnDell.com Expires 1Yr from Order Date	812-4005	-	3	-
16GB RDIMM, 3200MT/s, Single Rank	370-AEVQ	-	18	-
480GB SSD SATA Read Intensive 6Gbps 512 2.5in Hot-plug AG Drive,3.5in HYB CARR, 1 DWPD, 876 TBW	400-AXRJ	-	6	-
Broadcom 57416 Dual Port 10GbE BASE-T Adapter, PCIe Low Profile	540-BBVJ	-	3	-
C13 to C14, PDU Style, 12 AMP, 6.5 Feet (2m) Power Cord, North America	492-BBDI	-	6	-
<b>3-2-1 Networking S4112-ON</b>		<b>\$6,100.00</b>	<b>Qty 1</b>	<b>Subtotal \$6,100.00</b>

Estimated delivery if purchased today:

Sep. 27, 2019

Contract # 56AHC

Customer Agreement # PM20820/1000041162

Description	SKU	Unit Price	Qty	Subtotal
Dell EMC Switch S4112T, 12 x 10GBaseT, 3 x 100GbE QSFP28, IO to FAN, 2 x AC PSU, OS10	210-AOYX	-	1	-
OS10 Enterprise, S4112T	634-BQZY	-	1	-
Dell EMC Networking S4112-ON Americas User Guide	343-BBJO	-	1	-
Dell Networking Dual Tray, one Rack Unit, 4-post rack only, S4112	770-BCTF	-	1	-
Dell Education Services-Dell Networking Data Center Training-eLearning 1 year	975-1242	-	1	-
US Order	332-1286	-	1	-
Dell Hardware Limited Warranty 1 Year	817-7266	-	1	-
ProSupport:Next Business Day Onsite Service After Problem Diagnosis, 1 Year	817-7279	-	1	-
ProSupport:Next Business Day Onsite Service After Problem Diagnosis, 4 Years Extended	817-7281	-	1	-
ProSupport:7x24 HW/SW Technical Support and Assistance, 5 Years	817-7301	-	1	-
Dell Limited Hardware Warranty Extended Year(s)	975-3461	-	1	-
Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800- 945-3355	989-3439	-	1	-
Info 3rd Party Software Warranty provided by Vendor	997-6306	-	1	-
ProDeploy Plus Dell Networking S Series 4XXX Switch - Deployment	804-2147	-	1	-
ProDeploy Plus Dell Networking S Series 4XXX Switch - Deployment Verification	804-2148	-	1	-

ProDeploy Plus Training Credits 500 Redeem at www.LearnDell.com Expires 1Yr from Order Date	812-4037	-	1	-
Power Cord, 125V, 15A, 10 Feet, NEMA 5-15/C13	450-AAFH	-	2	-
Power Cord, 125V, 15A, 10 Feet, NEMA 5-15/C13	450-AAFH	-	2	-
Dell Networking Cable, 100GbE QSFP28 to QSFP28, Passive Copper Direct Attach Cable, 0.5 Meter	470-ABOU	-	1	-
<b>Dell EMC SCv3020</b>		<b>\$38,250.00</b>	<b>Qty 1</b>	<b>Subtotal \$38,250.00</b>

Estimated delivery if purchased today:

Oct. 15, 2019

Contract # 56AHC

Customer Agreement # PM20820/1000041162

Description	SKU	Unit Price	Qty	Subtotal
SCv3020 3Ux30 Drive Storage Array	210-ALVZ	-	1	-
SCv30X0 Dual Controller Components	449-BBLE	-	1	-
No Mezzanine Card	403-BBPD	-	1	-
No Mezzanine Card	403-BBPD	-	1	-
IO, 10Gb iSCSI, 4 port, PCI-E, Base-T, Full Height	406-BBLY	-	1	-
IO, 10Gb iSCSI, 4 port, PCI-E, Base-T, Full Height	406-BBLY	-	1	-
SHIP,SCV3020,DAO	340-BSDI	-	1	-
Dell SC Storage Reg Label	389-BJUC	-	1	-
Storage Center Core Software Bundle, Base License	634-BJUI	-	1	-
SSN License	634-BKCL	-	1	-
Storage Protection Bundle, Software License (Includes: RIRA, Live Volume, Replay Manager)	634-BKCN	-	1	-
Redundant Power Supply, 1378W, C20	450-AGJN	-	1	-
Rack rail, 2Us, Static	770-BBUJ	-	1	-
SC Bezel	350-BBKJ	-	1	-
Dell Hardware Limited Warranty	814-3780	-	1	-
ProSupport Plus: Next Business Day Onsite Service After Problem Diagnosis,3 Years	814-3836	-	1	-
ProSupport Plus: Next Business Day Onsite Service After Problem Diagnosis,4 Years Extended	814-3850	-	1	-
ProSupport Plus: 7x24 HW/SW Technical Support and Assistance,7 Years	814-3851	-	1	-
Thank you for choosing Dell ProSupport Plus. For tech support, visit //www.dell.com/contactdell	951-2015	-	1	-
Dell Limited Hardware Warranty Extended Year(s)	975-3461	-	1	-
ProDeploy Plus Dell Storage SC Series vXXXX SAN up to 8 hosts - Deployment	805-2828	-	1	-
ProDeploy Plus Dell Storage SC Series vXXXX SAN - Deployment Verification	805-2831	-	1	-
ProDeploy Plus Training Credits 900 Redeem at www.LearnDell.com Expires 1Yr from Order Date	812-4027	-	1	-
ProSupport for Software: 7X24 Storage Protection Bundle, 7 Years	815-3902	-	1	-
US Order	332-1286	-	1	-
SC, 1.8TB, SAS, 12Gb, 10K, 2.5", HDD	400-AVKT	-	30	-

Subtotal:	\$73,700.00
Shipping:	\$0.00
Estimated Tax:	\$0.00
<hr/>	
Total:	\$73,700.00

## Important Notes

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### Terms of Sale

Unless you have a separate written agreement that specifically applies to this order, your order will be subject to and governed by the following agreements, each of which are incorporated herein by reference and available in hardcopy from Dell at your request: [Dell's Terms of Sale](#), which include a binding consumer arbitration provision and incorporate Dell's U.S. [Return Policy](#) and Warranty (for [Consumer warranties](#); for [Commercial warranties](#)).

If this purchase includes software: in addition to the foregoing applicable terms, your use of the software is subject to the license terms accompanying the software, and in the absence of such terms, then use of the Dell-branded application software is subject to the Dell End User License Agreement - [Type A](#) and use of the Dell-branded system software is subject to the Dell End User License Agreement - [Type S](#).

If your purchase is for Mozy, in addition to the foregoing applicable terms, your use of the Mozy service is subject to the terms and conditions located at <https://mozy.com/about/legal/terms>.

If your purchase is for Boomi services or support, your use of the Boomi Services (and related professional service) is subject to the terms and conditions located at <https://boomib.com/msa>.

If your purchase is for Secureworks services or support, your use of the Secureworks services (and related professional service) is subject to the terms and conditions located at <https://www.secureworks.com/eula/eula-us>.

If this purchase is for (a) a storage product identified in the DELL EMC Satisfaction Guarantee Terms and Conditions located at (["Satisfaction Guarantee"](#)) and (ii) three (3) years of a ProSupport Service for such storage product, in addition to the foregoing applicable terms, such storage product is subject to the Satisfaction Guarantee.

You acknowledge having read and agree to be bound by the foregoing applicable terms in their entirety. Any terms and conditions set forth in your purchase order or any other correspondence that are in addition to, inconsistent or in conflict with, the foregoing applicable online terms will be of no force or effect unless specifically agreed to in a writing signed by Dell that expressly references such terms.

### Pricing, Taxes, and Additional Information

All product, pricing, and other information is valid for U.S. customers and U.S. addresses only, and is based on the latest information available and may be subject to change. Dell reserves the right to cancel quotes and orders arising from pricing or other errors. Please indicate any tax-exempt status on your PO, and fax your exemption certificate, including your Customer Number, to the Dell Tax Department at 800-433-9023. Please ensure that your tax-exemption certificate reflects the correct Dell entity name: **Dell Marketing L.P.**

Note: All tax quoted above is an estimate; final taxes will be listed on the invoice.

If you have any questions regarding tax please send an e-mail to [Tax\\_Department@dell.com](mailto:Tax_Department@dell.com).

For certain products shipped to end-users in California, a State Environmental Fee will be applied to your invoice. Dell encourages customers to dispose of electronic equipment properly.

**DESIGNATING INSURANCE BROKER FOR WORKERS COMPENSATION,  
PROPERTY, AND LIABILITY INSURANCE**

**WHEREAS**, the Niagara Falls Water Board (“Water Board”) issued a Request for Proposals (“RFP”) for an insurance broker for its workers compensation, liability, and property insurance coverages; and

**WHEREAS**, the Water Board’s primary objectives for this RFP are to select a broker that will evaluate the Water Board’s insurance needs in order to provide appropriate coverage and to assist the Water Board in reducing its expenses; and

**WHEREAS**, the Water Board received proposals from five insurance brokerage firms, and each proposing brokerage was invited to give a brief presentation before the Water Board; and

**WHEREAS**, the Water Board now desires to designate one of the proposing firms as its broker of records for its workers compensation, liability, and property insurance coverages;

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board hereby designates USI as its broker of record for workers compensation, liability, and property insurance coverages.

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

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

On September 23, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

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

Signed By:

Vote Witnessed By:

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Daniel T. O’Callaghan, Chairperson

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Sean W. Costello, Secretary to the Board



NIAGARA FALLS WATER BOARD RESOLUTION # 2019-09-009

**REPLACEMENT OF SHUNT TRIP UNITS IN 115kV CIRCUIT SWITCHER  
AT WASTEWATER TREATMENT PLANT SUBSTATION**

**WHEREAS**, as a result of a lightning strike on April 14, 2019 at the Niagara Falls Water Board (“Water Board”) Wastewater Treatment Plant (“WWTP”), certain electrical equipment was damaged and rendered non-functional; and

**WHEREAS**, Ferguson Electric Service Co., Inc., has identified a resulting need to replace the shunt trip units in the 115kV circuit switcher on Bank No. 2 of the WWTP substation; and

**WHEREAS**, Ferguson Electric, pursuant to a pre-bid indefinite quantity/indefinite delivery contract, has presented a quote dated September 10, 2019 to furnish the material and labor required to replace the shunt trip units; and

**WHEREAS**, some or all of this expense may be covered by the Water Board’s property insurance policy;

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board be and is hereby authorized to pay to Ferguson Electric, Inc., up to \$43,312 to replace the shunt trip units in the 115kV circuit switcher on Bank No. 2 of the WWTP substation.

*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 September 23, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

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

Signed By:

Vote Witnessed By:

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Daniel T. O’Callaghan, Chairperson

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Sean W. Costello, Secretary to the Board

September 10, 2019

**Service Division**

Your exclusive TEGG® Service provider

- o Electrical preventive maintenance programs
- o 24-hour emergency service
- o Troubleshooting and repair

Niagara Falls Water Board  
Municipal Water Plant  
5815 Buffalo Avenue  
Niagara Falls, NY 14304

Attention: Mr. Eric Smith

Re: Bank #2 115kV Circuit Switcher;  
FES#PL20380

Dear Eric,

We are pleased to submit this proposal for the replacement of the shunt trip units in the 115kV circuit switcher.

We will:

- De-energize, lock-out, and secure the unit for safe work area.
- Disassemble and remove the defective shunt trip coils.
- Furnish and install new trip coils.
- Perform functional testing of unit.

Our price for the above is **FORTY-THREE THOUSAND THREE HUNDRED TWELVE DOLLARS (\$43,312.00)**. Our price is subject to all applicable sales tax unless otherwise directed by your order to proceed. Our price is based on performing the work during straight-time hours, 7:00 a.m. – 3:30 p.m., Monday through Friday, excluding Sundays or holidays.

Notes:

- We will perform all work strictly according to Article 70E of the NFPA dealing with the Arc Flash Protection.

We appreciate the opportunity to work with the **Niagara Falls Water Board**.

We await your written authorization of acceptance so that we may begin work on this project in a timely, satisfactory manner.



If there are questions, please do not hesitate to contact me.

Respectfully Submitted,

**FERGUSON ELECTRIC SERVICE CO., INC.**

A handwritten signature in black ink, appearing to read "D. Schultz", is written over a horizontal line.

Daniel R. Schultz  
Electrical Services Manager

NIAGARA FALLS WATER BOARD RESOLUTION # 2019-09-010

**RELINING OF WOOD STAVE BULK CHEMICAL STORAGE TANKS AT WTP**

**WHEREAS**, the liners on two wood-stave bulk chemical storage tanks at the Niagara Falls Water Board Water Treatment Plant (“WTP”) deteriorated and required replacement; and

**WHEREAS**, in 2018, Mollenberg-Betz, Inc., pursuant to the previously awarded in-plant mechanical maintenance contract, offered to perform the required liner replacement work for a cost not to exceed \$12,700 per tank, and the Executive Director at that time authorized replacement of the liner of one tank in 2018 and one tank in 2019; and

**WHEREAS**, because of scheduling issues, the work on both tanks ultimately was performed in 2019, with both tank liner replacements invoiced on one invoice and at a total cost of \$21,097.90;

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board hereby authorizes payment to Mollenberg-Betz, Inc., of \$21,097.90 for services rendered in connection with replacing the liners in two wood-stave bulk chemical storage tanks at the Water Treatment Plant.

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

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

On September 23, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

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

Signed By:

Vote Witnessed By:

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Daniel T. O’Callaghan, Chairperson

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Sean W. Costello, Secretary to the Board



# MOLLENBERG-BETZ INC

JOE HIGGINS  
SERVICE PROJECT MANAGER  
300 SCOTT STREET  
BUFFALO, NY 14204  
jhiggins@mollenbergbetz.com

P: (716) 614-7450 x 212  
F: (716) 614-7467  
www.mollenbergbetz.com



To:	Niagara Falls Water Board	Fax:	
Attn:	Joe Argona	Date:	May 8, 2018
From:	Joe Higgins	Pages:	1
Re:	Tank Liner Budget	Quote #:	HJ2018-058

☐ Urgent
 ☒ For Review
 ☐ Please Comment
 ☐ Please Reply
 ☐ Please Recycle

Dear Joe:

Mollenberg-Betz, Inc. is pleased to submit the following proposal for the above referenced project per the Scope of Work, Pricing, and the following Notes and Exceptions. This work shall be completed on a time and material basis and invoiced as per the In-Plant Mechanical Maintenance contract. This is for budget purposes. The scope of our proposal is detailed below:

## Scope of Work

- ▶ Employ the services of Kentain to supervise and assist with liner installation.
- ▶ Install liners provided by NFWB.
- ▶ Provide all necessary PPE to safely enter tanks.
- ▶ Tanks shall be cleaned by NFWB prior to arrival of Mollenberg-Betz.
- ▶ Niagara Falls Water Board shall provide attendant as needed.
- ▶ Each tank should take 3-4 days per the manufacturer.
- ▶ This proposal is budgetary and the Water Board will only be invoiced for hours work and materials used per the contract.
- ▶ We assume that respirators will not be required for Mollenberg-Betz personnel.\*

## Budget Pricing Per Tank

Labor .....	\$6,680.00
Manufacturer assistance .....	\$5,520.00
Material .....	\$500.00
Total .....	\$12,700.00

## Notes and Exceptions

1. **Sales or use taxes are not included in our pricing.** If applicable they will be added to the quoted price. If the project is treated as a capital improvement, the quoted price will increase by the cost of the use tax incurred by Mollenberg-Betz. This price is firm for 30-days.
2. This quote is for scope as described. Any additional parts or materials which may be required beyond this scope would be billed extra. We would discuss any additions with you before proceeding.
3. Washington DC is proposing tariffs on certain imported products and particularly on steel and steel pipe. As such, we are struggling to obtain firm pricing for these products. Price(s) included in this proposal shall remain in effect for five (5) days from the date of this proposal. Thereafter, Mollenberg-Betz may in good faith adjust such prices to reflect increases in the costs or availabilities of such price components. Any surcharges from our suppliers at the time of shipping will be added to the costs of this proposal.
4. \*If Mollenberg-Betz personnel are required to wear respirators per union contract the mechanics receive 10% hazard pay per union contract only for time working while wearing the respirators. We have not included this in our pricing and are hoping to avoid the use of respirators on this project.



# MOLLENBERG-BETZ INC

## MECHANICAL CONTRACTORS

Remit To: Mollenberg Betz  
300 Scott Street  
Buffalo, NY 14204

Phone: 716.614.7473  
Fax: 716.614.7465

**Invoice** 27358  
Invoice Date 09/18/19  
Due Date 10/18/19

Bill To: NIAGARA FALLS WATER BOARD  
5815 BUFFALO AVE  
NIAGARA FALLS, NY 14304

Work Description: RELIGN WOOD STAVE TANKS AT WATER PLANT

Work Order: 12118

Service Location: NIAGARA FALLS WATER BOARD  
5815 BUFFALO AVE  
NIAGARA FALLS, NY 14304

Line #	Description	P.O. Number	Quantity	UM	Unit Price	Price UM	Price Total	Tax Amount	Total
<b>Cost Type: SERVICE LABOR</b>									
33	SERVICE LABOR		100.50	HR	92.80	HR	9,326.40	0.00	9,326.40
<b>SERVICE LABOR Subtotal</b>							9,326.40	0.00	9,326.40
<b>Cost Type: MATERIAL</b>									
2	55 GALLON DRUMS	W19-34041	10.00	EA	70.15	EA	701.50	0.00	701.50
3	WEDGE CONCRETE ANCHOF	W19-34042	1.00	EA	176.58	EA	176.58	0.00	176.58
4	XTEND CLIMB PRO SERIES LADDER	W19-34040	1.00	EA	310.50	EA	310.50	0.00	310.50
<b>MATERIAL Subtotal</b>							1,188.58	0.00	1,188.58
<b>Cost Type: SUBCONTRACTS</b>									
20	PROVIDE FACTORY ASSISTANCE OF INSTALLATION OF TANK		1.00		10,368.00		10,368.00	0.00	10,368.00
<b>SUBCONTRACTS Subtotal</b>							10,368.00	0.00	10,368.00
<b>Cost Type: EXPENSES</b>									
9	EXPENSE		1.00		14.92		14.92	0.00	14.92
<b>EXPENSES Subtotal</b>							14.92	0.00	14.92
<b>Cost Type: TRUCK</b>									
34	MB TRUCK AND DRIVER		5.00		40.00		200.00	0.00	200.00
<b>TRUCK Subtotal</b>							200.00	0.00	200.00
<b>Subtotal</b>							21,097.90	0.00	21,097.90

<b>Subtotal</b>	21,097.90
<b>Tax</b>	0.00
<b>Total</b>	21,097.90

*NIAGARA FALLS WATER BOARD RESOLUTION # 2019-09-011*

**AUTHORIZING PROCUREMENT OF GEOTAB FLEET TELEMATICS SERVICES**

**WHEREAS**, the Niagara Falls Water Board (“Water Board”) utilizes networked fleet services to monitor the status of its vehicles; and

**WHEREAS**, the Water Board has experienced equipment, reliability, and service issues with its current provider of networked fleet services; and

**WHEREAS**, Enterprise Fleet Management offers Geotab fleet telematics services, and the Water Board can procure these services by “piggybacking” on another government entity’s competitively bid contract pursuant to General Municipal Law § 103(16); and

**WHEREAS**, Water Board staff have received a demonstration of the Geotab system and find it satisfactory; and

**WHEREAS**, the Water Board currently leases certain vehicles through Enterprise Fleet Management and has found that company to be responsive to service requests;

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board hereby authorizes the Superintendent to discontinue the current networked fleet services and to procure Geotab fleet telematics services from Enterprise Fleet Management, provided that the annual cost of such services shall not exceed \$25,000 and no agreement for such services shall be entered into without prior review and approval by General Counsel.

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

Superintendent

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

Not applicable

On September 23, 2019, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

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

Signed By:

Vote Witnessed By:

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Daniel T. O’Callaghan, Chairperson

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Sean W. Costello, Secretary to the Board





Payment Terms (select one)	
New Account / Requesting Terms	
Credit Application Attached	
Existing Account / Net	
Terms P.O. / Cost Center	
Credit Card (fees apply)	

Sales Tax (select one)	
	I understand that applicable county/city/state sales tax for these products and services will be added to the final invoice(s)
	This company is tax exempt and I have attached our valid tax exemption or tax resale certificate to this order

Billing Information						
Company Name						
Attention To						
Email Address						
Address						
City		State		Zip		
Shipping Information						
Company Name						
Attention To						
Address						
City		State		Zip		
Shipping Method						
*These are our standard shipping options. The shipping fee is per location, not per device.						

Acceptance of Products, Pricing, and Terms and Conditions
<p>For complete <a href="#">Terms and Conditions</a>, please click <a href="#">here</a>.</p> <p><b>No returns or cancellations.</b></p> <p><b>Shipping:</b> 3-5 business days from ship date (\$35 per package or location). Expedited Shipping (\$100 per package or location).</p> <p><b>Activation:</b> Where applicable, Purchaser is responsible for the activation of equipment with a network carrier and payment of required monthly fees.</p> <p><b>Software:</b> Purchaser does not own software installed on any device. Software is licensed pursuant to manufacturer's terms.</p> <p><b>Monthly Recurring Charges:</b> Purchaser agrees to the payment of monthly service fees for the minimum term specified above (if any).</p> <p><b>Use of Geotab Equipment:</b> Equipment is a GPS management solution intended for the monitoring and/or tracking of powered and non-powered assets. Equipment may NOT be used in safety-critical or military applications.</p> <p><b>Billing:</b> Geotab will prepare, process and submit on behalf of Enterprise Fleet Management all invoices for equipment and monthly service fees outlined above.</p> <p>I certify that I have the authority to execute this order on behalf of my company. By affixing my signature below, I express my acceptance of my products and pricing contained herein, agree to be bound by Geotab USA, Inc. Terms and Conditions, and understand there are no returns. I understand that my electronic signature carries the same legal weight as a traditional wet-ink signature, and that by affixing my electronic signature hereto, this document is considered to be legally binding.</p>

**Authorized Signature** \_\_\_\_\_ **Date** \_\_\_\_\_