

**CLIFTON PARK WATER AUTHORITY
BOARD MEETING**

**Wednesday, November 10, 2021
7:00 PM**

AGENDA

Privilege of the Floor

Old Business

- Project to Increase Capacity from SCWA
- Verizon Request for Installation of Telecommunications Tower at Boyack WTP
- DISH Network Request for Installation of Telecommunications Equipment on Knolltop Water Storage Tank
- Engineering RFQ
- Lawn Irrigation System Rules and Regulations
- CPWA General Terms and Conditions of Service

New Business

- Resolution on Adequacy of Rates

Other Business

- Approve Minutes of October 13, 2021 Meeting

Clifton Park Water Authority

Resolution # _____, 2021

Amending Resolution # 17, 2020

Authorize Change Orders for SCWA Interconnect Upgrade

WHEREAS, the Clifton Park Water Authority (CPWA) has awarded a construction contract for the construction of a pump station at its connection with the Saratoga County Water Authority, and

WHEREAS, additional control equipment, programming and electrical wiring not identified on the construction plans has resulted in the need for two Change Orders to the original contract, and

WHEREAS, this contract was awarded by Resolution #17, 2020 at a meeting of the CPWA Board of Directors, and

WHEREAS, the CPWA Board of Directors wishes to approve the Change Order and amend the resolution to include an additional \$14,220.10 expenditure for the SCWA Interconnect Upgrade, now therefore be it

RESOLVED, that the Clifton Park Water Authority hereby approves the Change Orders as attached and amends Resolution #17, 2020 to include an additional \$14,220.10 expense for control equipment, programming and electrical wiring, and increase the Capital Budget item for this project accordingly.

Motion By: _____

Seconded By: _____

Roll Call Vote:

	<u>Ayes</u>	<u>Noes</u>
Mr. Gerstenberger	_____	_____
Mr. Ryan	_____	_____
Mr. Taubkin	_____	_____
Mr. Butler	_____	_____
Ms. Osborne	_____	_____

Wm. J Keller & Sons Construction Corp.

Main Office | 1435 Route 9 | Castleton, NY 12033 | (518) 732-7782

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"We Move the Earth"

CPWA Interconnect with SCWA - ADD

Date: 10/29/2021

Attn: Chad Kortz, P.E.
C.T. MALE ASSOCIATES
50 Century Hill Drive
Latham, NY 12110
Tel 518.786.7400

Dear Mr. Kortz:

Below is additional cost for EFI to modify their panel and program to accommodate for additional logic required. This information was not provided at bid time and requires a change order.

Work Summary:

1. See EFI's attached list of changes

Total ADD Amount: \$ 14,151.00 + 5% Keller OH&P = 14,858.55

If EFI is within 250 mile radius of station and we can plan the revised start-up around that same time frame you can deduct \$ 3,728

Wm. J. Keller & Sons Construction Corp.

C.T. MALE ASSOCIATES

WM J KELLER & SONS
CONSTRUCTION CORP 1435 RTE 9
CASTLETON, NY 12033

CHANGE REQUEST AFFECTS: CONTRACT PRICE

PROPOSED CHANGES:

ROSS VALVES MANUAL CONTROLS

EFI offers the following changes to the original design on EFI's Project No. 93862:

- EFI/ESM field service tech to install manual controls for the Ross control valve. This includes installing switches and relays in EFI control panel and connecting to the DI (digital input) & DO (digital output) PLC cards as shown on EFI's revised electrical drawings.
 - EFI/ESM to terminate wires for the valve position transmitter from ross valve to the AI (analog input) card on the PLC as shown on EFI's revised electrical drawings.
 - EFI/ESM to terminate wires for the Limatorque actuator on the butterfly valve to do PLC card with relays, and position feedback to the AI PLC card as seen on EFI revised electrical drawings.
- NOTE: No manual controls will be added for the Limatorque actuator on the butterfly valve upstairs. That valve already has manual control on the valve, and we don't want two sets of manual controls for this valve.
- EFI/ESM to terminate wires for the 1" and 12" flow meters connected to the AI PLC card as seen on EFI revised electrical drawings.
 - EFI/ESM to terminate wires for the float switch from the basement to the DI PLC card as seen on EFI revised electrical drawings.
 - EFI will supply additional DI/DO/AI cards to accommodate above and have spare I/O as well.
 - EFI/ESM shall provide programming t support new station components as detailed in EFI's revised electrical drawing. Changes include adding upstream and downstream solenoid valve control, valve in auto indication flood alarm, flow meter and valve position feedback.

Please Note: All proposed work is located in the panels. Any conduit or wire that may need to be provided, installed or pulled will be provided by others.

NET CHANGE LESS TAXES:

ADD

\$14,151.00

PLEASE NOTE: There may currently be other outstanding Change Order Requests, that if approved, could affect Final Contract Price.

Requested:
EFI-Solutions

By: 
LISA PONTIOUS

Date: 10/06/21

cc: Craig Moore

Accepted:

WM J KELLER & SONS CONSTRUCTION CORP

By: _____
Purchaser (Authorized Signature)

Date: _____

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“We Move the Earth”

CPWA Interconnect with SCWA - ADD

Date: 10/4/2021

Attn: Chad Kortz, P.E.
C.T. MALE ASSOCIATES
50 Century Hill Drive
Latham, NY 12110
Tel 518.786.7400

Dear Mr. Kortz:

Below is additional cost for the Potentiometric Sensor on the Ross Valve. The contract drawings and spec didn't not require this sensor.

Work Summary:

1. Provide and install Potentiometric Sensor on the Ross Valve and run wire to SCADA.
2. Run new conduit and 4-20 from ross valve to control panel

Materials: \$ 1,317.00 + 15% Keller OH&P = \$ 1,514.55

Subcontractor: \$ 1,500.00 + 5% OH&P = \$ 1,575.00

Total ADD Amount: \$ 3,089.55

Wm. J. Keller & Sons Construction Corp.

C.T. MALE ASSOCIATES



Page:	1/1
Quote	QT01032587
Date	9/21/2021
Master No.	81,219
Terms	0%/NET30
Quoted By	WILLIAM H

www.rossvalve.com

Ross Valve Manufacturing Co., Inc.

79 102nd Street
Troy, NY 12180-1125
Phone: (518) 274-0961

Attn: Chris Hayes
Fax:

Bill To: 2591
Keller, Wm J. & Sons, Construction Corp.
1435 Route 9

Job:

Phone: Castleton NY 12033
United States of America
(518) 732-7782 Ext. 0000
Fax: (518) 732-4574 Ext. 0000

Quantity	Item Number	Description	Unit Price	Ext. Price
1	700-000-019-HX-P420-ASY	HX-P420 Potentiometer's Base and Connection Collar Kit	\$ 357.00	\$ 357.00
1.00	700-000-019-150	Slide Wire Potentiometric Sensor, 4-20mA Output, spring return s	\$ 960.00	\$ 960.00
1.00	TERMS AND CONDITIONS		\$ 0.00	\$ 0.00
- Price listed is your NET COST EX-Works Factory at Troy, NY where Freight is prepaid + added to the invoice - Shipment is via UPS/LTL Truck Ground Service unless otherwise requested - All LTL trucks shipments via an enclosed trailer with the consignee responsible to unload goods from the nose of a 53 foot trailer. - Tailgate deliveries, flatbed deliveries and 24 hr prior notification is not included - Shipment is from Stock unless otherwise stated				

F.O.B. Troy, NY. Thank you for supporting US Manufacturing.
Offer valid for 60 days, unless otherwise stated.
RETAINERS NOT ALLOWED.
We accept Visa, Mastercard, Discover & American Express.
** ISO 9001 CERTIFIED **

Pricing in U.S. Dollars

Subtotal	\$ 1,317.00
Misc	\$ 0.00
Tax	\$ 0.00
Approx. Freight	\$ 0.00
Trade Discount	\$ 0.00
Total	\$ 1,317.00



ROSSVALVE

"THE MOST TRUSTED NAME IN THE ENGINEERED CONTROL VALVES INDUSTRY"



CHANGE ORDER PROPOSAL 3

October 1, 2021

Attn: Jameson Phillips

W. J. Keller

Re: Add Scope 9/29/21 Clifton Park Interconnect

Stilsing Electric Inc. is pleased to provide you with the following proposal for electrical work on the above referenced project for the lump sum price of **\$1,500.00**. The scope of work for this job is detailed below.

SCOPE OF WORK:

- Add additional conduit & wiring for Ross valve.
- All work will be done during the normal working hours of 7AM to 3:30 PM Monday thru Friday unless otherwise noted.

All equipment is excluded.

No additional work will be performed without formal approval.

Upon approval, please sign & return: _____ date _____

If you should have any questions, please feel free to contact me at
(518) 463-4451 Ext 107.
Thanks,

Clifton Park Water Authority

Resolution # _____, 2021

Amending Lawn Irrigation System Rules and Regulations

WHEREAS, the Clifton Park Water Authority (CPWA) passed Resolution #22, 2021, adopting rules and regulations for the installation of underground lawn irrigation systems, and

WHEREAS, the Clifton Park Water Authority wishes to amend these rules and regulations as follows:

Replace Residential System Installation, Section (9) with:

Installation of any part of the proposed irrigation system within the public right-of-way of any road, or within any easement is allowed but discouraged. Should any part of the proposed irrigation system be installed within the public right-of-way or within any easement, the homeowner assumes any and all responsibility for future repairs to the system that may become necessary as a result of excavation of utilities and/or roadways by anyone duly authorized to do so, including the Clifton Park Water Authority.

Now, therefore be it

RESOLVED, that the Clifton Park Water Authority hereby amends its Lawn Irrigation System Rules and Regulations as described above.

Motion By: _____

Seconded By: _____

Roll Call Vote:

	<u>Ayes</u>	<u>Noes</u>
Mr. Gerstenberger	_____	_____
Mr. Ryan	_____	_____
Mr. Taubkin	_____	_____
Mr. Butler	_____	_____
Ms. Osborne	_____	_____

Clifton Park Water Authority

Resolution # _____, 2021

Approve CPWA General Terms and Conditions of Service

WHEREAS, the Clifton Park Water Authority (CPWA) wishes to establish a set of general rules and regulations that customers of the CPWA are required to abide by in order to receive water service, now therefore be it

RESOLVED, that the Clifton Park Water Authority hereby adopts the Clifton Park Water Authority General Terms and Conditions of Service, as attached.

Motion By: _____

Seconded By: _____

Roll Call Vote:

	<u>Ayes</u>	<u>Noes</u>
Mr. Gerstenberger	_____	_____
Mr. Ryan	_____	_____
Mr. Taubkin	_____	_____
Mr. Butler	_____	_____
Ms. Osborne	_____	_____

Clifton Park Water Authority

General Terms and Conditions of Service

1. Metering

All customers of the Clifton Park Water Authority (“CPWA”) system shall have their usage metered, with the exception of commercial fire protection systems. Meters shall be of a type specified by the CPWA prior to installation.

a. Location of Meters

Meters shall be located in the basement or mechanical/utility room if one is available. The water meter shall be placed where the water service line comes through the basement wall of basement floor. Where no basement is provided, the meter shall be placed where the service line comes through the wall or floor of the mechanical/utility room. All water meters installed within buildings shall be in a horizontal position, a minimum of 18 inches, but no more than 42 inches from where the water service first penetrates the floor or wall of the structure. The base of a single water meter shall be set at a height of not less than 12 inches, and not more than 42 inches above the floor surface. Meters shall be indoors and protected from freezing and other damage. No meters shall be installed in a crawl space under a residence. A meter pit may be installed outside the residence if the meter cannot be installed in the basement or mechanical/utility room. All meters shall be accessible to the Authority for inspection and reading.

b. Type of Meter

Meter size shall be determined by the property owner, but shall not be less than 5/8” x 3/4”. Meter type shall be determined by the CPWA prior to installation and shall be dependent on the type of usage expected in the building. All meters shall be radio-read and of a brand and type specified by the CPWA.

1. Opt-Out of Radio-Read Requirement

Should a customer express concerns over the installation of a radio-read meter in their home or business, they can opt to have a non-radio-read meter installed. To cover the additional effort on the part of the CPWA to read this style of meter, the customer will be billed additionally on each quarterly bill. This fee can be found in the CPWA’s Current Rates and Charges.

c. Metering of Irrigation

Commercial customers who have underground irrigation systems must separately meter their irrigation usage. The meter shall be installed as a sub-meter of the building's master meter. The charges for commercial irrigation are found in the CPWA's Current Rates and Charges.

2. Cross-Connections

At no point shall the domestic water system in a building that is connected to the CPWA system have an interconnection with another water supply. A physical separation must be present. It is acceptable for customers to use another water supply to service outside hose bibs, irrigation systems, etc., but the domestic water for the building must be connected to the CPWA supply, and the two supplies must be completely separated.

3. Water Rates and Charges

All current rates and charges of the CPWA can be found in the CPWA's Current Rates and Charges, which can be found on the CPWA website. Customers may also obtain a copy at the CPWA's main office. These rates and charges are subject to change at any time by resolution of the CPWA's Board of Directors.

4. Billing, Late Fees and Termination

- a. The CPWA shall meter and bill each direct connection to the water system and water services shall not be shared by separately metered customers.
- b. CPWA customers are billed quarterly. Bills are due 20 days after the date of the bill. A monthly finance charge at the annual rate of 18% will be assessed on any overdue balances. Customers who fail to pay their bill will be subject to termination of service prior to the next billing period.
- c. The Clifton Park Water Authority is not responsible for any damage that may occur as a result of termination of service due to non-payment.

5. Tenant/Landlord Billing and Service

- a. The CPWA will bill the property owner for each metered account, but will, as a courtesy, bill a tenant that is directly connected to the water main and metered, however, the property owner will be responsible for any unpaid water charges of the tenant.

6. Ownership of Water Services and Meters

- a. The Clifton Park Water Authority will own and maintain residential water services from the water main to the property line or curb stop, whichever is closer to the water

main. The customer is responsible for repair/replacement of the remainder of the water service and all plumbing inside the home, with the exception of the water meter and water meter tail pieces. The CPWA owns, and will maintain, the water meter within the home.

7. Access to Water Meter

- a. The CPWA will be allowed access to the water meter within the home for reading, repair and replacement. Access will be coordinated with the homeowner, but failure to allow access to the meter within a reasonable amount of time will result in suspension of service until such time as access is granted.

8. Automatic Lawn Irrigation Systems

- a. All lawn irrigation systems shall be installed and maintained in accordance with the CPWA's Lawn Irrigation System Rules and Regulations.

Clifton Park Water Authority

Resolution # _____, 2021

**Resolution on the Adequacy of the Rates to Sufficiently
Comply with the Rate Covenant**

WHEREAS, the Clifton Park Water Authority has completed a review, taking into consideration the completion of any uncompleted water projects and issuance of future series of bonds if necessary to finance the completion of such water projects, of its financial condition for the purpose of estimating whether the net revenues for fiscal years 2021 and 2022 will be sufficient to comply with the rate covenant contained in subsection (b) of section 7.12 of the water system revenue bond resolution adopted November 16, 1993. Now, therefore be it

RESOLVED, that the Clifton Park Water Authority has estimated that its net revenues for fiscal years 2021 and 2022 will be sufficient to comply with the rate covenant contained in the subsection (b) of section 7.12 of the water system revenue bond resolution adopted November 16, 1993, and it is further

RESOLVED, that the Clifton Park Water Authority Board of Directors hereby authorizes a copy of this resolution, certified by its chairman, an authorized officer, setting forth a reasonably detailed statement of the actual and estimated revenues, operating expenses, aggregate debt service, and any other estimates or assumptions upon which such determination was based, to be filed with the bond trustee.

Motion to Accept _____ Seconded _____

Roll Call Vote:

	Ayes	Noes
Mr. Gerstenberger	_____	_____
Mr. Ryan	_____	_____
Mr. Taubkin	_____	_____
Mr. Butler	_____	_____
Ms. Osborne	_____	_____