### TOWN BOARD MEETING TOWN HALL, MAHOPAC, N.Y.

A Regular Meeting of the Town Board of the Town of Carmel was called to order by Supervisor Michael Cazzari on the 2<sup>nd</sup> day of February 2022 at 7:04 p.m. at Town Hall, 60 McAlpin Avenue, Mahopac, New York. Members of the Town Board present by roll call were: Councilman Baranowski, Councilman Lombardi, Councilwoman McDonough, Councilman Schanil, and Supervisor Cazzari.

The Pledge of Allegiance to the Flag was observed prior to the start of official business. A moment of silence was held in memory of fallen New York City Police Officers Wilbert Mora and Jason Rivera killed in the line of duty last month, as well as in memory of local publisher Don Hall, the longtime owner of the *Putnam County Press* and the *Putnam County Times*. A moment of silence was also held to honor those serving in the United States Armed Forces, our veterans and local first responders.

#### **PUBLIC COMMENTS**

No member of the public wished to comment at this time.

## MINUTES OF TOWN BOARD MEETING HELD ON 1/5/2022 - ACCEPT AS SUBMITTED BY THE TOWN CLERK

On motion by Councilwoman McDonough, seconded by Councilman Lombardi, with all members of the Town Board present and voting "aye", the minutes of the Town Board meeting held on January 5<sup>th</sup>, 2022 were accepted as submitted by the Town Clerk.

#### REAPPOINTMENT OF TOWN HISTORIAN ACKNOWLEDGED - JAMES MEYER

RESOLVED that the Town Board of the Town of Carmel hereby acknowledges the reappointment by Supervisor Michael Cazzari of James Meyer as the Town of Carmel Town Historian.

Resolution Offered by: Seconded by:	Councilman Lombardi Councilwoman McDonough, Councilman Schanil and Councilman Baranowski			
Roll Call Vote Stephen Baran Frank Lombard Suzanne McDo Robert Schanil Michael Cazzai	owski li onough	YES X X X X X X	NO	

#### RESOLUTION FROM 1/5/2022 AMENDED - SEASONAL/TEMPORARY AND PART-TIME WORKERS WAGE RATES ESTABLISHED

RESOLVED that the Town Board of the Town of Carmel hereby sets the Seasonal/Temporary-Full-Time Workers maximum wage rates for the following title effective January 1, 2022:

#### SEASONAL/TEMPORARY FULL TIME WORKERS

POSITION AND/OR TITLE	<u>HOURLY WAGE RATE BASED ON</u> CUMULATIVE HOURS OF SERVICE:			
	0-500	501-1000	1001-1500	1501-XXXX
Seasonal/Temp.	13.50	14.50	15.50	16.50

(Cont.)				
Resolution Offered by:	Councilm	an Schan	il	
•	Councilm	an Lomba	ardi and Cou	ncilwoman McDonough
Roll Call Vote Stephen Barand Frank Lombard Suzanne McDo Robert Schanil Michael Cazzar	i nough	YES X X X X X	NO	

## MAHOPAC VOLUNTEER FIRE DEPARTMENT - ADDITION AND DELETION TO THE ACTIVE LIST AUTHORIZED

RESOLVED that the Town Board of the Town of Carmel hereby authorizes the addition of the following name to the active list of the Mahopac Volunteer Fire Department:

MICHAEL RICCI

BE IT FURTHER RESOLVED that the Town Board of the Town of Carmel hereby authorizes the deletion of the following name from the active list of the Mahopac Volunteer Fire Department:

JOHN GOODROW

Resolution				
Offered by:	Councilwoman McDonough			
Seconded by:	Councilman Baranowski			
Roll Call Vote		YES	_	NO
Stephen Baranowski		X		
Frank Lombard	Χ			
Suzanne McDo	X	-		
Robert Schanil		X	-	
Michael Cazza	ri	X	•	
			-	

#### <u>CARMEL SEWER DISTRICT #2 - EMERGENCY REPAIRS/SERVICES</u> ACKNOWLEDGED

RESOLVED, the Town Board of the Town of Carmel, acting as Commissioners of the various water and sewer districts of the Town of Carmel, hereby acknowledges the emergency performance of water and sewer district collection system/distribution system and treatment facilities repairs as fully detailed in the memorandum of Town Engineer Richard J. Franzetti, P.E. to the Town Board dated January 12, 2022, as attached hereto and made a part thereof.

<u>Resolution</u>				
Offered by:	Councilman Baranowski			
Seconded by:	Councilwoman McDonough			
-				
Roll Call Vote		YES	NO	
Stephen Baranowski		X		
Frank Lombardi		X		
Suzanne McDonough		X		
Robert Schanil		X		
Michael Cazzari		X		

(Cont.)

Richard J.Franzetti, P.E. Town Engineer



(845) 628-1500 (845) 628-2087 Fax (845) 628-7085

Office of the Town Engineer 60 McAlpin Avenue Mahopac, New York 10541

#### **MEMORANDUM**

To: Carmel Town Board

From: Richard J. Franzetti P.E. Town Engineer

**Date:** January 12, 2022

Re: Emergency Repairs/Services

This memorandum is being presented to the Town Board to advise the Board of emergency invoices that were submitted for payment/authorization to proceed in excess of \$10,000.00 for services rendered. The following provides a brief a summary of the work that was performed.

#### Carmel Sewer District 2 ~

On January 5, 2022 Inframark, the operators for CSD2, notified the Engineering Department that the control screen for the UV system has failed. Due to the age of the system the controller is not under warranty and a replacement in kind is no longer available. Attached please find a proposal for the replacement which includes the cost for the materials and installation by the manufacturer. The replacement cost is \$19,220.00 and the install will be \$4.760.00.

Inframark is currently running the UV system manually, however they are unable to determine if any bulbs or ballast controls fail and are not able to record the daily intensity and milliwatt output. Per the attached email, the latter information is a regulatory requirement. This work was deemed an emergency and as such the Engineering Department authorized the quote for this work.

As an FYI these projects were completed as a Regulatory Upgrade and were financed through NYS EFC by New York City. These facilities utilize a combination microfiltration elements and ultraviolet disinfection bulbs. Inframark has advised this Department that the UV system installed is a Trojan system and the replacement parts are only provided by Trojan. This Department therefore considers this particular manufacturer to be a sole source

Tel: (845) 628-1500 Fax: (845) 628-7085 email rift@ci.carmel.ny.us

G/Engineering/Town Board/Emergency Invoices/01-19-2022/01-12-2022 Emergency Repair Acknowlegement to TB.doc



# UV3000PLUS 07<sup>TM</sup> DISINFECTION SYSTEM SCC UPGRADE (TOUCH SMART CONTROLLER)

(Cont.)

#### For

### Carmel SD#2, Ny

Date: December 23, 2021 Report No: 511264 CT: 145926

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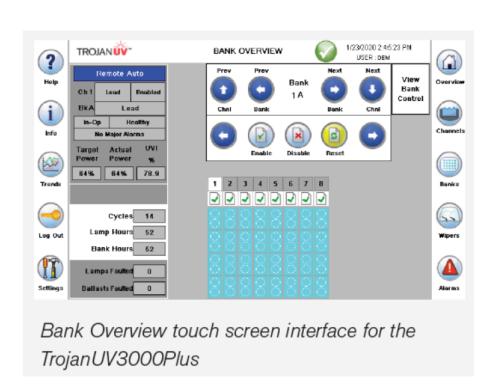
Page 1 of 7



#### System Upgrade Recommendations

A proposal to upgrade the existing System Control Center (SCC) is enclosed for your review. The recommended scope of work, equipment and services are described on the enclosed pages and should you require any clarification or if you have any questions then please call or email.

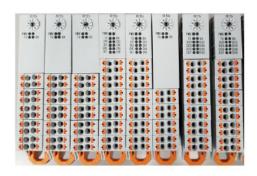
Trojan is offering the new Touch Smart controller which is a microprocessor-based control system.



(Cont.)

#### T-Arc IO

- Each IO Slice Addressed Individually, based on IO type Offset and Rotary wheel setting.
- Shares common power and serial connection through Backplane
- No configuration other then addressing required.
- PIT terminals
- Failed IO Cards can be replaced without need to rewire.



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## COMA D-sub-9, female Pin COM1 COM2 CAN

- 1 RS-422 Tx+, RS-485 Tx+/Rx+ (2 & 4 wire)
- 2 RS-232 RxD
- 3 RS-232 TxD
- 4 RS-422 Rx+, RS-485 Tx+/Rx+(4 Wire)
- 5 GND
- 6 RS-422 Tx-, RS-485 Tx-/Rx- (2 & 4 Wire)
- 7 RS-232 RTS
- 8 RS-232 CTS
- 9 RS-422 Rx-, RS-485 Tx-/Rx- (4 wire)

## COMB D-sub-9, female Pin COM3 CAN

- 1 RS-485 Tx+/Rx+
- 2 TERM+
- 3 -
- 4 -
- 5 GND
- 6 RS-485 Tx-/Rx-
- 7 TERM-
- 8 -
- $9 \ V_{\text{cc}}$

(Cont.)

TROJANUV

- Screens Match PLC template, while maintaining side menu bars.
- Design Dose Safety Factor Added (Recently added to PLC template in Major Update 45)
- Supports all the Same Doses as PLC based Template
- Separate Level/Devices Settings Screen and inputs. Visualized on the Channel Overview screen (New to TouchSmart)
- Data Logging/ Config files and alarm logs are all accessed on the Service Menu screen.

- Ethernet IP, Modbus TCP and Modbus RTU are all standard without the need of converters.
- SCADA drivers can be Enabled/Disabled through the HMI.
- Both Soft Control and HMI files can be downloaded using a USB drive instead of loading software.
- IO amount increased. No longer have to use inputs for multiple devices.
- Minor alarm is now separate.

The recommended scope of work, equipment and services described on the following pages are to provide a new replacement SCC panel to replace the existing unit. Should you require any clarification or if you have any questions then please call or email.

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#### System Control Center (SCC): Parts

The UV SCC shall consist of the components as detailed in the table below. Site service is described separately below.

QTY	DESCRIPTION	UNIT MODEL NUMBER / COMMENT	
1	Touch Smart Control Panel -Beijer X2 Extreme microprocessor with 7" colour touch screen interface	Touchsmart Part # Configurable Item	
1	SCADA Communications:	Standard: Modbus TCP/IP, Modbus RTU, Ethernet IP	
1	Panel	Panel Construction: 304SS NEMA 4X enclosure rating; wall mounted, Heater, UL	
1	Analog Inputs	Flow	
1	Digital Outputs	Major Minor Critical alarms, Bank 1X On Status	
1	Beijer Xtreme Configuration and testing	Downloaded and configured to site control philosophy.	
	Total Price USD	\$19, 220.00	

(Cont.)



#### Site Service

The following site service will be required to complete the inspection, commissioning and startup of the new SCC.

Description	Certified Service Technician	Total Price
Service Travel Days	2	\$1840.00
Site Days required, estimated, invoice @ actual	2	\$2920.00
Total Service Price (\$USD)		\$4760.00

#### Site Responsibility:

Site will be responsible for:

- · Removal and disposal of existing SCC if applicable.
- Installation, mounting, Wiring and connection of AC power to new SCC.
- SCADA integration during service work. Sample registers to be reviewed, thus
  ensuring that the correct format is being used, if applicable.
- Site operations available for training on the new SCC control panel
- Supply, installation and connection of the following at the <u>System Control Center</u> (if not already available):

Site will be responsible for the new supply (labor and hardware) or transfer of the following connections from the existing panel (or site source) to the new SCC panel:

- One (1) 120-240V volt, 50-60 Hz, 1 phase, 2 wire (plus ground), power supply for the SCC – make power connections within the panel but do not apply power. Power requirements can be supplied, typical draw is less than 15 Amps.
- 2. One (1) communications cable from plant SCADA system, if applicable.
- 3. Any new or existing power, analog or communications wiring that is too short for direct connection to new SCC will have to be replaced as "splicing" is not allowed

Note: Pull all wiring as required, label, and terminate within panels All conductors, conduit and local disconnects are the responsibility of the Installation Contractor.

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#### Trojan Responsibility:

Trojan will be responsible for providing one electronic copy of the following documentation:

- 1. SCADA address list.
- 2. Controls Philosophy.
- 3. Appropriate corrected sections for the original O&M Manuals

(Cont.)

#### Terms & Conditions:

Freight - Extra (quotation available upon request)

Payment terms: Net 30 days

Quote Valid - May 31, 2022

Delivery: 8-12 weeks, to be confirmed at order placement

SCC Warranty is one (1) year materials.

Refer to Terms & Conditions

In accordance with our terms & conditions refer to our website for details.

https://www.trojantechnologies.com/sales-terms-conditions/

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Page 7 of 7 any form or by any means without written permission of Trojan Technologies mpany Proprietary

Prairies/Michaely praint, Inomas Harris, Carries Batz, Michaely Esteves, Donnas Vara, Roby Maxwell, Mary Ann Re: 01-11-022 RE: Town of Carmel, NY - Sewer District #2(CT145926-HMI quote) 511264 Wednesday, January 12, 2022 9:41:24 AM

This should be considered an emergency purchase

The recording of the intensity/ mW output is part of our normal regulatory reporting as we are required to be above the minimum of 65 mw/cm3 at a flow of 1.5 MGD to meet the minimum disinfection requirement.

I will submit the request now.

#### Arthur Grippo | Plant Supervisor - Carmel, NY

2 Renwick Street Newburgh, NY 12550

O: 845-541-3904

From: Franzetti.Richard <rif@ci.carmel.nv.us>

Sent: Tuesday, January 11, 2022 4:22 PM

To: Grippo, Arthur <arthur.grippo@inframark.com>; Brann, Thomas <thomas.brann@inframark.com>
Cc: Harris, Carrie <Carrie Harris@inframark.com>; Batz, Michael <michael.batz@inframark.com>; Esteves,Donna <de@ci.carmel.ny.us>; Vara, Rob <rjv2@ci.carmel.ny.us>; Maxwell,Mary Ann <mam@ci.carmel.ny.us>

Subject: 01-11-2022 RE: Town of Carmel, NY - Sewer District #2(CT145926-HMI quote) 511264

Richard J. Franzetti. P.E, BCEE

Town Engineer

60 McAlpin Avenue

Mahopac, New York 10541 Phone - (845) 628-1500 ext 181

Fax - (845) 628-7085

Cell - (914) 843-4704

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From: Franzetti.Richard

Sent: Tuesday, January 11, 2022 4:21 PM

To: 'Grippo, Arthur' <arthur.grippo@inframark.com>; Brann, Thomas <thomas.brann@inframark.com>
Cc: Harris, Carrie <Carrie.Harris@inframark.com>; Batz, Michael <michael.batz@inframark.com>; Esteves,Donna <de@ci.carmel.ny.us>; Vara, Rob <rjv2@ci.carmel.ny.us>; Maxwell,Mary Ann <mam@ci.carmel.nv.us>

Subject: RE: Town of Carmel, NY - Sewer District #2(CT145926-HMI quote) 511264

Importance: High

Thanks and sorry for the delay in responding.

Will need the following so that I can present memo to Town Board:

- Quote from the manufacturer
- PO request from Inframark

Note – need this by COB tomorrow as memo is due by 1 PM on Thursday Is this considered an emergency or are any of these regulatory requirements as you are:

- running the system manually,
   won't know if any bulbs or ballast controls fail and

- not able to record the daily intensity and milli

Thanks

Richard J. Franzetti. P.E, BCEE

Town Engineer

60 McAlpin Aveni

Mahopac, New York 10541

Phone - (845) 628-1500 ext 181 Fax - (845) 628-7085

Cell – (914) 843-4704

rif@ci.carmel.ny.us

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#### (Cont.)

From: Grippo, Arthur <arthur.grippo@inframark.com>

Sent: Wednesday, January 5, 2022 9:26 AM

To: Franzetti,Richard <a href="mailto:rif@ci.carmel.ny.us">rif.gci.carmel.ny.us</a>; Brann, Thomas <a href="mailto:shann@inframark.com">homas <a href="mai

Subject: Fw: Town of Carmel, NY - Sewer District #2(CT145926-HMI quote) 511264

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Recently the HMI control screen for the UV system has failed. Unfortunately, the controller isn't under warranty and a replacement is no longer available. I've attached a copy of the proposal for the replacement. This will include the costs for the materials and installation by the manufacturer. The replacement is \$19,220 and the install will be \$4760. In the meantime, I've overwritten the controller and are running the UV system manually at 100%. So the system will continue to run. We just won't know if any bulbs or ballast controls fail. In addition to that we won't be able to record the daily intensity and milliwatt output.

Arthur Grippo | Plant Supervisor - Carmel, NY



2 Renwick Street|Newburgh, NY 12550

O: 845-541-3904

From: Valenti, Shawn < svalenti@trojantechnologies.com> Sent: Friday, December 24, 2021 11:16 AM

To: TrojanUV Eastern US Municipal Territory <easternus@trojantechnologies.com>; Grippo, Arthur <arthur.grippo@inframark.com

Subject: RE: Town of Carmel, NY - Sewer District #2(CT145926-HMI quote) 511264

Hi Arthur,

The controls for your system isn't actually a PLC, but rather a micro controller and HM all built into one unit. This hardware is obsolete and replaced with the next generation which is the Beijer X2. The new hardware also requires all new I/O as well and thus a whole new Scc.

Hopefully that makes sense and we can always discuss in the new year.

Thanks,

Shawn

Confidential - Company Proprietary

From: TrojanUV Eastern US Municipal Territory <<u>easternus@trojantechnologies.com</u>>

Sent: December 24, 2021 10:21 AM

To: Grippo, Arthur <arthur.grippo@inframark.com>

Cc: Valenti Shawn <svalenti@trojantechnologies.com

Subject: RE: Town of Carmel, NY - Sewer District #2(CT145926-HMI quote) 511264

Hi Arthur

Your existing HMI is no longer available – it is obsolete. We only have the TouchSmart panel as the replacement.

Thank you

MIKE D'ORIA Inside Sales Manager - Aftermarket Parts 3020 Gore Road, London, Canada N5V 4T7

(800) 291-0851 ext 2556 office (226)268-9224 cell

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A picture containing graphical user interface 🗈 Description automatically generated



From: Grippo, Arthur <arthur.grippo@inframark.com>

Sent: Thursday, December 23, 2021 4:47 PM

To: TrojanUV Eastern US Municipal Territory <<u>easternus@tr</u>

Subject: Re: Town of Carmel, NY - Sewer District #2(CT145926-HMI quote) 511264

Mike,

Our facility's normal hours of operation are from 7am-3pm

Just to clarify. A replacement unit will be in the neighborhood of \$20,000 plus installation?

If so can you please explain why? I would just need a functioning navigation screen. The PLC controls appear to still be operating. How long will the new units be covered under warranty?

Sent from my iPhone

From: TrojanUV Eastern US Municipal Territory < easternus@trojantechnologies.com >

Sent: Thursday, December 23, 2021 4:40:04 PM To: Grippo, Arthur <arthur grippo@inframark.co

Subject: RE: Town of Carmel, NY - Sewer District #2(CT145926-HMI quote) 511264

Attached is the proposal for the replacement HMI. Please note the existing HMI is no longer supported and would need to be replaced with the TouchSmart. Please review the attached proposal and advise should you have any questions.

When would you need to take delivery?

Thank you

MIKE D'ORIA Inside Sales Manager - Aftermarket Parts

3020 Gore Road, London, Canada N5V 4T7 (800) 291-0851 ext 2556 office (226)268-9224 cell

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From: Grippo, Arthur <arthur.grippo@inframark.com>
Sent: Tuesday, December 21, 2021 10:45 AM

To: TrojanUV Eastern US Municipal Territory < eastern

Subject: Town of Carmel, NY - Sewer District #2(CT145926-HMI quote) 511264

Good Morning

I would like to purchase a replacement HMI panel for out UV 3000plus. The screen is no longer functioning. We've gone through several of these over the past 10 years. I wasnt sure if this would be covered under warranty or not. Below is a photograph of the information located on the back of the panel

#### **COMMENTS/ANNOUNCEMENTS**

Supervisor Cazzari announced that the Town Board is currently seeking a qualified person to fill a vacancy on the Planning Board. Letters of interest and resumes should be submitted to the Town Supervisor's office. Further information is available on the Town of Carmel's website at www.ci.carmel.ny.us.

Councilwoman McDonough reflected on the recent passing of beloved former longtime Recreation and Parks Department employee, senior citizen director and community volunteer Fran Giovinazzi.

#### **ADJOURNMENT**

All agenda items having been addressed, on motion by Councilman Lombardi, seconded by Councilwoman McDonough, with all Town Board members present and in agreement, the meeting was adjourned at 7:11 p.m. to Executive Session with John Folchetti, P.E. regarding an engineering contractual matter.

Respectfully submitted,

Ann Spofford, Town Clerk