KENNETH SCHMITT Town Supervisor

SUZANNE MC DONOUGH Town Councilwoman Deputy Supervisor

MICHAEL A. BARILE Town Councilman JOHN D. LUPINACCI Town Councilman JONATHAN SCHNEIDER Town Councilman

TOWN OF CARMEL

TOWN HALL

60 McAlpin Avenue Mahopac, New York 10541 Tel. (845) 628-1500 • Fax (845) 628-6836 www.carmelny.org ANN SPOFFORD Town Clerk

KATHLEEN KRAUS Receiver of Taxes

MICHAEL SIMONE Superintendent of Highways Tel. (845) 628-7474

TOWN BOARD SPECIAL VOTING MEETING/ WORK SESSION Wednesday, June 13, 2018 7:00pm

Pledge of Allegiance – Moment of Silence

Town Board Special Voting Meeting:

- 1. Res: Authorizing Subject to Permissive Referendum the Construction if Improvements and Reconstruction of the Airport Park, in and for the Town of Carmel, Putnam County, New York, at a Maximum Estimated Cost of \$2,200,000 and Authorizing the Issuance of \$2,200,000 Bonds of Said Town to Pay the Cost Thereof
 - Public Comment (Three (3) Minutes on Agenda Items Only)
 - Town Board Member Comments

Town Board Work Session:

- Review of Town Board Minutes, May 16, 2018
- Mary Ann Maxwell, Town Comptroller Consider Request to award electric supply bids for facilities and street lights for 36 month period commencing November 1, 2018 – October 31, 2021 through joint purchasing bid with Putnam County and other surrounding towns
- 2. Consider Resolution to NYS DEC to Strengthen Gas Pipeline Regulations
- 3. James Gilchrist, Director of Recreation and Parks Consider Donation from Friends of Recovery Memorial Bench at Chamber Park
- 4. Councilman Jonathan Schneider, Richard Franzetti, PE, Town Engineer Consider Request to Convert Lighting District to LED Lights
- Richard Franzetti, PE, Town Engineer Consider Request to Advertise for Bids or Consider Change Order Contract C250 – Sycamore Park Convert Tennis Courts to Basketball Courts
- 6. Richard Franzetti, PE, Town Engineer Consider Request to Accept Proposal for CWD#2 Consulting Engineer Services
- Richard Franzetti, PE, Town Engineer Consider Request to Authorize Purchase of Filter Bags CWD#2
- 8. Richard Franzetti, PE, Town Engineer Consider Request to Authorize Purchase and Repair Crest Tank Booster Pump CWD#8

- 9. Police Chief Michael Cazzari Consider Request for Payment of Compensatory Time
- 10. Police Chief Michael Cazzari Consider Request to Memorialize Private Driveway – Town Hall Police Department in Honor of PO Gary Pietropaolo
 - Public Comment (Three (3) Minutes on Agenda Items Only)
 - Town Board Member Comments

Open Forum:

- Public Comments on New Town Related Business (Three (3) Minutes Maximum per Speaker for Town Residents, Property Owners & Business Owners Only)
- Town Board Member Comments
- Adjournment

Executive Session:

- 1. Kathy Kraus, Receiver of Taxes Personnel
- 2. Police Chief Michael Cazzari Personnel
- 3. Greg Folchetti, Town Legal Counsel Update Lake Mahopac Dam Litigation

RESOLUTION #1

A RESOLUTION AUTHORIZING, SUBJECT TO PERMISSIVE REFERENDUM THE CONSTRUCTION OF IMPROVEMENTS TO AND RECONSTRUCTION OF THE AIRPORT PARK, IN AND FOR THE TOWN OF CARMEL PUTNAM COUNTY, NEW YORK, AT A MAXIMUM ESTIMATED COST OF \$2,200,000 AND AUTHORIZING THE ISSUANCE OF \$2,200,000 BONDS OF SAID TOWN TO PAY THE COST THEREOF

WHEREAS, the capital project hereinafter described is hereby determined to be a Type II Action pursuant to the regulations of the New York State Department of Environmental Conservation promulgated pursuant to the State Environmental Quality Review Act, the implementation of which as proposed, such regulations provide will not result in any significant adverse environmental impact; and

WHEREAS, it is now desired to authorize such capital project and its financing;

NOW, THEREFORE BE IT RESOLVED, by the Town Board of the Town of Carmel, Putnam County, New York, as follows:

<u>Section 1.</u> The construction of improvements to and reconstruction of the Airport Park, in and for the Town of Carmel, Putnam County, New York, including original furnishings, machinery, equipment, apparatus, appurtenances, and incidental improvements and expenses in connection therewith, is hereby authorized at a maximum estimated cost of \$2,200,000, subject to permissive referendum.

Section 2. It is hereby determined that the plan for the financing thereof is by the issuance of \$2,200,000 bonds of said Town hereby authorized to be issued therefor pursuant to the provisions of the Local Finance Law.

<u>Section 3.</u> It is hereby determined that the period of probable usefulness of the aforesaid specific object or purpose is fifteen years, pursuant to subdivision 19[©] of paragraph a of Section 11.00 of the Local Finance Law. It is hereby further determined that the maximum maturity of the bonds herein authorized will exceed five years.

Section 4. The faith and credit of said Town of Carmel, Putnam County, New York, are hereby irrevocably pledged for the payment of the principal of and interest on such bonds as the same respectively become due and payable. An annual appropriation shall be made in each year sufficient to pay the principal of and interest on such bonds becoming due and payable in such year. There shall annually be levied on all the taxable real property of said Town, a tax sufficient to pay the principal of and interest on finterest on such bonds as the same become due and payable.

<u>Section 5.</u> Subject to the provisions of the Local Finance Law, the power to authorize the issuance of and to sell bond anticipation notes in anticipation of the issuance and sale of the bonds herein authorized, including renewals of such notes, is hereby delegated to the Supervisor of said Town, the chief fiscal officer. Such notes shall be of such terms, form and contents, and shall be sold in such manner, as may be prescribed by said Supervisor, consistent with the provisions of the Local Finance Law.

Section 6. All other matters except as provided herein relating to the bonds herein authorized including the date, denominations, maturities and interest payment dates, within the limitations prescribed herein and the manner of execution of the same, including the consolidation with other issues, and also the ability to issue bonds with substantially level or declining annual debt service, shall be determined by the Supervisor, the chief fiscal officer of such Town. Such bonds shall contain substantially the recital of validity clause provided for in Section 52.00 of the Local Finance Law, and shall otherwise be in such form and contain such recitals, in addition to those required by Section 51.00 of the Local Finance Law, as the Supervisor shall determine consistent with the provisions of the Local Finance Law.

<u>Section 7.</u> This resolution shall constitute a statement of official intent for purposes of Treasury Regulations Section 1.150-2. Other than as specified in this resolution, no monies are, or are reasonably expected to be, reserved, allocated on a long-term basis, or otherwise set aside with respect to the permanent funding of the object or purpose described herein.

Section 8. The validity of such bonds and bond anticipation notes may be contested only if:

- 1) Such obligations are authorized for an object or purpose for which said Town is not authorized to expend money, or
- 2) The provisions of law which should be complied with at the date of publication of this resolution are not substantially complied with, and an action, suit or proceeding contesting such validity is commenced within twenty days after the date of such publication, or

3) Such obligations are authorized in violation of the provisions of the Constitution.

<u>Section 9.</u> Upon this resolution taking effect, the same shall be published in summary form in the official newspaper of said Town for such purpose, together with a notice of the Town Clerk in substantially the form provided in Section 81.00 of the Local Finance Law

Section 10. THIS RESOLUTION IS ADOPTED SUBJECT TO PERMISSIVE REFERENDUM.

<u>Resolution</u>	
Offered by:	
Seconded by:	_

Roll Call Vote	YES	<u>NO</u>
Michael Barile		
Jonathan Schneider		
John Lupinacci		
Suzanne McDonough		
Kenneth Schmitt		

From:Maxwell.Mary AnnTo:Pasquerello.AnneSubject:RE: June 13th Work SessionDate:Wednesday, June 06, 2018 12:43:57 PMAttachments:County Electric Supply Bid 2018-2021.pdf

Anne....please add:

- Consider awarding of electric supply bids for facilities and street lights for 36 month period commencing November 1, 2018 October 31, 2021 through joint purchasing bid with Putnam County and other surrounding towns.
 - o Aggressive Energy (Facilities) \$.06091/KWH
 - o Plymouth Rock Energy (Street Lights) \$.04838/KWH

Mary Ann Maxwell Town Comptroller Town of Carmel (845) 628-1500 ext 175 Fax (845) 628-7085 mam@ci.carmel.ny.us

Maxwell, Mary Ann

From:	Alessandro Mazzotta <alessandro.mazzotta@putnamcountyny.gov></alessandro.mazzotta@putnamcountyny.gov>
Sent:	Thursday, May 31, 2018 3:59 PM
To:	'laurias@mahopac.k12.ny.us'; Patricia Brooks (finance@pattersonny.org); Levon
	Bedrosian (lbedrosian@southeast-ny.gov); Maxwell,Mary Ann; Peter Brewster Hansen (phansen@brewstervillage-ny.gov)
Cc:	Christopher Schiller (cschiller@resolutionenergygroup.com)
Subject:	RE: Electric Bid
Attachments:	Aggressive Energy.pdf

Good Afternoon,

I am attaching the low bid results from today's bid opening for the Aggregate Fixed Electric Rate (street light rate to follow). There is a minimal difference between the 12 month rate and the 36 month rate. Therefore the County is recommending that we award the 36 month rate at \$.06091. Our current rate with Champion Energy is \$.07294; so we will be doing considerably better with this new offering. The service start date for this new contract would be the November 2018 meter reads.

Please let me know if anyone objects to this award recommendation. If not, we will notify Aggressive Energy immediately to lock in the rate. As always, each agency will be required to execute separate contracts with Aggressive Energy.

Thanks.

Alex

From: Alessandro Mazzotta
Sent: Wednesday, May 30, 2018 12:45 PM
To: 'laurias@mahopac.k12.ny.us'; Patricia Brooks (finance@pattersonny.org); Levon Bedrosian (lbedrosian@southeast-ny.gov); Maxwell,Mary Ann (mam@ci.carmel.ny.us); Peter Brewster Hansen (phansen@brewstervillage-ny.gov)
Cc: Christopher Schiller (cschiller@resolutionenergygroup.com)
Subject: RE: Electric Bid

Good Afternoon,

Just a reminder that Electric Bids are due tomorrow, May 31 at 1pm. You are all welcome to attend the bid opening. Thanks.

Alex

From: Alessandro Mazzotta
Sent: Friday, May 18, 2018 12:15 PM
To: 'laurias@mahopac.k12.ny.us'; Patricia Brooks (<u>finance@pattersonny.org</u>); Levon Bedrosian (<u>lbedrosian@southeast-ny.gov</u>); Maxwell,Mary Ann (<u>mam@ci.carmel.ny.us</u>); Peter Brewster Hansen (<u>phansen@brewstervillage-ny.gov</u>)
Cc: Christopher Schiller (<u>cschiller@resolutionenergygroup.com</u>)
Subject: Electric Bid

Good Afternoon,

I wanted to update you all on the Electric Bid. The bids are due on May 31, 2018 at 1pm. I have attached the bid documents to this email. So far it appears that there is a lot of interest in the solicitation. You are welcome to attend the bid opening at my office at the County Office Building, 40 Gleneida Avenue, Room 105, Carmel, NY 10512.

Thanks.

Alex

FACILITIES

36 MONTH	\$.06091/KWH			\$.06389/KWH	\$.06745/KWH
24 MONTH	\$.05961/KWH		\$.06241/KWH	\$.06245/KWH	\$.06436/KWH
12 MONTH	\$.05888/KWH	\$.06414/KWH	\$.06183/KWH	\$.06275/KWH	\$.06382KWH
	AGGRESSIVE ENERGY	ENERGY COOPERTIVE OF AMERICA	GREAT EASTERN ENERGY	NEW WAVE ENERGY	PLYMOUTH ROCK ENERGY

LOW BID

STREET LIGHTS

12 MONTH	\$.05471/KWH	\$.04658/KWH	\$.06275/KWH	\$.04665/KWH
24 MONTH	\$.05468/KWH		\$.06245/KWH	\$.04704/KWH
36 MONTH	\$.05541/KWH		\$.06389/KWH	\$.04838/KWH

LOW BID

40 Gleneida A	PAGE: 1 FY OF PUTNAM - PURCHASING ve1 st Floor-Room 105, Carmel, NY 10512 FELEPHONE: 845-808-1088
TITLE: FIRM ELECTRIC SUPPLY	BID NUMBER: RFB-17-18
IN	VITATION TO BID
BIDDER'S NAME: Aggressive E	chergy LLC.
PHYSICAL ADDRESS: <u>51 Ham</u> Bidders <u>must</u> list a physical address	ilton Avenue, Brooklyn N.Y 11231
MAILING ADDRESS : 51 Hami (P.O. BOX NUMBER, IF APPLICABLE)	Hon Avenue, Brooklyn N.Y. 1123)
at the Putnam County Purchasing Department, a	le will be received until 1:00 PM on: Thursday, May 31, 2018 the above address, at which time and place bids will be publicly opened ownloaded at: www.empirestatebidsystem.com.

TERMS: SEE CONTRACT SPECIFICATIONS

DELIVERY: AS PER SPECIFICATIONS

Prices are to be quoted F.O.B. DESTINATION, FREIGHT PREPAID AND ALLOWED (SHIPPING INCLUDED) with deliveries to be made as per specifications included within.

IMPORTANT NOTICE – Bid Distribution:

The County of Putnam officially distributes bidding documents from the Purchasing Department Office or through the Empire State Municipal Purchasing Group's Regional Bid Notification System. Copies of bidding documents obtained from any other source are not considered official copies. Only those vendors who obtain bidding documents from either the Purchasing Department Office or the Regional Bid Notification System are guaranteed to receive addendum information, if such information is issued. *Appendix A – General Terms and Conditions for all Purchasing Contracts is a separate attachment. Bidders shall download, read, and acknowledge acceptance of Appendix A on the proposal page.*

If you have obtained this document from a source other than the Putnam County Purchasing Department or the ESMPG Regional Bid Notification System, it is recommended that you obtain an official copy.

NOTE:

The proposal of each bidder shall contain the certification to non-collusive bidding as set forth in section 103-d of the General Municipal Law included in the specifications. This requirement must be strictly complied with.

Proposals are to be enclosed in a sealed envelope marked: FIRM ELECTRIC SUPPLY <u>RFB-17-18</u>, and shall be addressed to the Putnam County Department of Purchasing, at the above address.

The undersigned reserves the right to reject any and all proposals and to accept any proposal or proposals as submitted, or as modified, which in the opinion of the undersigned will be in the best interests of the County of Putnam.

DATED: 5/9/18

COUNTY OF PUTNAM CARMEL, NY BY: ALESSANDRO MAZZOTTA PURCHASING PLEASE MAKE COPY OF BID FOR YOUR RECORDS

40 Gleneida Ave1 st Floor-F	PAGE: 16 NAM - PURCHASING Room 105, Carmel, NY 10512 2: 845-808-1088
TITLE: FIRM ELECTRIC SUPPLY	BID NUMBER: RFB-17-18
AFFIDAVIT OF NON-COLLUSION The undersigned, having a principal place of business at:	A.
NAME OF BIDDER: Aggressive Energy LLC	PHONE NO .: 718-836-922 EXT:
BUSINESS ADDRESS: <u>SI Hami ton Ave</u> Brooklyn NY 11231	TELEFAX NO.:

and being experienced and responsible for the performance of the same, agrees to furnish and deliver F.O.B. DESTINATION, FREIGHT PREPAID AND ALLOWED, *Inside Delivery* to locations as specified, at the prices set forth by bidder in the specifications hereto annexed.

CERTIFICATION AND SIGNATURE FORM

I hereby attest that I am the person responsible within my firm for the final decision as to the prices(s) and amount of this bid or, if not, that I have written authorization, enclosed herewith, from that person to make the statements set out below on his or her behalf and on behalf of my firm.

I further attest that:

- 1. The price(s) and amount of this bid have been arrived at independently, without consultation, communication or agreement for the purpose of restricting competition with any other contractor, bidder or potential bidder.
- Neither the price(s), nor the amount of this bid, have been disclosed to any other firm or person who is a bidder or potential bidder on this project, and will not be so disclosed prior to bid opening.
- 3. No attempt has been made or will be made to solicit, cause or induce any firm or person to refrain from bidding on this project, or to submit a bid higher than the bid of this firm, or any intentionally high or non-competitive bid or other form of complementary bid.
- The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from any firm or person to submit a complementary bid.
- 5. My firm has not offered or entered into a subcontract or agreement regarding the purchase of materials or services from any other firm or person, or offered, promised or paid cash or anything of value to any firm or person, whether in connection with this or any other project, in consideration for an agreement or promise by any firm or person to refrain from bidding or to submit a complementary bid on this project.
- 6. My firm has not accepted or been promised any subcontract or agreement regarding the sale of materials or services to any firm or person, and has not been promised or paid cash or anything of value by any firm or person, whether in connection with this or any project, in consideration for my firm's submitting a complementary bid, or agreeing to do so, on this project.
- 7. I have made a diligent inquiry of all members, officers, employees, and agents of my firm with responsibilities relating to the preparation, approval or submission of my firm's bid on this project and have been advised by each of them that he or she has not participated in any communication, consultation, discussion, agreement, collusion, act or other conduct inconsistent with any of the statements and representations made in this affidavit.

The person signing this bid, under the penalties of perjury, affirms the truth thereof.

Signature & Company Position

Michael Belmont Type Name & Company Position

Aggressive Energy LLC Company Name

Date Signed

80-045 Federal I.D. Numbe

SWORN TO BEFORE ME THIS

OF NOTARY PUBLIC

bidproc9.fm rev. 11/96

40 Gleneida Ave1 st	PAGE: F PUTNAM - PURCHASING ⁴ Floor-Room 105, Carmel, NY 10512 EPHONE: 845-808-1088
TITLE: FIRM ELECTRIC SUPPLY	BID NUMBER: RFB-17-18
(THIS FORM N	CATION OF EXPERIENCE MUST BE FILLED IN BY VENDOR)
	HEREBY CERTIFY THAT (COMPANY) Aggressive Energy
ADDRESS: 900 Clifton Avenu	
AMOUNT OF CONTRACT:	TELEPHONE NO.: <u>973 - 772 - 5500</u> FAX NUMBER:
NAME OF BUSINESS: Town of Irvingto. ADDRESS: 1 Civic Square	
AMOUNT OF CONTRACT:	TELEPHONE NO .: Ah eachey @ Invington nj. 0
NAME OF BUSINESS: <u>Town of Pemberto</u> ADDRESS: <u>500 Pemberton-Brown</u>	s Mill Lood
AMOUNT OF CONTRACT: TYPE OF WORK: <u>Electricity Conc</u>	TELEPHONE NO.: 609-894- 3304 may FAX NUMBER:
NAME OF BUSINESS: <u>Boreugh of Engl</u> ADDRESS: <u>15 Main Street</u>	Ishton Bontact NAME:
AMOUNT OF CONTRACT:	TELEPHONE NO. 132-4465 9233
NAME OF BUSINESS: Borough of New Prov ADDRESS: 360 Elkwood Avenue	ndince contact NAME:
AMOUNT OF CONTRACT: TYPE OF WORK: <u>Electricity Contract</u>	Ang-165-1400
NAME OF BIDDER:MichaelBelmont	BY:
TITLE:Irector	witness: Dan Messing

40 Gleneida Ave1 st F	PAGE: 1 PUTNAM - PURCHASING Floor-Room 105, Carmel, NY 10512 PHONE: 845-808-1088
TITLE: FIRM ELECTRIC SUPPLY	BID NUMBER: RFB-17-18
CERTIFICATE OF EQUIPMENT Michael Belmont	
	ergy LLC essary for the execution of this Contract, and further ergy LLC. naterial and machinery to conduct this work as herein
s fully prepared with the necessary capital, m specified. The equipment available for the ex	naterial and machinery to conduct this work as herein ecution of this contract is listed below:
	x.
	· · ·
Acon in Error	Dan Marcine
NAME OF BIDDER	<u>Dan Messina</u> WITNESS <u>\$ /30 / 2018</u> DATE
Michael Belmont	\$ /30 / 2018 DATE
Aggressive Energy NAME OF BIDDER Michael Belmont BY Director TITLE	
IIILE	

COUNTY OF PUTNAM - PURCHASING 40 Gleneida Ave1 st Floor-Room 105, Carmel, NY 10512 TELEPHONE: 845-808-1088		
TITLE: FIRM ELECTRIC SUPPLY	BID NUMBER: RFB-17-18	
IMPORTANT: THIS FOI	RM MUST BE FILLED IN BY BIDDER	
RELATIONS	SHIPS TO PUTNAM COUNTY	
STATE OF NEW YORK)		
: ss COUNTY OF PUTNAM)		
NAME OF REPORTING ENTITY: Aggress	ive Energy LLC	
ADDRESS: 51 Hamilton A	venue Brookly NY 11231	
	TELEFAX NO.:	
THE REPORTING ENTITY IS (Check one of the followin AN INDIVIDUAL	a partnership	
 A.) Related Employees Are any of the employees that you will use to carry of or the spouse, or the child or dependent of such Putnam Yes No_X If yes, please provide details: 	out this contract with Putnam County also an officer or employee of Putnam County, county officer or employee?	
B.) Related Owners		
1. If you are the owner of the Contractor, are you or you	ur spouse, an officer or employee of the County?	
Yes No_X		
If yes, please provide details:		
To answer the following question, the following definition of the v	word "interest" shall be used:	
Interest means a direct or indirect pecuniary or mate or dependent, whether as the result of a contract with employce shall be deemed to have an "interest" in the i. His/her spouse, children and dependents, except a		

iii. A corporation of which such officer or employee is an officer, director or employee; and iv. A corporation of which more than five (5) percent of outstanding capital stock is owner by any of the aforesaid parties.

OF PUTNAM - PURCHASING -1 st Floor-Room 105, Carmel, NY 10512 LEPHONE: 845-808-1088
BID NUMBER: RFB-17-18
TIONSHIPS TO PUTNAM COUNTY (Continued)
utnam have an interest in the Contractor or in any subcontractor that will be used for
5 (Title or Office) of the reporting entity listed above.
books and records of the reporting entity. All of the foregoing information is true to ats under penalty or perjury. SIGNATURE:

PAGE: 22

COUNTY OF PUTNAM - PURCHASING

40 Gleneida Ave,-1st Floor-Room 105, Carmel, NY 10512 TELEPHONE: 845-808-1088

TITLE: FIRM ELECTRIC SUPPLY

BID NUMBER: RFB-17-18

CERTIFICATION OF COMPLIANCE LABOR REGULATIONS

The contractor named below certifies compliance with all applicable labor laws and regulations of the State of New York and the United States of America including the following:

1. Prevailing Wage Rate

The contractor agrees to comply with the schedule of wages applicable to the performance of the said contract and the statutory requirements and rules of the State of New York.

- Where delivery and installation of material is required, the contractor agrees to comply with Article 8-Public Work, of the NYS Labor Law and its current prevailing wage schedule.
- Where delivery in place is required, the contractor agrees to comply with Article 9, Prevailing Wages for Building Service Employees, of the NYS Labor Law and its current prevailing wage schedule.
- The contractor acknowledges their obligation and agrees to furnish Certified Payrolls with each and every invoice
 requesting payment to the County Department that utilized the services of the contractor. Filing of the required Certified
 Payrolls is a condition of payment. No payment will be made to the contractor without receipt of the required Certified
 Payrolls.
- The contractor and all subcontractors agree to provide written notice to all laborers, workers, or mechanics of the
 prevailing wage rate for their particular job classification on each pay stub*. The contractor and subcontractors also
 agree to post a notice at the beginning of the performance of every public work contract on each job site that includes the
 telephone number and address for the New York State Department of Labor and a statement informing laborers, workers,
 or mechanics of their right to contact the Department of Labor if he/she is not receiving proper prevailing wage rates
 and/or supplements for his/her job classification.

*In the event that the required information will not fit on the pay stub, an accompanying sheet or attachment of the information will suffice.

2. Social Security Taxes

The contractor promises and agrees to pay the taxes measured by the wages of their employees required by the Federal Social Security Act and all amendments thereto, and to accept the exclusive liability for said taxes.

3. Labor Laws

The contractor certifies compliance with all the provisions of laws in the State of New York and the United States of America which affect municipalities and municipal contracts, and more particularly the Labor Law, the Immigration and Naturalization Laws and Regulations, the General Municipal Law, the Workers Compensation Law, the Lien Law, Personal Property Law, State Unemployment Insurance Law, Federal Social Security Law, State, Local and Municipal Health Laws, and any and all regulations promulgated by the State of New York, insofar as the same shall be applicable to the contract awarded fo the contractor.

Sworn to before n day Notary Public. County.

JOSSELINE M CORNIEL TARY PUBLIC-STATE OF NEW YORK No. 01CO6358543 Qualified in New York County Commission Expires 05-08-2021

Signature & Company Position lame and Company Position LLC. nergy Company Name Date

COUNTY OF PUTNAM - PURCHASING 40 Gleneida Ave1 st Floor-Room 105, Carmel, NY 10512 TELEPHONE: 845-808-1088		st Floor-Room 105, Carmel, NY 10512
TITLE: FIRM ELECTRIC SU	PPLY	BID NUMBER: RFB-17-18
WITH	WITH TH 8 U.S	AVIT OF COMPLIANCE HE REQUIREMENTS OF S.C. SECTION 1324a LAWFUL HIRING OF EMPLOYEES
STATE OF NEW YORK) :ss	
COUNTY OF Kings)	
Michael Belmont (print name of deponent)	, being duly swor	rn, deposes and says:
1. I am the owner/authoriz	ed representativo	of Aggressive Energy

(circle one) (name of corp., business, company)
 I certify that I have complied, in good faith, with the requirements of Title 8 of the United States Code (U.S.C.) Section 1324a (Aliens and Nationality) with respect to the hiring of covered employees and with respect to the alien and nationality status of the owners thereof, as set forth in Putnam County Code

(signature of deponent)

Subscribed and sworn to before me

Chapter 134.

2012 This day of

Notary Public, State of New York

JOSSELINE M CORNIEL TARY PUBLIC-STATE OF NEW YORK No. 01CO6358543 Qualified in New York County Commission Expires 05-08-2021

PAGE: 24

COUNTY OF PUTNAM - PURCHASING 40 Gleneida Ave.-1st Floor-Room 105, Carmel, NY 10512

TELEPHONE: 845-808-1088

TITLE: FIRM ELECTRIC SUPPLY

BID NUMBER: RFB-17-18

CERTIFICATION OF COMPLIANCE WITH THE IRAN DIVESTMENT ACT

As a result of the Iran Divestment Act of 2012 (the "Act"), Chapter 1 of the 2012 Laws of New York, a new provision has been added to State Finance Law (SFL) § 165-a and New York General Municipal Law § 103-g, both effective April 12, 2012. Under the Act, the Commissioner of the Office of General Services (OGS) will be developing a list of "persons" who are engaged in "investment activities in Iran" (both are defined terms in the law) (the "Prohibited Entities List"). Pursuant to SFL § 165-a(3)(b), the initial list is expected to be issued no later than 120 days after the Act's effective date at which time it will be posted on the OGS website.

By submitting a bid in response to this solicitation or by assuming the responsibility of a Contract awarded hereunder, each Bidder/Contractor, any person signing on behalf of any Bidder/Contractor and any assignee or subcontractor and, in the case of a joint bid, each party thereto, certifies, under penalty of perjury, that once the Prohibited Entities List is posted on the OGS website, that to the best of its knowledge and belief, that each Bidder/Contractor and any subcontractor or assignee is not identified on the Prohibited Entities List created pursuant to SFL § 165-a(3)(b).

Additionally, Bidder/Contractor is advised that once the Prohibited Entities List is posted on the OGS Website, any Bidder/Contractor seeking to renew or extend a Contract or assume the responsibility of a Contract awarded in response to this solicitation must certify at the time the Contract is renewed, extended or assigned that it is not included on the Prohibited Entities List.

During the term of the Contract, should the County receive information that a Bidder/Contractor is in violation of the above-referenced certification, the County will offer the person or entity an opportunity to respond. If the person or entity fails to demonstrate that he/she/it has ceased engagement in the investment which is in violation of the Act within 90 days after the determination of such violation, then the County shall take such action as may be appropriate including, but not limited to, imposing sanctions, seeking compliance, recovering damages or declaring the Bidder/Contractor in default.

The County reserves the right to reject any bid or request for assignment for a Bidder/Contractor that appears on the Prohibited Entities List prior to the award of a contract and to pursue a responsibility review with respect to any Bidder/Contractor that is awarded a contract and subsequently appears on the Prohibited Entities List.

Michael Belmont being duly sworn, deposes and says that he/she is the Director of Operations of the Hegressive Energy

Corporation and that neither the Bidder/Contractor nor any proposed subcontractor is identified on the Prohibited Entities List.

SIGNED

SWORN to before me this

JOSSELINE M CORNIEL NOTARY PUBLIC-STATE OF NEW YORK No. 01CO6358543 Qualified in New York County Notary Public: My Commission Expires 05-08-2021

COUNTY OF PUTNAM - PURCHASING

40 Gleneida Ave.-1st Floor-Room 105, Carmel, NY 10512 TELEPHONE: 845-808-1088

TITLE: FIRM ELECTRIC SUPPLY

BID NUMBER: RFB-17-18

ATTACHMENT "A" PUTNAM COUNTY VENDOR RESPONSIBILITY QUESTIONNAIRE

1. VENDOR IS:					
2. VENDOR'S LEGAL BUSINESS NAME Aggnessire Energy LLC.		a) FEIN # 80 ° (3. IDENTIFICATION NUMBERS a) FEIN # 80 - 0457501 b) DUNS # 831 - 479 154		
4. D/B/A – Doing Business As (if applicable) & COUNTY FIELD:			5. WEBSITE ADDRESS (if applicable) Aggressive Energy . Com		
6. ADDRESS OF PRIMARY PLACE C 51 Hamiton A		7. TELEPHONE NUMBER	8. FAX NUMBER		
9. ADDRESS OF PRIMARY PLACE C IN NEW YORK STATE, if different fro		CE 10. TELEPHONE NUMBER	11. FAX NUMBER		
Name Michael Belm Title Director of Op Telephone Number 918-836 - Fax Number e-mail <u>M Belmont</u> 13. LIST ALL OF THE VENDOR'S PR	erations 9222 Aggnessiveny. Co	ฑ			
a) NAME Bill Jehaily	TITLE Owner	b) NAME	TITLE		
c) NAME	TITLE	d) NAME	TITLE		
TO THE COMPLETED OUESTIONNA	ARE YOU MUST PROVIDE AL	ANSWERED WITH A "YES," AND MUS DEQUATE DETAILS OR DOCUMENTS EACH RESPONSE TO MATCH THE QU	T BE PROVIDED AS AN ATTACHMENT S TO AID THE COUNTY IN MAKING A JESTION NUMBER.		
NAME FEIN or D/B/A OTHER	THAN THOSE LISTED IN ITEMS fication Number(s) or any D/B/A nar	(5) YEARS, ANY OTHER BUSINESS 2-4 ABOVE? List all other business mes and the dates that these names or	□Yes ⊠'No		
TO THE VENDOR, INCLUDING PAST ONE (1) YEARS HAVE SI a) An elected or appointed pul	FRICIPAL OWNERS AND OFFIC ERVED AS: plic official or officer?	ERIAL OR CONSULTING CAPACITY CERS, WHO NOW SERVE OR IN THE nization and position elected or appointed	□Yes ⊠No		
b) An officer of any political p	arty organization in Putnam County,	, whether paid or unpaid?	Yes 🕅 No		

Any alterations to this document made by the Offeror may be grounds for rejection of the proposal, cancellation of any subsequent award, or any legal remedies available to the County of Putnam.

PAGE: 25

		COUNTY OF PUTNAM - PURC 40 Gleneida Ave1 st Floor-Room 105, Ca TELEPHONE; 845-808-104	rmel, NY 10512	2		PAGE: 20
TITLI	TITLE: FIRM ELECTRIC SUPPLY BID NUMBER: RFB-17					
-		List each individuals name, business title or consulting capacity and the official poli with applicable service dates.	tical position held			
	OR C OR M SHAF	IIN THE PAST (5) YEARS, HAS THE VENDOR, ANY INDIVIDUALS SERVING IP ONSULTING CAPACITY, PRINCIPAL OWNERS, OFFICERS, MAJOR STOCKHO IORE OF THE VOTING SHARES FOR PUBLICLY TRADED COMPANIES, 25% O RES FOR ALL OTHER COMPANIES), AFFLITIATE OR ANY PERSON INVOLVED ING OR CONTRACTING PROCESS:	LDER(S) (10% R MORE OF THE	ē		
	a)	 been suspended, debarred or terminated by a local, state or federal authority in cor contract or contracting process; 	nnection with a	Yes	No No	
		2. been disqualified for cause as a bidder on any permit, license, concession franchise	e or lease;			
		3. entered into an agreement to a voluntary exclusion from bidding/contracting;				
		 had a bid rejected on an Putnam County contract for failure to comply with the Ma Employment Principles; 	acBride Fair			
		 had a low bid rejected on a local, state or federal contract for failure to meet statute action or M/WBE requirements on a previously held contract; 				
		 had status as a Women's Business Enterprise, Minority Business Enterprise or Dis Business Enterprise, de-certified, revoked or forfeited; 				
		 been subject to an administrative proceeding or civil action seeking specific perfor restitution in connection with any local, state or federal government contract; 				
		 been denied an award of a local, state or federal government contract, had a contra had a contract terminated for non-responsibility; or 				
		had a local, state or federal government contract suspended or terminated for cause completion of the term of the contract.	prior to the			
	b)	been indicted, convicted, received a judgment against them or a grant of immunity fo related conduct constituting a crime under local, state or federal law including but not extortion, bribery, racketeering, price-fixing, bid collusion or any crime related to true business conduct?	t limited to, fraud	☐ Yes	No No	
	c)	been issued a citation, notice, violation order, or are pending an administrative hearing determination of violations of:	or proceeding or	□ Yes	12 No	
		1. federal, state or local health laws, rules or regulations.			2110	
J A Iu	UDGN AGEN ndicat	e if this is applicable to the submitting vendor or affiliate. State whether the situation(s)	ERNMENTAL	🗌 Yes	D No	11
jı a	udgme	ent, injunction, lien or other with an explanation. Provide the name(s) and address(es) of t of the original obligation and outstanding balance. If any of these items are open, unsa us of each item as "open" or "unsatisfied."	f the agency, the			
8. C	DURIN	G THE PAST THREE (3) YEARS, HAS THE VENDOR FAILED TO:				
	a) file returns or pay any applicable federal, state or city taxes? Identify the taxing jurisdiction, type of tax, liability year(s), and tax liability amount the vendor failed to file/pay and the current status of the liability.		🗌 Yes			
	b) file returns or pay New York State unemployment insurance? Indicate the years the vendor failed to file/pay the insurance and the current status of the liability.		🗌 Yes	1		
	c) Property Tax Indicate the years the vendor failed to file.		☐ Yes	D No		
IT B R	TS AF	ANY BANKRUPTCY PROCEEDINGS BEEN INITIATED BY OR AGAINST THE Y FILIATES I WITHIN THE PAST SEVEN (7) YEARS (WHETHER OR NOT CLOSE RUPTCY PROCEEDING PENDING BY OR AGAINST THE VENDOR OR ITS AFF RDLESS OR THE DATE OF FILING? e if this is applicable to the submitting vendor or affiliate. If it is an affiliate, include the	D) OR IS ANY ILIATES	☐ Yes	No	

	40 Gleneida Ave1	DF PUTNAM - PURCHASING st Floor-Room 105, Carmel, NY 1051 EPHONE: 845-808-1088	2	PAGE: 27
тіт	LE: FIRM ELECTRIC SUPPLY	BID NUMBER: RFB-17	′-18	
	and FEIN. Provide the court name, address and docket number. remain pending or have been closed. If closed, provide the date	Indicate if the proceedings have been initiated, closed.		
20. IS THE VENDOR CURRENTLY INSOLVENT, OR DOES VENDOR CURRENTLY HAVE REASON TO BELIEVE THAT AN INVOLUNTARY BANKRUPTCY PROCEEDING MAY BE BROUGHT AGAINST IT? Provide financial information to support the vendor's current position, for example, Current Ration, Debt Ration, Age of Accounts Payable, Cash Flow and any documents that will provide the agency with an understanding of the vendor's situation.				Ø∕N₀
21	IN THE PAST FIVE (5) YEARS, HAS THE VENDOR OR AN a) defaulted or been terminated on, or had its surety called up awarded;		🗌 Yes	D No
	Indicate if this is applicable to the submitting vendor or affiliate, negative action, any corrective action taken by the vendor and th	Detail the situation(s) that gave rise to the e name of the contracting agency.		

1 "Affiliate" meaning: (a) any entity in which the vendor owns more than 50% of the voting stock; (b) any individual, entity or group of principal owners or officers who own more than 50% of the voting stock of the vendor; or (c) any entity whose voting stock is more than 50% owned by the same individual, entity or group described in clause (b). In addition, if a vendor owns less than 50% of the voting stock of another entity, but directs or has the right to direct such entity's daily operations, that entity will be an "affiliate" for purposes of this questionnaire.

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COUNTY OF PUTNAM - PURCHASING 40 Gleneida Ave.-1st Floor-Room 105, Carmel, NY 10512 TELEPHONE: 845-808-1088

TITLE: FIRM ELECTRIC SUPPLY

BID NUMBER: RFB-17-18

PUTNAM COUNTY VENDOR RESPONSIBILITY QUESTIONNAIRE FEIN # 80-0457501

State of: New York) County of: Kings

CERTIFICATION:

The undersigned: recognizes that this questionnaire is submitted for the express purpose of assisting the County of Putnam in making a determination regarding an award of contract or approval of a subcontract; acknowledges that the County may in its discretion, by means which it may choose, verify the truth and accuracy of all statements made herein; acknowledges that intentional submission of false or misleading information may constitute a felony under Penal Law Section 210.40 or a misdemeanor under Penal Law Section 210.35 or Section 210.45, and may also be punishable by a fine and/or imprisonment of up to five years under 18 USC Section 1001 and may result in contract termination; and states that the information submitted in this questionnaire and any attached pages is true, accurate and complete.

The undersigned certifies that he/she:

- Has not altered the content of the questions in the questionnaire in any manner; .
- Has read and understands all of the items contained in the questionnaire and any pages attached by the submitting vendor;
- Has supplied full and complete responses to each item therein to the best of his/her knowledge, information ad belief; .
- Is knowledgeable about the submitting vendor's business and operations; .
- Understands that Putnam County will rely on the information supplied in the questionnaire when entering into a contract . with the vendor;
- Is under duty to notify the Putnam County Purchasing Division of any material changes to the vendor's responses. .

Name of Business Magnessin Energy Signature of Owner Printed Name of Signatory Michael Belmont SI Ham Iton Avenue Address Brookly NY 11231 Title Director of Openations City, State, Zip

Sworn before me this Notary Public

JOSSELINE M CORNIEL NOTARY PUBLIC-STATE OF NEW YORK No. 01CO6358543 Qualified in New York County My Commission Expires 05-08-2021

ichael Belmont Printed Signature Date

Upon receipt of all approvals a Contract shall be deemed executed and created with the successful Bidder(s) upon the County's mailing or electronic communication to the address on the bid of: ii) a fully executed contract; or iii) a Purchase Order authorized by the County

Print Name:

Michael Belmont Name of person responsible for this solicitation

By signing this solicitation, I acknowledge that I have downloaded, read, and accept Appendix A-General Terms and Conditions for this solicitation

718-836-9222

Signature:

Email Address:

MBelmont@ Agoresive.ny. com

Direct Phone Number:

Fax Number:

I acknowledge the receipt of addendums

Date:

5/30/2018

RFB 17-18 FIRM ELECTRIC SUPPLY

BID PROPOSAL PAGE FOR FIRM ELECTRICITY – FACILITIES ONLY.

AGGREGATE FIXED ELECTRIC RATE OFFER:

12 MONTH TERM \$____05882 kWh

24 MONTH TERM \$. 05961 kWh

36 MONTH TERM \$. 06091 kWh

PLEASE NOTE: Do not leave any requested pricing term blank. If you elect not to offer a certain term, please write "no bid."

BID PROPOSAL PAGE FOR FIRM ELECTRICITY – STREET LIGHTS ONLY

AGGREGATE FIXED ELECTRIC RATE OFFER:

12 MONTH TERM \$. 05471 kWh

24 MONTH TERM \$_____05468 kWh

36 MONTH TERM \$. 05541 kWh

PLEASE NOTE: Do not leave any requested pricing term blank. If you elect not to offer a certain term, please write "no bid."

From: Warren Lucas Sent: Friday, May 11, 2018 12:45 PM To: 'David Buchwald'; 'Matthew Slater'; 'Donat, Joseph'; terrencemurphy5@gmail.com; 'Brian Hegt'; 'Chuck Lesnick' Cc: Mary Ellen Odell; Latimer, George; Nancy Seligson (supervisor@townofmamaroneck.org); 'Rick Morissey'; 'thay@southeastny.gov'; Jenkins, Kenneth; 'Marcia Bystryn'; 'Ken Freeston' Subject: Town Resolutions requesting the DEC to strengthen gas pipeline regulations.

I wanted to give you a heads up that three Towns have passed this resolution this week; Somers, North Salem and Southeast. I have included the resolutions from North Salem and Southeast and I will have Somers certified copy later today. I expect to get more in few weeks; Yorktown, Cortlandt and Stony Point. I will start asking other municipalities who are not in direct line of the Enbridge pipeline to weight in. These will go to the DEC and Governor's office once the paperwork is together. Your help and support is appreciated.

N.Y.S. has to lead with new gas pipeline regulations. Venting gases directly to the atmosphere via scheduled and unscheduled BLOWDOWN's is not proper nor safe for our constituents. It's definitely not the way to run a 21st century pipeline.

I have included a letter North Salem sent to Congressman Maloney. His office was helpful in getting us on the permanent notification list of future blowdowns but technology exists such that these are not required at all. The letter also outlines our recent issues with our School in the April Blowdown at "Valve 18". I have met with school personnel and parents who are upset to say the least about the blowdowns.

Capturing the gas just costs more than venting and regulations are required to stop it. Dumping tons of Benzene and Toluene into the atmosphere (DEC's numbers at one location) with no apparent regard for the residents in the area is not proper. As I told the Journal News today.... You wouldn't be doing this with oil pipelines, why with gas pipelines? The pipeline at one location near our Town released 24 million cubic feet of gas in 2016. Most of that was methane a serious greenhouse gas which is 85 times more potent than CO2. The other contaminants are tons of VOC's and specific carcinogenic compounds. N.Y.S. has to lead.

We are asking the DEC to start improving regulations. Our requests are detailed in the resolution. Thank you.

Sincerely,

Warren J. Lucas Supervisor, Town of North Salem 266 Titicus Road North Salem, NY 10560 (914) 669 5110 work (914) 261 2636 cell www.northsalemny.org<http://www.northsalemny.org/>

From: Tony Hay [mailto:tonyhayusmc@gmail.com] Sent: Friday, May 11, 2018 11:19 AM To: Warren Lucas; Suzannah Glidden Subject: Fwd: Message from KM_C654e

A copy of

RESOLUTION NO. 29 / 2018 REGARDING THE CONTENT OF AIR EMISSIONS REGULATIONS TO BE DEVELOPED BY THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION AFFECTING NATURAL GAS INFRASTRUCTURE FACILITIES

Thank you. Tony

----- Forwarded message ------From: <admin@southeast-ny.gov<mailto:admin@southeast-ny.gov>>

Date: 2018-05-11 11:22 GMT-04:00 Subject: Message from KM_C654e To: thay@southeast-ny.gov<mailto:thay@southeast-ny.gov>

ware, where

Tony Hay

Supervisor, Town of Southeast

1360 Route 22, Brewster, NY 10509

RESOLUTION REGARDING THE CONTENT OF AIR EMISSIONS REGULATIONS TO BE DEVELOPED BY THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION AFFECTING NATURAL GAS INFRASTRUCTURE FACILITIES

1 15

Whereas, the ______ (Village Trustees/Town Board/City Council/County Legislature) has a principal responsibility to protect the health and safety of its residents, businesses and institutions; and

Whereas, the people and environment of New York have been increasingly subjected to a build-out of natural gas infrastructure, including but not limited to pipelines and distribution networks, compressor stations, power plants, combustion heating systems, metering and regulation stations, and pigging stations; and

Whereas, peer-reviewed scientific studies^{1,2} link exposure between air pollutants emitted from natural gas infrastructure facilities and neurological, cardiovascular and respiratory disease, cancer, birth defects, and other adverse health impacts. Acute health impacts from these toxic exposures can cause burning eyes, headaches, breathing difficulty and nausea for nearby populations and can exacerbate health problems. Chronic health impacts can include certain types of cancer as well as damage to lungs, liver, kidneys, reproductive, nervous and cardiovascular systems; and

Whereas, the American Medical Association and the Medical Society of the State of New York acknowledge the hazards of natural gas infrastructure and associated adverse health impacts and passed resolutions in 2015 calling for Health Impact Assessments (HIAs); and

Whereas, the National Ambient Air Quality Standards (NAAQS) are based on average population risks across a large area over a long period of time but do not adequately address human toxicity for residents living in close proximity to natural gas infrastructure or where they are subject to episodic high exposures during events such as blowdowns; and

Whereas, current protocols used for assessing compliance with ambient air quality standards do not adequately determine intensity, frequency or durations of actual human exposures to pollutants and mixtures of pollutants emitted from natural gas infrastructure, noting that periodic 24-hour average measures can underestimate actual exposures by an order of magnitude; and

Whereas, gas infrastructure facilities can emit into the air annually hundreds of tons of pollutants including toxic chemicals and criteria pollutants, some of which are known

¹ PSR/CHPNY Compendium 5th Edition (March 2018): <u>http://concernedhealthny.org/wp-content/uploads/2018/03/Fracking Science Compendium 5FINAL.pdf</u> ² PSE for Hoolby Energy Densellers for Older to Compendium 5FINAL.pdf

² PSE for Healthy Energy Repository for Oil and Gas Energy Research: <u>https://www.psehealthyenergy.org/our-work/shale-gas-research-library/</u>

carcinogens like benzene and formaldehyde, and can also be sources of radioactive contamination³; and

Whereas, people who live or work in close proximity to natural gas infrastructure facilities such as compressor stations are most at risk—particularly developing fetuses, children, the elderly, and those with cardiovascular, lung or respiratory problems and other vulnerable subpopulations, although under certain weather and terrain conditions, these pollutants can have a wider impact; and

Whereas, developing fetuses and children are uniquely vulnerable to exposures as they receive proportionally greater doses of pollutants than adults and have immature organs and detoxification systems⁴; and

Whereas, methane is an extremely potent greenhouse gas with a global warming potential that is 34 times that of carbon dioxide over a 100-year timeframe and 86 times that of carbon dioxide over a 20-year timeframe; and

Whereas, methane is the primary ingredient of natural gas and leaks at every system stage, including extraction, processing, transmission, distribution, and end-use consumption; and

Whereas, the NYS Department of Environmental Conservation (DEC) regulations do not currently require Best Available Control Technology (BACT) or Lowest Achievable Emissions Rate (LAER) technology for facilities that are not designated under federal Title V requirements or are not located within non-attainment areas, although such requirements could substantially reduce hazardous air emissions; and

Whereas, the DEC does not require the use of emission control technologies for all gas infrastructure facilities that would provide a floor of protection and could significantly reduce emissions, even when such technology has become standard practice within the industry or is readily available; and

Whereas, the DEC does not require continuous air monitoring of pollutants or methane in real time for gas infrastructure facilities, even though the technology to do so is now readily available, nor does the DEC require that such data be made available to public; and

Whereas, the DEC determines compliance with regulatory requirements and permit conditions through self-reporting by the industry without independent verification; and

Whereas, the DEC does not require rigorous inspection of gas infrastructure facilities to detect and eliminate natural gas leakage at gas infrastructure facilities; and

Whereas, the DEC lacks requirements for advanced notification of all planned blowdowns or other chemical releases, and for notification immediately following all unplanned

³ Environmental Health Project Report, October 2017: Health Effects Associated with Stack Chemical Emissions from NYS Compressor Stations: 2008-2014: <u>http://www.environmentalhealthproject-ny.org/</u>

⁴ Reducing the staggering costs of environmental disease in children, estimated at \$76.6 billion in 2008, Trasande, L, et al, Health Affairs, May 2011: <u>https://www.ncbi.nlm.nih.gov/pubmed/21543421</u>

blowdowns or other chemical releases in order for residents, public officials and first responders to take prompt emergency action; and

Whereas, the DEC exempts many emission sources that exist at gas infrastructure sites from regulation requirements and lacks adequate regulatory requirements for non-combustion emission sources; and

Whereas, the DEC does not require a sufficiently protective set of best management practices for gas infrastructure facilities to ensure protection of public health, safety, and the environment; and

Whereas, the DEC does not require the timely replacement or retrofit of technology and the update of site practices for existing gas infrastructure facilities to ensure appropriate consistency with requirements for new projects and adherence to current best management practices; and

Whereas, the U.S. Environmental Protection Agency hosts a voluntary Natural Gas Star program for partner companies to implement technologies and practices for the reduction of methane emissions and document results; and

Whereas, the DEC's State Environmental Quality Review (SEQR) process for gas infrastructure projects does not adequately address greenhouse gases and climate impacts; and

Whereas, the DEC has announced that it intends to rewrite or revise oil and gas regulations, which can be more stringent than federal requirements;

Therefore, be it resolved that the ______ (Village Trustees/Town Board/City Council/County Legislature), in the interest of protecting its residents, businesses and institutions, strongly urges the NYS Department of Environmental Conservation (DEC) to adopt the following regulatory requirements:

- Installation and use of Lowest Achievable Emissions Rate (LAER) technology at all new and existing gas infrastructure facilities that emit pollutants into the environment, including those not designated under federal Title V requirements or not located within non-attainment areas;
- 2. Inclusion of non-combustion emission sources and emission sources currently considered "exempt" within the DEC regulatory framework; and
- 3. Installation and use of specific emission control technology, identified through the federal National Gas Star Program and elsewhere, including but not limited to:
 - Dry seals on all centrifugal compressors
 - Automatic air to fuel ratio (AFR) controls
 - Oxidation catalysts and selective catalytic reduction (SCR) on exhaust stacks

- Vapor recovery technology for reciprocating compressors, storage tanks, and other sources of fugitive or vented emissions
- Static seals on reciprocating compressor rods
- Dry low-NOx burners (DLNB)
- Low emission combustion (LEC)
- SCONOx or equivalent technology
- Zero-emission dehydrators and similar closed-system technology to avoid venting of gas
- Electric or compressed air starters
- Electric or compressed air actuators instead of gas-operated pneumatic actuators
- Post-combustion particulate matter controls such as electrostatic precipitators, baghouses, and scrubbers
- Interior and exterior corrosion protection, such as plastic enamel sprays
- Electric motor compressors where applicable; and
- 4. Implementation of practices, identified through the National Gas Star program and elsewhere, to reduce natural gas leakage and blowdowns, including but not limited to maintaining compressors at pipeline pressure, redirecting blowdown gas to lowerpressure lines, cap testing, use of inert gases at pigging stations, and more aggressive maintenance of packing rings and compressor rods than required by existing regulations; and
- 5. Installation and use of air monitoring equipment at the stack, fence line, and within nearby communities to provide continuous monitoring of pollutants including toxic chemicals, criteria pollutants, ultra-fine particulate matter, individual VOCs, as well as methane in real time for all gas infrastructure facilities, with such data made readily available to the public, such as by online access; and
- 6. Onsite verification of compliance with regulatory requirements and permit conditions by independent registered inspectors through scheduled and random visits; and
- 7. Rigorous quarterly inspection by independent registered personnel with regular reports submitted to the DEC and made available to the public to detect and ensure timely elimination of natural gas leaks at gas infrastructure facilities using the comprehensive detection methods such as aerial and ground-level laser methane assessment, organic vapor analyzers (OVAs), toxic vapor analyzers (TVAs), sorbent tubes, SUMMA canisters, infrared cameras, as well as real-time monitoring with Fourier Transform Infrared (FTIR) spectroscopy and other remote sensing along pipelines; and
- 8. 48-hour or greater advanced notification to any Village Trustees/Town Board/City Council/County Legislature requesting it of all planned blowdowns, regardless of size, and other chemical releases; notification within 30 minutes of all unplanned blowdowns, regardless of size, and other chemical releases at all gas infrastructure facilities; and suspension of planned blowdowns or other chemical releases when weather conditions would increase exposure to air pollutants; and

- Timely replacement or retrofit of technology and update of site practices for existing gas infrastructure facilities to ensure compliance with current regulatory requirements and best management practices; and
- 10. Chain of custody records and tracking for all industrial waste removed from gas infrastructure facilities, and
- 11. Strict enforcement of all best management practices and protocols for gas infrastructure facilities to ensure protection of public health, safety, and the environment; and

Be it further resolved, that the DEC, in cooperation with the NYS Department of Health (DOH), should promulgate more stringent performance requirements, including but not limited to the regulated levels of criteria pollutants, to address deficiencies in NAAQS which fail to consider human toxicity in populations proximate to gas infrastructure facilities, and any other deficiencies affecting public health, safety, or environmental protection; and

Be it further resolved, that the DOH in cooperation with the DEC should require and oversee a comprehensive, independent Health Impact Assessment (HIA) as outlined by the Centers for Disease Control and the National Academy of Sciences, incorporating the latest peer reviewed science, to be conducted by an independent public health entity and include cumulative short and long-term, direct and indirect impacts from all natural gas infrastructure components, emissions from operations including blowdowns, leaks, and spills, and a thorough analysis of the chemical emissions and radioactive contaminants, as well as their concentrations, persistence, and dispersion; and that a health registry should be established and maintained with all data available to the public; and

Be it further resolved, that the DEC should develop State Environmental Quality Review (SEQR) guidance to ensure that state agencies adequately address all cumulative impacts including but not limited to greenhouse gases and climate change during environmental reviews for gas infrastructure projects; and

Be it further resolved, that the ______ (Village Trustees/Town Board/City Council/County Legislature) Clerk shall forward this Resolution to the Governor of New York State, Commissioner of the NYS Department of Environmental Conservation, Commissioner of the NYS Department of Health, and local State Assembly Member and State Senator.



Work Session Agenda Item #3

TOWN OF CARMEL RECREATION & PARKS DEPARTMENT SYCAMORE PARK, 790 LONG POND ROAD MAHOPAC, NEW YORK 10541

JAMES R. GILCHRIST, CPRP, DIRECTOR

TELEPHONE: (845) 628-7888 FAX: (845) 628-2820 EMAIL: carmelrecreation@ci.carmel.ny.us WEB: http://www.carmelny.org

DATE: June 7, 2018

- TO: Carmel Town Board Carmel Town Hall
- FROM: James R. Gilchrist, CPRP Director, Recreation and Parks

SUBJECT: Friends of Recovery Serenity Space at Chamber Park

Attached is an outline of the Serenity Space project submitted for review at last night's Recreation and Parks Advisory Committee Meeting. This idea was reviewed and approved by all members unanimously.

Please add this to the next Town Board meeting agenda and contact me with any questions.

/nls Attachment

Eagle Scout Mario Termine Volz Trail Restoration



Chamber Park Picnic Table Proposal:

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The Friends of Recovery (FOR Recovery) proposes to donate a "recovery" picnic table to the Mahopac Chamber Park. The Mission of The Friends of Recovery is to promote the positive impact of addiction recovery in the community and the lives of individuals and families affected by the disease of addiction. We work to foster a safe and supportive environment for providing peer-centered education, enrichment and engagement. Our programs, services, and partnerships will open pathways for recovery by removing social barriers and creating opportunities for those seeking and maintaining recovery.

One of the ways in which the Putnam Chapter of FOR Recovery would like to foster this mission is to offer those in recovery an opportunity to utilize a safe and supportive space that can be used for contemplation or step work with their peers; A picnic table in a quiet area of the peaceful and serene Chamber Park provides the perfect milieu for such an offer. We have surveyed Chamber Park and believe we have found the ideal location for the table on the outside perimeter of the park behind the gazebo just on the other side of the boat dock connected to the home behind the park. There is a large rock already in the ground next to where the table will stand. On the rock, we would place a plaque with the "Serenity Prayer" (see attached). Around the table, we will create our own low maintenance rock garden modeled on the Kindness Rocks project (<u>http://thekindnessrocksproject.com/home</u>). Those from FOR Recovery as well as anyone from the community can drop a rock with an inspirational quote or positive message that would be appropriate for the entire community and not limited to those in recovery.

The table, including assembly and mounting hardware as well as installation into cement and all necessary materials will be donated to FOR Recovery by Lauren Privitera and the Montuoro family in memory of her son, Nicholas Privitera. A plaque in memory of Nicholas will be mounted to the picnic table. The table is made of 100% recycled UV-protected plastic won't rot, splinter or crack. Withstands harsh weather. Natural-looking wood material never needs sanding, sealing, painting or staining. Durable 2" thick planks predrilled for easy assembly.



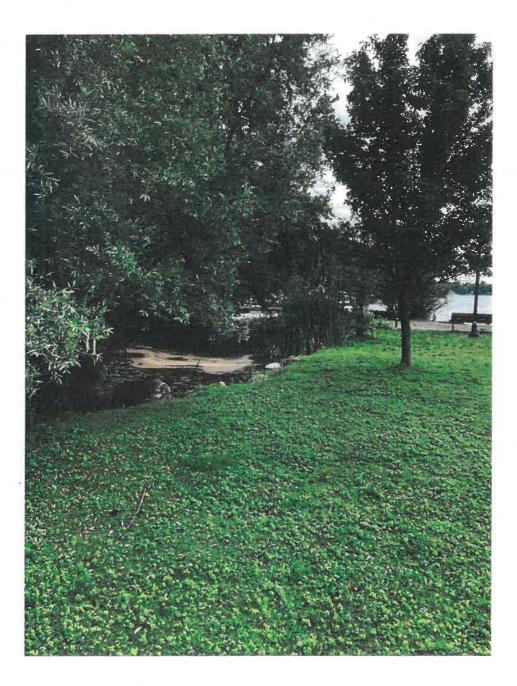
Specs: 6' A-Frame

L x W x H 72 x 61 x 30 - 260 lbs

Location: Chamber Park

The picnic table and rock area, which requires low or no maintenance, will be maintained by the Putnam chapter of FOR Putnam. The table and plaque will be installed by Robert Montuoro. The plaque will be routed into the table top so it is flush with the surface and epoxy will be used to secure it. The table will be secured so it is not moved or stolen. Robert will pour concrete footing and use U-bolts to secure the table.

We plan to have a ribbon cutting at this year's International Overdose Awareness event on 8/31.



4 . . .

God grant me the serenity to accept the things I cannot change; courage to change the things I can; and wisdom to know the difference. 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: June 5, 2018

Re: NYSEG LED Street Lighting Program

New York State Electric and Gas (NYSEG), as identified in the attached email, has introduced a program to convert existing cobra head streetlights in the Town of Carmel (Town) to light-emitting diode (LED) streetlights. The Town is required to pay the unexpired life cost of the existing lights and NYSEG would still own and maintain the streetlights. The Board should note that the program is being offered only for service class 3 lights, service class 2 lights, which are those owned by the Town and are decorative lights, are not eligible for the program at this time.

The proposed LED Light Conversion will convert 1,078 of the Town's 1,126 lights. The average unexpired life cost for each light is cost of \$38.94 with a total cost for the conversion of \$41,977.24. The remaining 48 lights are Service Class 2 and are not currently eligible for this program at this time. The following table provides a summary of the costs for the Town's five (5) lighting districts and those lights for the Town.

Light District	Account	Number of lights in District	Number of Lights being converted	Cost (\$38.94/light)
Carmel	137	188	180	\$7,009.20
Mahopac	194	816	806	\$31,385.64
Country Hill	210	20	2	\$77.88
Croton Falls	244	28	28	\$1,090.32
Lake Macgregor	399	12	0	\$0.00
Undefined - Town of Carmel	433	62	62	\$2,414.20
Total		1,126	1,078	\$41,977.24

The Board should note that NYSEG has provided the attached cost saving summary. Based on the current attached LED tariff the Town would save approximately \$12,000 a year on the NYSEG lamp costs and another ~ \$17,000 a year on NYSEG Delivery charges. In addition, the Town would save ~593,000 kWh per year which if the Town pays the ESCo ~ \$0.05 per kWh, this 593, 000 kW equates to ~\$29,000

in additional ESCo energy savings. The estimated NYSEG savings does not include SBC and Transition charges which are typically subject to change

The Town will need to write a letter requesting to move forward with converting the streetlights over to LED which states the Town is in agreement with paying the unexpired light cost. NYSEG will place the Town on the docket to move forward with this conversion and a schedule for replacement will be provided at a later date. As we move forward the Town will have the option to choose the wattage and LED color for every light.

This Department spoke with the Town of Carmel Comptroller and per the attached there are sufficient funds in the lighting district fund balances for this project.

This Department requests that the Town Board authorize moving forward with the proposed streetlight conversion.

Good morning,

Thank you for contacting NYSEG regarding your interest in converting the streetlights in the Town of Carmel to LED streetlights. To exchange the existing cobrahead streetlights over to LED streetlights, the Town would be required to pay the unexpired life cost of the existing lights. I have submitted a request to our corporate marketing group to have that figure calculated for you. Once I receive the information, I will forward it along. NYSEG would still own and maintain the streetlights. Only the service class 3 lights are eligible for the program. I see that the Town of Carmel has some service class 2 accounts which are streetlights that are owned by the Town. These lights are not eligible for the program at this time.

I have provided a link below to our tariff with additional cost information so you can view and determine the savings as well as a pdf attachment to this email. Please note, NYSEG is in the process of working out some additional regulatory issues regarding the wattages that will be available. Technology has improved since we originally filed the tariff and we are awaiting approval on some additional wattages.

http://www.nyseg.com/MediaLibrary/2/5/Content%20Management/NYSEG/SuppliersPartners/PDFs%20and%20Docs/PSC121ServiceClassification_3.pdf

Once the unexpired life cost is provided, if the Town would like to proceed with the conversion, please submit a written request on Town letterhead along with a statement that the Town is in agreement with the cost.

Please don't hesitate to contact me with any questions. Please find my contact information below.

Have a good afternoon.

Sincerely,

Rosie Ray NYSEG Marketing



Rosemarie Ray Analyst Key Account Management Marketing and Sales

4225 Old Vestal Rd, P.O. Box 3607 Vestal, NY 13902-3607

Email: <u>rosemarie.ray@nyseg.com</u> Phone: (585) 484-6135 Cell: (607) 201-5729 Fax: (585) 484-6200

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From: Abels, Kathleen Sent: Thursday, April 19, 2018 10:40 AM To: Ray, Rosemarie Cc: Richard J. Franzetti Subject: LED St Lighting - Town of Carmel

Hi, Rosie,

This morning I received an inquiry from Rich Franzetti, the Town Engineer for the Town of Carmel, regarding about NYSEG's new LED street

lighting program.

I have copied Rich herein and below is his contact information.



Will you please provide Rich with information about our LED programs?

Thanks.



Kathleen Abels

Manager - Community Outreach & Development Brewster Division

35 Milan Road, Brewster, NY 10509

Telephone (585) 484-2213 Cellular (845) 224-9362

kdabels@nyseg.com



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From:	Ray, Rosemarie
To:	Franzetti, Richard
Subject:	RE: LED St Lighting - Town of Carmel
Date:	Friday, May 11, 2018 2:30:09 PM
Attachments:	image002.png
	Town of Carmel LED Comparison 2.xlsx

Good morning Rich,

I apologize in the delay of getting this information to you.

The following is my estimated annual savings if you were to convert the ±1000 cobra head streetlights over to LED.

The Town would save approximately \$12,000 a year on the NYSEG lamp costs and another ~ \$17,000 a year on NYSEG Delivery charges.

In addition, the Town would save ~593,000 kWh per year. If you pay your ESCo ~ \$0.05 per kWh, this 593,000 equates to ~\$29,000 in additional ESCo energy savings.

This analysis is based on the current LED wattages in our tariff. The Town will have the option to choose the wattage light they want for every light and this will determine the exact savings. Due to technology improvements, additional wattages may become available with different rates which will affect your savings. The estimated NYSEG savings does not include SBC and Transition charges which are typically subject to change.

Have a great weekend.

Rosie

From: Franzetti,Richard [mailto:rjf@ci.carmel.ny.us] Sent: Friday, April 20, 2018 11:07 AM To: Ray, Rosemarie Subject: RE: LED St Lighting - Town of Carmel

Thanks, I will have to let the Town Board know about this and seek there permission to move forward.

As part of the break down, is the cost of ±\$41K for the ±1000 lights a cost of \$38.94 per light or does each light have a separate cost? If the latter is true, for the service class 3 accounts, can we have a breakdown as to where they are as the Town has five (5) lighting districts and costs would have to applied accordingly?

Also how many class 2 lights do we have that will be unable to be converted?

Thanks

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 rjf@ci.carmel.ny.us

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From: Ray, Rosemarie [mailto:Rosemarie.Ray@nyseg.com] Sent: Friday, April 20, 2018 10:47 AM To: Franzetti,Richard Subject: RE: LED St Lighting - Town of Carmel

Good morning,

The unexpired life cost to convert the cobrahead streetlights over to LED in the Town of Carmel is \$41,431.68 for 1,064 cobrahead lights. If the Town would like to proceed with the conversion, please submit a written request on Town letterhead along with a statement that the Town is in agreement with the cost.

Let me know if you have any questions.

Have a great weekend.

Rosie

From: Franzetti,Richard [mailto:rjf@ci.carmel.ny.us] Sent: Thursday, April 19, 2018 3:49 PM To: Ray, Rosemarie Cz: Abels, Kathleen Subject: RE: LED St Lighting - Town of Carmel

Thanks

The looks forward to hearing back from you. Have a great day,

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 rjf@ci.carmel.ny.us

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From: Ray, Rosemarie [mailto:Rosemarie.Ray@nyseg.com] Sent: Thursday, April 19, 2018 11:06 AM To: Franzetti,Richard Cc: Abels, Kathleen Subject: RE: LED St Lighting - Town of Carmel

Good morning,

Thank you for contacting NYSEG regarding your interest in converting the streetlights in the Town of Carmel to LED streetlights. To exchange the existing cobrahead streetlights over to LED streetlights, the Town would be required to pay the unexpired life cost of the existing lights. I have submitted a request to our corporate marketing group to have that figure calculated for you. Once I receive the information, I will forward it along. NYSEG would still own and maintain the streetlights. Only the service class 3 lights are eligible for the program. I see that the Town of Carmel has some service class 2 accounts which are streetlights that are owned by the Town. These lights are not eligible for the program at this time.

I have provided a link below to our tariff with additional cost information so you can view and determine the savings as well as a pdf attachment to this email. Please note, NYSEG is in the process of working out some additional regulatory issues regarding the wattages that will be available. Technology has improved since we originally filed the tariff and we are awaiting approval on some additional wattages.

http://www.nyseg.com/MediaLibrary/2/5/Content%20Management/NYSEG/SuppliersPartners/PDFs%20and%20Docs/PSC121ServiceClassification_3.pdf

Once the unexpired life cost is provided, if the Town would like to proceed with the conversion, please submit a written request on Town letterhead along with a statement that the Town is in agreement with the cost.

Please don't hesitate to contact me with any questions. Please find my contact information below.

Have a good afternoon.

Sincerely,

Rosie Ray NYSEG Marketing



Rosemarie Ray Analyst Key Account Management Marketing and Sales

4225 Old Vestal Rd, P.O. Box 3607 Vestal, NY 13902-3607

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From: Abels, Kathleen Sent: Thursday, April 19, 2018 10:40 AM To: Ray, Rosemarie Cc: Richard J. Franzetti Subject: LED St Lighting - Town of Carmel

Hi. Rosie.

This morning I received an inquiry from Rich Franzetti, the Town Engineer for the Town of Carmel, regarding about NYSEG's new LED street lighting program.

I have copied Rich herein and below is his contact information.

Richard J. Franzetti Town of Carmel **Town Engineer** (845) 628-1500 ext 181 Work (914) 843-4704 Mobile rjf@ci.carmel.ny.us 60 McAlpin Avenue Mahopac, New York 10541

Will you please provide Rich with information about our LED programs?

Thanks



Manager - Community Outreach & Development Brewster Division

35 Milan Road, Brewster, NY 10509

Telephone (585) 484-2213 Cellular (845) 224-9362

kdabels@nyseg.com



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PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 01/01/08

Leaf: 39 Revision: 2 Superseding Revision: 1

SERVICE CLASSIFICATION NO. 3

STANDARD STREET LIGHTING SERVICE AND SERVICE AVAILABLE FOR EXISTING AND NEW STANDARD FACILITIES, AND LIMITED CONTIGUOUS EXPANSION

APPLICABLE TO THE USE OF SERVICE FOR:

Street, highway, roadway or other outdoor lighting for duly constituted public agencies, public authorities and public corporations.

The following rates and charges, indicated with an asterisk (*), are applicable only to non-standard equipment installed or contracted for prior to the date of the tariff. Such facilities are no longer available for installation except for limited contiguous expansion of existing facilities upon Corporation approval. Luminaires and other street lighting equipment denoted with a plus sign (+) are not available for new installations or replacements. Upon failure, luminaires will not be replaced in kind. Customers may select an alternative luminaire from the tariff.

CHARACTER OF SERVICE:

Limited Period-Unmetered service; controlled from dusk (one-half hour after sunset) to dawn (one-half hour before sunrise), for approximately 4213 hours per year, on average.

The customer may designate the following types of service:

- A. Overhead Service, on poles which are a part of the Corporation's general distribution system or the Corporation's poles installed specifically for street lighting. The street lighting equipment is owned and maintained by the Corporation. Such service is available only in those areas where an overhead distribution system is maintained by the Corporation.
- B. Underground Service, supplied from an existing underground circuit or installation of new underground circuit. The street lighting equipment is owned and maintained by the Corporation. Such installations should be in accordance with Section 9 of the General Information section of this tariff.

Note: The rating of lamps in lumens is for identification purposes only and shall approximate the manufacturers standard rating.

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 08/12/16 Issued in compliance with Order in Case 15-E-0283, dated June 15, 2016.

Leaf: 40 Revision: 14

Superseding Revision: 13

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

RATE: (Cont'd)

Energy use shall be the sum of monthly energy use calculated as explained in General Information Section 2 of this Schedule.

SUPPLY SERVICE OPTIONS AVAILABLE TO CUSTOMERS:

Pursuant to General Information Section 25, Supply Service Options, of Schedule P.S.C. No. 120, customers served under this Service Classification shall choose from different electric rate choices offered by the Company as described below. NYSEG shall offer a Retail Access rate choice and a Non-Retail Access rate choice.

The Retail Access choice is the ESCO Supply Service (ESS). The Non-Retail Access choice is the NYSEG Supply Service (NSS).

NYSEG shall provide <u>Delivery Service</u> regardless of the customer's Supply Service Option.

1. ESCO Supply Service (ESS)

This Retail Access choice includes a monthly operation and maintenance charge for luminaires and other facilities, fixed charges for NYSEG delivery service, and a Transition Charge (Non-Bypassable Charge [NBC]). Supply service shall be provided by an Energy Services Company (ESCO). Customers that elect ESS and receive a Consolidated Bill shall not be subject to the Bill Issuance Charge.

kWh use shall be determined in accordance with General Information Section 2, Determination of Demand and Energy Use.

RATE:

Delivery Service:

Energy Charges, Bill Issuance Charge and Luminaire Charges:

Delivery Charges		Effective Date	
	07/01/16	05/01/17	05/01/18
Energy Charge (All kWh, per kWh)	\$0.02724	\$0.02854	\$0.02987
Rate Adjustment Mechanism (All kWh, per kWh)		See RAM Statement	
Transition Charge (All kWh, per kWh)	See Transition Charge Statement		

Bill Issuance Charge (per bill): \$0.81, as described in P.S.C. No. 120, General Information Section 16.J.

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 07/01/16 Issued in compliance with Order in Case 15-E-0283, dated June 15, 2016

)16

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

SUPPLY SERVICE OPTIONS AVAILABLE TO CUSTOMER: (CONT'D.) 1. ESCO Supply Service (ESS) (Cont'd.)

	Monthly Luminaire Charge			
	Effective Date			
	07/01/16	05/01/17	05/01/18	
High Pressure Sodium				
Cobra				
	\$7.43	\$7.79	\$8.15	
50 Watts+ - 3,300 Lumen	\$7.43	\$7.79	\$8.15	
70 Watts - 5,200 Lumen	\$7.43	\$7.79	\$8.15	
100 Watts - 8,500 Lumen	\$7.43	\$7.79	\$8.15	
150 Watts - 14,400 Lumen	\$7.43	\$7.79	\$8.15	
250 Watts - 24,700 Lumen	\$7.86	\$8.23	\$8.62	
400 Watts - 45,000 Lumen	\$11.65	\$12.21	\$12.77	
1000 Watts - 126,000 Lumen	\$11.05	+		
High Pressure Sodium				
Post Top	\$8.59	\$9.00	\$9.42	
50 Watts - 3,300 Lumen	\$8.59	\$9.00	\$9.42	
70 Watts - 5,200 Lumen	\$9.75	\$10.22	\$10.70	
100 Watts - 8,500 Lumen	\$9.75	\$11.42	\$11.95	
150 Watts - 14,400 Lumen		\$11.42	\$11.95	
250 Watts+ - 24,700 Lumen	\$10.90	\$11.86	\$12.42	
400 Watts+ - 45,000 Lumen	\$11.32	\$15.85	\$16.59	
1000 Watts+ - 126,000 Lumen	\$15.12	\$15.65	<i><i>(</i></i>100	
High Pressure Sodium				
Cut Off ("Shoebox")	¢15.07	\$15.79	\$16.53	
70 Watts+ - 5,200 Lumen	\$15.07		\$16.53	
100 Watts+ - 8,500 Lumen	\$15.07	\$15.79	\$16.53	
150 Watts+ - 14,400 Lumen	\$15.07	\$15.79	\$14.58	
250 Watts - 24,700 Lumen	\$13.29	\$13.93	\$17.63	
400 Watts - 45,000 Lumen	\$16.07	\$16.84	ψ17.05	
Metal Halide				
Cobra		\$4.76	\$4.98	
70 Watts - 4,000 Lumen	\$4.54		\$4.98	
100 Watts - 5,800 Lumen	\$4.54	\$4.76	\$4.90	
175 Watts - 12,000 Lumen	\$4.47	\$4.68	\$15.87	
250 Watts – 16,000 Lumen	\$14.47	\$15.16	\$15.87	
400 Watts - 28,000 Lumen	\$14.47	\$15.16	\$15.67	
Metal Halide				
Cut-Off ("Shoebox")		<i>b</i> (b (\$6.76	
175 Watts – 12,000 Lumen	\$6.17	\$6.46	\$19.47	
250 Watts - 16,000 Lumen	\$17.75	\$18.60	\$19.47	
400 Watts - 28, 000 Lumen	\$18.64	\$19.54	φ20.45	
Metal Halide				
Post Top		A. 7. 20	\$5.62	
70 Watts - 4,000 Lumen	\$5.13	\$5.38	\$5.63	
100 Watts- 5,800 Lumen	\$5.22	\$5.47	\$5.72	
175 Watts - 12,000 Lumen	\$5.33	\$5.58	\$5.84	

Issued by: James A. Lahtinen, Vice President - Rates & Regulatory Economics, Binghamton, NY

Leaf: 41 Revision: 16 Superseding Revision: 14 PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 07/01/16 Issued in compliance with Order in Case 15-E-0283, dated June 15, 2016

Leaf: 42 Revision: 15 Superseding Revision: 13

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

SUPPLY SERVICE OPTIONS AVAILABLE TO CUSTOMERS: (CONT'D.)

1. ESCO Supply Service (ESS) (Cont'd.)

	Monthly Luminaire Charge		
	Effective Date		
74	07/01/16	05/01/17	05/01/18
Mercury Vapor			
100 Watts+ - 3,200 Lumen	\$4.05	\$4.25	\$4.45
175 Watts+ - 7,000 Lumen	\$4.05	\$4.25	\$4.45
250 Watts+ - 9,400 Lumen	\$4.24	\$4.44	\$4.65
400 Watts+ - 17,200 Lumen	\$4.30	\$4.51	\$4.72
1000 Watts+ - 48,000 Lumen	\$6.32	\$6.62	\$6.93
Mercury Vapor			φ0.95
Post Top			
100 Watts+ - 3,200 Lumen	\$5.25	\$5.50	\$5.76
175 Watts+ - 7,000 Lumen	\$5.30	\$5.55	\$5.81
250 Watts+ - 9,400 Lumen	\$5.35	\$5.61	\$5.81 \$5.87
400 Watts+ - 17,200 Lumen	\$5,44	\$5.70	\$5.87 \$5.96
1000 Watts+ - 48,000 Lumen	\$7.42	\$7.78	
Incandescent	+ + +	ψ1.10	\$8.14
Cobra			
130 Watts+ - 1,000 Lumen	\$5.73	\$6.01	# < a a
	ψ3.75	\$0,01	\$6.29
Incandescent	+		
Post Top			
130 Watts+ - 1,000 Lumen	\$6.47	0.00	
-,	\$0.4 <i>1</i>	\$6.78	\$7.10
Fluorescent	++		
95 Watts+ - 5,000 Lumen	07.54		
235 Watts+ - 10,000 Lumen (2 Lamp)	\$7.54	\$7.90	\$8.27
380 Watts+ - 20,000 Lumen (2 Lamp)	\$7.69	\$8.06	\$8.44
(2 Lamp)	\$8.54	\$8.95	\$9.37

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 12/01/17 Issued in compliance with Order in Case 16-E-0710, dated November 16, 2017. Leaf: 43 Revision: 17 Superseding Revision: 16

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

SUPPLY SERVICE OPTIONS AVAILABLE TO CUSTOMERS: (CONT'D.)

1. ESCO Supply Service (ESS) (Cont'd.)

	Monthly Luminaire Charge		
	Effective Date		
	07/01/16	05/01/17	05/01/18
High Pressure Sodium Special Luminaires 250 Watts+ - 24,700 - Concourse - A 400 Watts+ - 45,000 - Concourse - A 250 Watts - 24,700 - Hiway Liter 400 Watts - 45,000 - Hiway Liter 150 Watts - 14,400 - Turnpike 250 Watts - 24,700 - Turnpike 400 Watts - 45,000 - Turnpike 250 Watts - 14,400 - Turnpike 250 Watts - 24,700 - Turnpike 400 Watts - 45,000 - Turnpike 150 Watts - 14,400 - Floodlight 250 Watts - 24,700 - Floodlight 400 Watts - 45,000 - Floodlight	\$13.29 \$16.07 \$44.60 \$17.02 \$21.20 \$20.29 \$14.28 \$14.28 \$14.28	\$13.93 \$16.84 \$46.73 \$17.83 \$22.22 \$21.26 \$14.97 \$14.97 \$14.97	\$14.58 \$17.63 \$48.91 \$18.67 \$23.25 \$22.25 \$15.67 \$15.67 \$15.67
Metal Halide - Floodlights 250 Watts - 16,000 Lumen 400 Watts - 28,000 Lumen Light Emitting Diode (LED) - Cobra head 25 Watts - 3,000 Lumen 67 Watts - 6,300 Lumen 104 Watts - 10,000 Lumen 150 Watts - 15,000 Lumen	\$13.49 \$15.07 N/A N/A N/A N/A	\$14.13 \$15.79 \$4.23 \$4.79 \$5.89 \$6.07	\$14.79 \$16.53 \$4.43 \$5.01 \$6.16 \$6.35

+ Luminaires are no longer available for new installations. Upon failure, luminaires shall not be replaced in kind. Customer may select an alternative luminaire light source from the tariff.

ISSUED BY: Joseph J. Syta, Vice President, Controller and Treasurer, Binghamton, New York

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 01/01/08

Leaf: 44 Revision: 6 Superseding Revision: 4

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

SUPPLY SERVICE OPTIONS AVAILABLE TO CUSTOMERS: (CONT'D.)

Reserved for Future Use

Issued in compliance with order in Case No. 07-E-0479 dated 08/27/07.

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 01/01/10

Leaf: 54.5 Revision: 6 Superseding Revision: 5

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

SUPPLY SERVICE OPTIONS AVAILABLE TO CUSTOMER: (CONT'D.)

2. Reserved For Future Use

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 08/12/16 Issued in compliance with Order in Case 15-E-0283, dated June 15, 2016.

Leaf: 54.6 Revision: 12 Superseding Revision: 11

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

SUPPLY SERVICE OPTIONS AVAILABLE TO CUSTOMER: (CONT'D.)

3. NYSEG Supply Service (NSS)

This Non-Retail Access choice includes fixed charges for NYSEG delivery service, a Transition Charge (Non-Bypassable Charge [NBC]), a fluctuating commodity charge for electricity supplied by NYSEG, and a Merchant Function Charge.

kWh use shall be determined in accordance with General Information Section 2, Determination of Demand and Energy Use.

RATE:

Delivery Service:

Energy Charges and Monthly Luminaire Charges:

Delivery Charges	Effective Date		
Energy Charge	07/01/16	05/01/17	05/01/18
(All kWh, per kWh)	\$0.02724	\$0.02854	\$0.02987
Rate Adjustment Mechanism (All kWh, per kWh) Transition Charge		See RAM Statement	
(All kWh, per kWh)	See	Transition Charge State	nent
Merchant Function Charge (All kWh, per kWh)	See Mere	chant Function Charge S	tatement

Bill Issuance Charge (per bill): \$0.81, as described in P.S.C. No. 120, General Information Section 16.J.

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 07/01/16 Issued in compliance with Order in Case 15-E-0283, dated June 15, 2016

Leaf: 55 Revision: 17 Superseding Revision: 15

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

SUPPLY SERVICE OPTIONS AVAILABLE TO CUSTOMER: (CONT'D.)

3. NYSEG Supply Service (NSS) (Cont'd.)

	Monthly Luminaire Charge			
		Effective Date		
	07/01/16	05/01/17	05/01/18	
High Pressure Sodium				
Cobra		AT 70	\$8.15	
50 Watts+ - 3,300 Lumen	\$7.43	\$7.79	\$8.15	
70 Watts - 5,200 Lumen	\$7.43	\$7.79	\$8.15	
100 Watts - 8,500 Lumen	\$7.43	\$7.79	\$8.15 \$8.15	
150 Watts - 14,400 Lumen	\$7.43	\$7.79	\$8.15 \$8.15	
250 Watts - 24,700 Lumen	\$7.43	\$7.79	\$8.62	
400 Watts - 45,000 Lumen	\$7.86	\$8.23	\$12.77	
1000 Watts - 126,000 Lumen	\$11.65	\$12.21	\$12.77	
High Pressure Sodium				
Post Top	to 50	\$9.00	\$9.42	
50 Watts - 3,300 Lumen	\$8.59	\$9.00	\$9.42	
70 Watts - 5,200 Lumen	\$8.59	\$9.00	\$10.70	
100 Watts - 8,500 Lumen	\$9.75		\$11.95	
150 Watts - 14,400 Lumen	\$10.90	\$11.42 \$11.42	\$11.95	
250 Watts+ - 24,700 Lumen	\$10.90	· ·	\$12.42	
400 Watts+ - 45,000 Lumen	\$11.32	\$11.86	\$16.59	
1000 Watts+ - 126,000 Lumen	\$15.12	\$15.85		
High Pressure Sodium				
Cut Off ("Shoebox")	¢1 € 07	\$15.79	\$16.53	
70 Watts+ - 5,200 Lumen	\$15.07	\$15.79	\$16.53	
100 Watts+ - 8,500 Lumen	\$15.07	\$15.79	\$16.53	
150 Watts+ - 14,400 Lumen	\$15.07	\$13.93	\$14.58	
250 Watts - 24,700 Lumen	\$13.29	\$16.84	\$17.63	
400 Watts - 45,000 Lumen	\$16.07	\$10.04	\$	
Metal Halide				
Cobra	\$1.51	\$4,76	\$4.98	
70 Watt 4,000 Lumen	\$4.54	\$4.76	\$4.98	
100 Watts - 5,800 Lumen	\$4.54	\$4.68	\$4.90	
175 Watts – 12,000 Lumen	\$4.47	\$15.16	\$15.87	
250 Watts - 16,000 Lumen	\$14.47	\$15.16	\$15.87	
400 Watts - 28,000 Lumen	\$14.47	φ15.10		

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 7/1/16 Issued in compliance with Order in Case 15-E-0283, dated June 15, 2016

Leaf: 56 Revision: 16 Superseding Revision: 14

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

SUPPLY SERVICE OPTIONS AVAILABLE TO CUSTOMER: (CONT'D.)

3. NYSEG Supply Service (NSS) (Cont'd.)

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	Monthly Luminaire Charge		
		Effective Date	
	07/01/16	05/01/17	05/01/18
Metal Halide			
Cut Off ("Shoebox")			
175 Watts – 12,000 Lumen	\$6.17	\$6.46	\$6.76
250 Watts - 16,000 Lumen	\$17.75	\$18.60	\$19.47
400 Watts - 28, 000 Lumen	\$18.64	\$19.54	\$20.45
Metal Halide		<i><i><i></i></i></i>	φ20.45
Post Top			
70 Watts – 4,000 Lumen	\$5.13	\$5.38	\$5.63
100 Watts- 5,800 Lumen	\$5.22	\$5.47	\$3.63 \$5.72
175 Watts - 12,000 Lumen	\$5.33	\$5.58	,
Mercury Vapor		00,00	\$5.84
Cobra			
100 Watts+ - 3,200 Lumen	\$4.05	\$4.25	.
175 Watts+ - 7,000 Lumen	\$4.05	\$4.25	\$4.45
250 Watts+ - 9,400 Lumen	\$4.24	,	\$4.45
400 Watts+ - 17,200 Lumen	\$4.30	\$4.44	\$4.65
1000 Watts+ - 48,000 Lumen	\$6.32	\$4.51	\$4.72
Mercury Vapor	φ0.32	\$6.62	\$6.93
Post Top			
100 Watts+ - 3,200 Lumen	\$5.25	AF F O	
175 Watts+ - 7,000 Lumen	\$5.25	\$5.50	\$5.76
250 Watts+ - 9,400 Lumen	\$5.30	\$5.55	\$5.81
400 Watts+ - 17,200 Lumen	\$5.35	\$5.61	\$5.87
1000 Watts + -48,000 Lumen	\$5.44	\$5.70	\$5.96
Incandescent	\$7.42	\$7.78	\$8.14
Cobra			
130 Watts+ - 1,000 Lumen	\$5.73	\$6.01	\$6.29
Incandescent			
Post Top			
30 Watts+ - 1,000 Lumen	\$6.47	\$6.78	\$7.10

Leaf: 57 Revision: 17

Superseding Revision: 16

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 12/01/17 Issued in compliance with Order in Case 16-E-0710, dated November 16, 2017.

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

SUPPLY SERVICE OPTIONS AVAILABLE TO CUSTOMER: (CONT'D.)

3. NYSEG Supply Service (NSS) (Cont'd.)

	Monthly Luminaire Charge		
	Effective Date		
	07/01/16	05/01/17	05/01/18
Fluorescent 95 Watts+ - 5,000 Lumen 235 Watts+ - 10,000 Lumen (2 Lamp) 380 Watts+ - 20,000 Lumen (2 Lamp)	\$7.54 \$7.69 \$8.54	\$7.90 \$8.06 \$8.95	\$8.27 \$8.44 \$9.37
High Pressure Sodium Special Luminaires 250 Watts+ - 24,700 - Concourse - A 400 Watts+ - 45,000 - Concourse - A 250 Watts - 24,700 - Hiway Liter 400 Watts - 45,000 - Hiway Liter 150 Watts - 14,400 - Turnpike 250 Watts - 24,700 - Turnpike 400 Watts - 45,000 - Turnpike 150 Watts - 14,400 - Floodlight 250 Watts - 24,700 - Floodlight 400 Watts - 24,700 - Floodlight 400 Watts - 45,000 - Floodlight	\$13.29 \$16.07 \$44.60 \$17.02 \$21.20 \$20.29 \$14.28 \$14.28 \$14.28	\$13.93 \$16.84 \$46.73 \$46.73 \$17.83 \$22.22 \$21.26 \$14.97 \$14.97 \$14.97	\$14.58 \$17.63 \$48.91 \$48.91 \$18.67 \$23.25 \$22.25 \$15.67 \$15.67 \$15.67
Metal Halide - Floodlights 250 Watts - 16,000 Lumen 400 Watts - 28,000 Lumen	\$13.49 \$15.07	\$14.13 \$15.79	\$14.79 \$16.53
Light Emitting Diode (LED) – Cobra head 25 Watts – 3,000 Lumen 67 Watts – 6,300 Lumen 104 Watts – 10,000 Lumen 150 Watts – 15,000 Lumen	N/A N/A N/A N/A	\$4.23 \$4.79 \$5.89 \$6.07	\$4.43 \$5.01 \$6.16 \$6.35

+ Luminaires are no longer available for new installations. Upon failure, luminaires shall not be replaced in kind. Customer may select an alternative luminaire light source from the tariff.

Commodity Service

The charge for Electric Power Supply provided by the Company shall fluctuate each month as further described in P.S.C. No. 120 General Information Section 25.I.C., Calculation of the Commodity Charge.

ISSUED BY: Joseph J. Syta, Vice President, Controller and Treasurer, Binghamton, New York

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 01/01/08

Leaf: 57.1 Revision: 3 Superseding Revision: 1

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

SUPPLY SERVICE OPTIONS AVAILABLE TO CUSTOMER: (CONT'D.)

Reserved for Future Use

Issued in compliance with order in Case No. 07-E-0479 dated 08/29/07.

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 08/12/16 Issued in compliance with Order in Case 15-E-0283, dated June 15. 2016.

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

Other Facility Charges: (Monthly Rate)

Charges shall apply for all rate choices described in this Service Classification.

Effective 07/01/16	Facility Charge	Energy Charge	Total
Pole Installed by the Corporation Solely for Street Lighting Service*** Standard Wood Pole Wood Pole - high mount use (45' or greater) Steel Pole* Square Steel Pole 30'* Aluminum Pole 16' and under Alum. Pole over 16' installed prior to August 1, 1987 Alum. Pole over 16' direct embedded installed after July 31, 1987 Alum. Pole over 16' pedestal mounted Concrete Pole* Laminated Wood Pole* Fiberglass Pole 18' and under Fiberglass Pole 18' and under Fiberglass Pole 18' to 22' Center Bored Wood Pole* - (no longer available) Concrete Base for pedestal mounted poles Screw-in steel base for pedestal mounted poles: Light Duty Heavy Duty	\$11.18 \$30.58 \$4.94 \$17.97 \$6.73 \$17.88 \$17.88 \$26.69 \$5.62 \$4.49 \$6.29 \$8.54 \$10.11 \$23.72 \$14.70 \$18.70	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	\$11.18 \$30.58 \$4.94 \$17.97 \$6.73 \$17.88 \$17.88 \$26.69 \$5.62 \$4.49 \$6.29 \$8.54 \$10.11 \$23.72 \$14.70 \$18.70
Special Brackets Standard Bracket - 16' and over Bracket Allowance* Bracket for post-top use on wood poles*	\$2.64 \$(0.70) \$0.45	n/a n/a n/a	\$2.64 \$(0.70) \$0.45
Circuit Control Group Controllers 3000 Watt Photo Cell	\$3.37 \$2.23	n/a n/a	\$3.37 \$2.23
Circuits (Per Trench Foot**) Cable and Conduit Direct Burial Cable Cable Only (Conduit Supplied by Customer) Underground Circuits*	\$0.08760 \$0.07496 \$0.03988 \$0.05328	n/a n/a n/a n/a	\$0.08760 \$0.07496 \$0.03988 \$0.05328

**Trench foot is defined as the distance from one standard to another standard, handhole, or transformer.

***Except for a limited number of grandfathered poles with bases, charges for poles are based on gross pole length prior to installation, not the visible mounting height of the luminaire above the finished grade.

Issued by: James A. Lahtinen, Vice President - Rates & Regulatory Economics, Binghamton, NY

Leaf: 58 Revision: 10 Superseding Revision: 9

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 08/12/16 Issued in compliance with Order in Case 15-E-0283, dated June 15, 2016. SERVICE CLASSIFICATION NO. 3 (Cont'd.)

Leaf: 58.1 Revision: 3 Superseding Revision: 2

Other Facility Charges: (Monthly Rate)

Charges shall apply for all rate choices described in this Service Classification.

Effective 05/01/17	Facility Charge	Energy Charge	Total
Pole Installed by the Corporation Solely for Street			
Lighting Service***			
Standard Wood Pole	\$11.71		
Wood Pole - high mount use (45' or greater)	\$32.05	n/a	\$11.71
Steel Pole*	\$5.17	n/a	\$32.05
Square Steel Pole 30'*	\$18.83	• п/а	\$5.17
Aluminum Pole 16' and under	\$7.06	n/a	\$18,83
Alum. Pole over 16' installed prior to		n/a	\$7.06
August 1, 1987	\$18.74	n/a	\$18.74
Alum. Pole over 16' direct embedded	\$10. <i>7</i> /	[
installed after July 31, 1987	\$18.74	n/a	\$18.74
Alum. Pole over 16' pedestal mounted	\$07.07	ĺ	
Concrete Pole*	\$27.97	n/a	\$27.97
Laminated Wood Pole*	\$5.89	n/a	\$5.89
Fiberglass Pole 18' and under	\$4.70	n/a	\$4.70
Fiberglass Pole 18' to 22'	\$6.59	n/a	\$6.59
Center Bored Wood Pole* - (no longer	\$8.95	n/a	\$8.95
available)	\$10.60	n/a	\$10.60
Concrete Base for pedestal mounted poles			ψ10.00
crew-in steel base for pedestal mounted	\$24.86	n/a	\$24,86
poles:			φ24.00
Light Duty			
	\$15.40	n/a	\$15.40
Heavy Duty	\$19.59	n/a	
		10 0	\$19.59
Special Brackets			
tandard Bracket - 16' and over	\$2.76	, ,	
racket Allowance*	\$(0.73)	n/a	\$2.76
racket for post-top use on wood poles*	\$0.47	n/a	\$(0.73)
· · · · · · · · · · · · · · · · · · ·	\$0.47	n/a	\$0.47
Circuit Control			
roup Controllers	\$3,53	_ /-	
000 Watt Photo Cell	\$2.34	n/a	\$3.53
	Ψ2.54	n/a	\$2.34
Circuits (Per Trench Foot**)			
ible and Conduit	\$0.09180	, 1	
rect Burial Cable	\$0.07855	n/a	\$0.09180
ble Only (Conduit Supplied by Customer)	\$0.04179	n/a	\$0.07855
nderground Circuits*	\$0.05583	n/a	\$0.04179
	\$0.03383	n/a	\$0.05583

**Trench foot is defined as the distance from one standard to another standard, handhole, or transformer.

***Except for a limited number of grandfathered poles with bases, charges for poles are based on gross pole length prior to installation, not the visible mounting height of the luminaire above the finished grade.

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 08/12/16 Issued in compliance with Order in Case 15-E-0283, dated June 15, 2016.

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

Other Facility Charges: (Monthly Rate)

Charges will apply for all rate choices described in this Service Classification.

Effective 05/01/18	Facility Charge	Energy Charge	Total
Pole Installed by the Corporation Solely for Street Lighting Service*** Standard Wood Pole Wood Pole - high mount use (45' or greater) Steel Pole* Square Steel Pole 30'* Alum. Pole over 16' installed prior to August 1, 1987 Alum. Pole over 16' direct embedded installed after July 31, 1987 Alum. Pole over 16' pedestal mounted Concrete Pole* Laminated Wood Pole* Fiberglass Pole 18' and under Fiberglass Pole 18' and under Fiberglass Pole 18' to 22' Center Bored Wood Pole* - (no longer available) Concrete Base for pedestal mounted poles Screw-in steel base for pedestal mounted poles: Light Duty Heavy Duty	\$12.26 \$33.54 \$5.41 \$19.71 \$7.38 \$19.61 \$19.61 \$29.28 \$6.17 \$4.92 \$6.90 \$9.37 \$11.09 \$26.01 \$16.12 \$20.51	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	\$12.26 \$33.54 \$5.41 \$19.71 \$7.38 \$19.61 \$29.28 \$6.17 \$4.92 \$6.90 \$9.37 \$11.09 \$26.01 \$16.12 \$20.51
Special Brackets Standard Bracket - 16' and over Bracket Allowance* Bracket for post-top use on wood poles*	\$2.89 (\$0.76) \$0.49	n/a n/a n/a	\$2.89 (\$0.76) \$0.49
Circuit Control Group Controllers 3000 Watt Photo Cell	\$3.69 \$2.45	n/a n/a	\$3.69 \$2.45
Circuits (Per Trench Foot**) Cable and Conduit Direct Burial Cable Cable Only (Conduit Supplied by Customer) Underground Circuits*	\$0.09608 \$0.08221 \$0.04374 \$0.05843	n/a n/a n/a n/a	\$0.09608 \$0.08221 \$0.04374 \$0.05843

**Trench foot is defined as the distance from one standard to another standard, handhole, or transformer.

***Except for a limited number of grandfathered poles with bases, charges for poles are based on gross pole length prior to installation, not the visible mounting height of the luminaire above the finished grade.

Issued by: James A. Lahtinen, Vice President - Rates & Regulatory Economics, Binghamton, NY

Leaf: 58.2

Revision: 3 Superseding Revision: 2

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: December 1, 2017 Issued in compliance with Order in Case 16-E-0710, dated November 16, 2017.

Leaf: 59 Revision: 25 Superseding Revision: 24

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

MINIMUM CHARGE:

The monthly minimum charge for service is the Monthly Luminaire Charge and applicable Other Facility Charges, plus the Bill Issuance Charge, if applicable.

SYSTEM BENEFITS CHARGE:

A surcharge shall be added to each customer bill for service under this Service Classification to collect the System Benefits Charge (as explained in this Schedule, General Information Section 16). See SBC Statement.

SURCHARGE TO COLLECT TEMPORARY STATE ASSESSMENT ("TSAS"):

A surcharge shall be added to each customer bill for service under this Service Classification to collect the Temporary State Assessment (as explained in this Schedule, General Information Section 18). See TSAS Statement.

SURCHARGE TO COLLECT RELIABILITY SUPPORT SERVICES ("RSS"):

A surcharge shall be added to each customer bill for service under this Service Classification to collect the Reliability Support Services (as explained in this Schedule, General Information Section 20). See RSS Statement.

RATE ADJUSTMENT MECHANISM ("RAM"):

The RAM shall be applied per kWh to all kWhs delivered under this Service Classification (as explained in this schedule, General Information Rule 21). See RAM Statement.

REVENUE DECOUPLING MECHANISM ("RDM"):

A customer taking service under this Service Classification shall be subject to a Revenue Decoupling Adjustment (as explained in this Schedule, General Information Section 17). See RDM Statement.

INCREASE IN RATES AND CHARGES:

The rates and charges under this Service Classification, including minimum charges, shall be increased by a surcharge pursuant to Section 3 of P.S.C. No. 121 - Electricity to reflect the tax rates applicable within the municipality where the customer takes service.

ALLOWANCE FOR LAMP OUTAGES:

The Company shall use reasonable diligence to provide a continuous, regular and uninterrupted supply of service and the customer shall use reasonable diligence to protect the lighting system. If for any reason the lamp becomes inoperable, the Company shall make every effort to complete the necessary repair within three business days after notice of such outage has been given to the Company by a customer. In lieu of determination of the actual lamp-hour outages resulting from a failure of any light to burn for any reason, a monthly credit is automatically included in the energy charges of the monthly bill, in that the charge per kWh quoted in the tariff has been reduced by 0.15%.

ISSUED BY: Joseph J. Syta, Vice President, Controller and Treasurer, Binghamton, New York

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 05/01/17 Issued in compliance with Order in Case 15-E-0283, dated June 15, 2016.

Leaf: 60 Revision: 5 Superseding Revision: 4

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

MERCHANT FUNCTION CHARGE:

The Merchant Function Charge reflects the administrative costs of obtaining electricity supply. Customers whose electricity is supplied by an ESCO are not charged for this service.

TERMS OF PAYMENT:

All bills are rendered at the above "unit prices" and that amount is due on bills paid on or before the past due date indicated on the bill. A late payment charge at the rate of $1\frac{1}{2}$ % per month shall be billed on all amounts not paid by that date. (Further details in Section 14 of the General Information section of this Schedule.)

TERM:

Five years from the initial rendering of service, including service previously rendered under contract, and thereafter until terminated on 120 day's written notice by either the Company or customer.

If the customer requests removal of a facility, the Monthly Charge the customer pays the Company shall be reduced in accordance with the rates specified for each such facility removed, as of the removal date. However, the customer shall reimburse the Company the original cost, less accrued depreciation and net salvage (cost of removal less salvage) of such facility, as determined by the Company. The Company shall not require customers to pay system removal costs for Company-owned non-LED luminaires that are replaced with Company-owned LED street lights.

SPECIAL PROVISIONS:

- A. The customer shall determine and specify the number, size, type and location of luminaires and other facilities required to provide street lighting service initially to be served hereunder, and may at any time thereafter, upon reasonable written notice to the Company, request changes to such luminaires and/or facilities. Upon acceptance of the application, the Company shall, within a reasonable time after receipt of written authorization from the customer, (a) furnish and install additional luminaires and other facilities 1) in locations where electric service may not be readily available, or 2) in a contiguous manner when additional luminaires or other facilities are not stocked by the Company, or (b) remove such luminaires or facilities designated by the customer. In the first situation, provision for the desired service may be made available under provisions of Section 13 of this Schedule.
- B. If, in the sole opinion of the Company, Company owned facilities become subject to vandalism, the customer shall be required to reimburse the Company for all maintenance costs incurred as a result of vandalism.

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 05/01/17

Leaf: 61 Revision: 6 Superseding Revision: 5

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

SPECIAL PROVISIONS: (Cont'd.)

Special Provisions C. and D. are no longer available for new installations under this service classification.

C. A customer whose system utilizes existing or new standard wood poles installed by the Company and used exclusively for street lighting purposes and/or brackets 16 ft. or longer in length, may opt to bear the appropriate capital costs of said wood poles and/or brackets in lieu of paying the facilities charge. Ownership and the responsibility for operation and maintenance rests with the Company.

Under this provision, the cost of replacement of wood poles and/or brackets 16 ft. or longer in length, due to expiration of the service life of such facilities, is the responsibility of the customer.

D. Determination of Capital Cost:

For those customers making capital contributions under Special Provision C, cost shall be determined as follows:

In the case of newly constructed facilities, capital cost shall include all labor, transportation, material and applicable overheads as defined in the charges for Special Services contained in Schedule P.S.C. No. 119 - Electricity, or superseding issues thereof, and utilized in recording the cost of such facilities on the books and records of the Company. In the case of existing systems, capital contributions shall be determined taking into consideration depreciated original cost, replacement value depreciated and physical condition of the facilities. In no case shall the contribution be less than the average depreciated original cost of such facilities dedicated by the Company to provision of street lighting service.

E. Budget Billing:

Customers may, by signing an application, be billed monthly in accordance with the plan set forth in Section 4-P of P.S.C. No. 119 - Electricity or superseding issues thereof.

F. Glare Shield:

Customers that request the installation of glare shields shall be responsible for the costs associated with such installations, consistent with General Information Section 6 of P.S.C. No. 119, Charges for Special Services.

G. Purchase Option:

The Customer may, at its option, elect to purchase the portion of the Company's street lighting system being used to serve the customer. The following guidelines shall apply to any sale of the Company's street lighting facilities:

i. A customer desiring to purchase the street lighting system being used to serve it shall inform the Company in writing of such desire, and indicate which portion of that system it desires to purchase. The lights to be purchased must be contained in single contiguous geographic area, defined as being an area bounded on all sides by a public right of way and containing all area within those bounds. If the geographic area contains series lighting circuits, all the lights on those circuits must be purchased, even if such circuits extend outside the contiguous area.

ISSUED BY: Joseph J. Syta, Vice President, Controller and Treasurer, Binghamton, New York

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 11/01/16 Issued in compliance with Order in Case 15-E-0746, dated October 14, 2016. Leaf: 61.1 Revision: 4 Superseding Revision: 3

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

SPECIAL PROVISIONS: (Cont'd.)

G. Purchase Option: (Cont'd):

The Customer may, at its option, elect to purchase the portion of the Company's street lighting system being used to serve the customer. The following guidelines shall apply to any sale of the Company's street lighting facilities: (Cont'd):

- The customer must purchase a minimum of 10% of the lights that were owned by the ii) Company within the municipality prior to any purchase(s) made under this rule, and the facilities associated with those lights, or 100 lights and their associated facilities, whichever is greater. If the customer requests purchase of a geographic area which contains slightly less than the 10% minimum, the Company shall consider such an offer, provided that there is some logical rationale for the area chosen. Not withstanding the above, if a customer owns 70% or more of the lights originally owned by the Company prior to any purchase(s) made by the customer under this rule, any further purchase must encompass all remaining lights. If a proposed purchase of lights would reduce the amount of lights owned by the Company within the municipality to less than 15% of the lights originally owned by the Company prior to any purchase(s) made by the customer under this rule, or to less than 100 lights, completion of the proposed purchase shall be contingent upon written agreement by the customer to purchase all remaining lights within two years of the currently proposed purchase. Such written agreement shall include all terms and conditions of the sale of the remaining lights, including but not limited to the sale price and time frame of the sale. The Company may contract to sell the system in increments over an agreed upon time frame or to accept payments in installments, upon payment and other terms acceptable to the Company.
- iii) The Company shall develop an estimate of the costs that it shall incur to physically separate the system being sold from the rest of its distribution system in order for the Company to meet all applicable codes and regulations. This estimate shall not include costs that the customer may incur in order for the Customer to meet any codes and regulations that may apply to it.
- iv) The Company shall determine a proposed purchase price of the equipment, taking into account factors which may include, but are not limited to, the market value of the street lighting system to be sold, the remaining book value of the street lighting system to be sold, potential federal income tax implications resulting from accelerated depreciation of the equipment for tax purposes, and any other costs which the Company may incur in order to complete the sale.
- v) The customer shall have 180 days from the issuance of the initial proposed purchase price to commit to move forward in good faith with the purchase process.
- vi) Within 90 business days of a customer providing written notice to the Company of its desire to purchase its street lighting system, the Company shall respond, in writing, with the proposed purchase price. The actual purchase price of the street lighting system may be negotiated between the Company and the customer. The Company shall not be required to provide a purchase price for the same street lighting facilities more than once in any 12month period.

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 11/01/16 Issued in compliance with Order in Case 15-E-0746, dated October 14, 2016

Leaf: 61.2 Revision: 1 Superseding Revision: 0

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

SPECIAL PROVISIONS: (Cont'd.)

G. Purchase Option: (Cont'd):

- vii) The Company shall file a petition in conformance with the requirements of §70 of the Public Service Law within 60 days of an executed purchase agreement.
- viii) A customer that purchases any portion of the Company's street lighting system shall be required to install a Company-approved disconnect device on all purchased street lights. The installation of the disconnect devices must be completed by the time specified in the written agreement; however, the maximum time that shall be allowed in any written agreement for the customer to provide to the Company proof of the installation of the disconnect devices shall be within 24-months of the transfer of the street lighting system by the Company to the customer. On the date of such transfer, the customer shall provide the Company with an irrevocable letter of credit or other form of security acceptable to the Company in an amount adequate to cover the costs, as determined by the Company, of installing the disconnect devices. Should the customer not provide proof of the installation of the disconnect devices on all purchased street lights within the time specified in the written agreement, the Company shall notify the customer of its intention to perform such work on the customer's behalf. Upon completion of such work, the Company shall determine its actual costs of performing such work, inclusive of all applicable overheads and shall invoice the customer for such amount. If that invoice is not paid within 15 days, the Company may draw on the letter of credit or other form of security provided by the customer. Once the installation of the disconnect devices is completed, the Company shall either release any security amounts in excess of such costs or include any remaining costs of such work in its bill to the customer for street lighting service. Such letter of credit or security shall be required for all agreements entered into after April 1, 2016.
- ix) The owner(s) of street lighting systems must provide that any personnel that work on such street lighting systems will be qualified by complying with established regulations and standards associated with the work to be conducted. To identify requirements related to safety or the construction, repair, or maintenance of the street lighting system, the owner(s) should consult among other documentation, the Occupational Health and Safety Administration ("OSHA") requirements, including but not limited to OSHA 1910.269, "The Electric Power Generation, Transmission, and Distribution" standard, the National Electrical Code (NEC), the National Electric Safety Code (NESC), the New York State Labor Law governing how close workers (qualified) and non-workers (unqualified) can get to energized equipment at primary and/or secondary voltages, and requirements by the New York State Department of Transportation.
- x) The customer may file a petition with the Commission at any time to facilitate an ownership transfer agreement. Such petition must comply with the requirements of § 70-a of the Public Service Law, the requirements of the Commission's Rules of Procedure, 16 NYCRR Part 3, and any other applicable requirements.

PSC NO: 121 ELECTRICITY NEW YORK STATE ELECTRIC & GAS CORPORATION Initial Effective Date: 12/01/17 Issued in compliance with Order in Case 16-E-0710, dated November 16, 2017.

Leaf: 61.3 Revision: 2 Superseding Revision: 1

SERVICE CLASSIFICATION NO. 3 (Cont'd.)

SPECIAL PROVISIONS: (Cont'd.)

- H. Conversion to Light Emitting Diode (LED) Street Lights: The Customer may request the conversion of existing non-LED street lights to LED street lights. The Company shall perform such conversion in compliance with the provisions below.
 - i) Upon request, the Company shall install/replace its in-service non-LED street light luminaires with LED street light luminaires, dependent upon the Customer's compliance with the terms and conditions of this tariff, on a first come, first served basis at the Companies' discretion, such as consideration of geographical location. The Company's obligation to install/replace in-service non-LED street light luminaires in any annual period shall be limited to no more than 20% of the Company's currently installed street light luminaires. The Customer must commit to a conversion of no less than 20% of their currently installed non-LED Company-owned street light luminaires, or a minimum of 100 of their currently installed non-LED Company-owned street light luminaires, whichever is greater, per municipality in an annual period.
 - ii) The lights to be converted must be contained in a single contiguous geographic area, defined as being an area bounded on all sides by a public right-of-way, and containing all area within those bounds. If the geographic area contains series lighting circuits, all the lights on those circuits must be converted, even if such circuits extend outside the contiguous area.
 - iii) The Customer must agree in writing to compensate the Company for the remaining book value of the lights being replaced. The customer shall have the option to:
 - (a) make a one-time payment to the Company, or
 - (b) make monthly levelized payments with the interest rate set at the Company's authorized pretax weighted average cost of capital in effect at the time of execution of the agreement over a term not to exceed five years.

ISSUED BY: Joseph J. Syta, Vice President, Controller and Treasurer, Binghamton, New York

Lamp Cost								Acct	Acct	Acct	Acct	Acct	TOTAL	Lamp		
Current	Current	Yearly Cost	LED	LED	Yearly Cost	Potential Yearly		-137	-194	-210	-244	-399		Savings		
Light	Price	per Light	Equivalent	Cost	Per Light	Savings Per Light										
100W HPS	\$8.15	\$97.80	67W	\$5.01	\$60.12	\$37.68		18	40	0	7	5	70	\$2,637.60	0	(
100W MRC	\$4.45	\$53.40	67W	\$5.01	\$60.12	(\$6.72)		14	387	0	7	2	410	-\$2,755.20	0	0
150W HPS	\$8.15	\$97.80	67W	\$5.01	\$60.12	\$37.68		6	20	0	0	13	39	\$1,469.52	0	(
175W MRC	\$4.45	\$53.40	67W	\$5.01	\$60.12	(\$6.72)		66	66	0	5	2	139	-\$934.08	0	(
250W HPS	\$8.15	\$97.80	67W	\$5.01	\$60.12	\$37.68		50	106	0	1	15	172	\$6,480.96	0	(
250W MRC	\$4.65	\$55.80	67W	\$5.01	\$60.12	(\$4.32)		2	13	0	0	6	21	-\$90.72	0	0
400W HPS	\$8.62	\$103.44	104W	\$6.16	\$73.92	\$29.52		12	6	0	0	14	32	\$944.64	0	0
400W MRC	\$4.72	\$56.64	104W	\$6.16	\$73.92	(\$17.28)		10	36	0	0	4	50	-\$864.00	0	0
50W HPS	\$8.15	\$97.80	25W	\$4.43	\$53.16	\$44.64		1	54	0	1	1	57	\$2,544.48	0	0
70W HPS	\$8.15	\$97.80	67W	\$5.01	\$60.12	\$37.68		1	78	2	7	0	88	\$3,315.84	0	0
								180	806	2	28	62	1078	\$12,749.04		\$0.00
														Yearly	Yearly	kWh \$\$
						Potential Yearly	Potential Yearly	Acct	Acct	Acct	Acct	Acct	TOTAL	Delivery	kWh	Savings
Current	Yearly kWh	Current Delivery	LED	Yearly kWh	Yearly Delivery	Delivery Savings	kWh Savings	-137	-194	-210	-244	-399		Savings	Savings	\$0.050
Light	Per Light	Cost Per Light	Equivalent	Per Light	Cost per Light	Per Light	Per Light									
100W HPS	493	\$14.71	67W	253	\$7.55	\$7.17	240	18	40	0	7	5	70	\$501.75	16,798	839.895
100W MRC	535	\$15.97	67W	253	\$7.55	\$8.43	282	14	387	0	7	2	410	\$3,454.43	115,649	5782.435
150W HPS	720	\$21.50	67W	253	\$7.55	\$13.96	467	6	20	0	0	13	39	\$544.38	18,225	911.2545
175W MRC	884	\$26.41	67W	253	\$7.55	\$18.86	632	66	66	0	5	2	139	\$2,621.94	87,779	4388.925
250W HPS	1,318	\$39.36	67W	253	\$7.55	\$31.82	1,065	50	106	0	1	15	172	\$5,472.25	183,202	9160.118
250W MRC	1,229	\$36.72	67W	253	\$7.55	\$29.17	977	2	13	0	0	6	21	\$612.67	20,511	1025.556
400W HPS	2,046	\$61.12	104W	337	\$10.06	\$51.06	1,709	12	6	0	0	14	32	\$1,633.78	54,696	2734.816
400W MRC	1,937	\$57.85	104W	337	\$10.06	\$47.79	1,600	10	36	0	0	4	50	\$2,389.30	79,990	3999.5
50W HPS	244	\$8.15	25W	105	\$4.43	\$3.72	139	1	54	0	1	1	57	\$212.04	7,919	395.9505
70W HPS	349	\$10.44	67W	253	\$7.55	\$2.89	97	1	78	2	7	0	88	\$254.52	8,521	426.052
								180	806	2	28	62	1078	\$17,697.07	593,290	\$29,664.50
******Please n	ote the above cost	s are calculated based o	on the current LED li	ghts offerred. The	re are going to be some	additional wattages avai	lable and the actual savir	ıgs will depe	end on the w	attages the	town choos	ses for eacl	h light******	****		
		livery Costs do not includ														

Yes there are sufficient funds in the lighting districts fund balance to authorize this project.

If authorized we will need to provide funds from each district's fund balance through a budget modification.

	-	
	<u>District</u>	<u>Fund Balance available</u>
•	Carmel	\$46,812
•	Mahopac	\$68,022
•	Country Hill	\$4,885
•	Croton Falls (Daisy Lane)	\$2,904
•	Lake McGregor	\$1,680

Mary Ann Maxwell Town Comptroller Town of Carmel (845) 628-1500 ext 175 Fax (845) 628-7085 mam@ci.carmel.ny.us

From: Franzetti,Richard Sent: Tuesday, June 05, 2018 2:09 PM To: Maxwell,Mary Ann Cc: Esteves,Donna Subject: 06-05-18 - Street Light Conversion budget

Mary Ann

Are there sufficient funds to have the existing street lights in the districts defined below to be converted to LED?

Thanks

Light District	Account	Number of lights in District	Number of Lights being converted	Cost (\$38.94/light)
Carmel	137	188	180	\$7,009.20
Mahopac	194	816	806	\$31,385.64
Country Hill	210	20	2	\$77.88
Croton Falls	244	28	28	\$1,090.32
Lake Macgregor	399	12	0	\$0.00
Undefined - Town of				

Carmel	433	62	62	\$2,414.20
Total		1,126	1,078	\$41,977.24

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 rjf@ci.carmel.ny.us

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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: CC:	Carmel Town Board James Gilchrist, Recreation Director
From:	Richard J. Franzetti P.E. Town Engineer 🖉
Date:	June 7, 2018
Re:	C250 Sycamore Park Convert Tennis Courts to Basketball Courts - request for bid

The Director of Parks and Recreation has requested that this Department develop plans and specifications for the referenced project and put it out to bid.

The Town of Carmel received a grant from DASNY (#8930) for this project in the amount of \$100.000.00. Based upon previous bids for this work and the most recent bids for the Tennis Court rehab project, we estimate this project to be approximately \$129.151.00. The balance of the funding would be from the Town General fund as outlined in the attached resolution. Any overage from the estimate would have to be funded from another source

Most of the Engineering work for this project is complete as this work was included in a previous bid which included the tennis court construction. Those bids were ultimately rejected because of a lack of funding.

Since it is anticipated that the pricing for this project will exceed the GML threshold of \$35,000.00, the Town Board would have to authorize formal, public bidding in conformance with GML. However, in the interest of time and potential cost savings, the Town Board may consider authorizing a change order under the recently awarded contract for the Sycamore Park Tennis Court Rehabilitation (C230) as this work is similar in scope and costs.

If the Board choses the former, this Department requests authorization to let this project out to bid.

RESOLUTION AUTHORIZING ENCUMBRANCE AND EXPENDITURE OF FUNDS FOR SYCAMORE PARK IMPROVEMENTS

RESOLVED that, in addition to any and all funds and expenditures previously authorized in connection with the conversation of tennis courts to basketball courts at Sycamore Park (NYS Dormitory Authority "SAM" grant Project I.D. #8930) the Town Board of the Town of Carmel hereby authorizes the additional expenditure of up to in an amount of \$29,151 for the construction of said improvements; and

BE IT FURTHER RESOLVED that the authorization contained herein shall be deemed to be for the purposes of funding the designated project in accordance with the terms and conditions of New York State Dormitory Authority Grant (SAM #8930);

BE IT FURTHER RESOLVED, that Town Comptroller Mary Ann Maxwell is hereby authorized to forward any necessary documentation and correspondence to the New York State Dormitory Authority and/or to make any and all budget transfers or modifications necessary in connection with this authorization.

Resolution

Councilman Lupinacci				
an McDonough				

Roll Call Vote	YES	NO
Jonathan Schneider	Х	
John Lupinacci	Х	
Suzanne McDonough	X	
Frank Lombardi	Х	
Kenneth Schmitt	Х	

E A L

S

I, Ann Spofford, Town Clerk of the Town of Carmel, Putnam County, New York, do hereby certify that the foregoing resolution is a true and exact copy of the original on file in my office which was adopted by the Town Board of said Town at a duly called and held meeting on the 9th day of **August**, **2017**; and of the whole thereof.

ann 200

August 10, 2017 Dated

Ann Spofford, Town Clerk

Work Session Agenda Item #6

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: June 6, 2018

Re: CWD# 2 Water Treatment Facility Upgrade Engineering Report

Pursuant to the attached Town Board resolution of March 14, 2018, the Engineering Department circulated Requests for Proposal (RFP) for the referenced project to 15 consulting engineering firms on April 13, 2018. A mandatory pre-proposal walk through was conducted on May11, 2018 and was attended by five (5) firms. Formal RFP's were received by the Engineering office on May 25, 2018. Two (2) firms, Hazen and Sawyer and Arcadis of New York, Inc, submitted proposals.

The Engineering Department, in conjunction with the Town Engineering Consultant, J. Robert Folchetti & Associates (JFRA), has evaluated the submittals in accordance with the criteria identified in the RFP. The evaluation summary sheets are attached for your review.

Consultant	Costs	Ranking
Arcadis	\$152,000.00	78.5
Hazen and Sawyer	\$167,000.00	92.6

While Arcadis proposed the lower price, Hazen and Sawyer offered a much more broad scope of services. In particular, Hazen proposed a more robust source water evaluation. Considering the concern for the status of Lake Gleneida, it is believed that this evaluation will provide significant value to future Town decisions.

Due to when this subject was broached the cost for this study was not included in the CWD 2 budget. This Department spoke with the Town Comptroller and per the attached the costs for the project can be encumbered taking \$100,000 from the Unreserved Fund Balance and the remaining \$70,000 from the 2018 budgeted Repair Reserve line. The Board may also want to consider including this cost as part the future capital project for the WTP

Based on our evaluation of relative costs and proposed scope of work we recommend that the Contract be awarded to Hazen and Sawyer as the most responsive firm to the Town's needs for this project.

RESOLUTION AUTHORIZING REQUEST FOR PROPOSALS CARMEL WATER DISTRICT #2 WATER TREATMENT PLANT

RESOLVED that the Town Board of the Town of Carmel, acting as Commissioners of Carmel Water District #2, and upon the recommendation of Town Engineer Richard J. Franzetti, P.E., hereby authorizes the solicitation of proposals for the preparation of a comprehensive facilities and engineering study for the Carmel Water District #2 Water Treatment Plant.

Resolution

Offered by:	Councilr	man Lupinacci			
Seconded by:	Councily	woman McD	onough		
Roll Call Vote		YES	NO		
Michael Barile		X			
Jonathan Schn	eider	Х			
John Lupinacci		X			
Suzanne McDo	onough	X			
Kenneth Schm	itt	X			

S

E

A

I, Ann Spofford, Town Clerk of the Town of Carmel, Putnam County, New York, do hereby certify that the foregoing resolution is a true and exact copy of the original on file in my office which was adopted by the Town Board of said Town at a duly called and held meeting on the **14**th day of **March**, **2018**; and of the whole thereof.

March 15, 2018 Dated

Ann Spofford, Town Clerk

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

Site Visit: Water Treatment Facility Upgrade – CWD #2

Date/Location: May 3, 2018/ CWD #2 WWTP/ 10:00 am

NAME	REPRESENTING	TELEPHONE NO.	EMAIL ADDRESS
Mattalade	Hazen	212539 7134	MValade C. Aszenard Sawyer.
Mat George	Haven	212 539 7203	mgeorge Chazen and sanyer.
Paul WHITESER	SUNTEC	757-816-	Parl. WHITENER Q SCANTEC, COM
Michael Bomar	Tetra Tech	646.576.4024	michnel. bomar atetratech.con
CARL STONE	WESTON & SAMPSON	845-454-3344	Cstone@ wseine.com
Carolyphone	Ave adis	914-641-27	5 CAKOLUND. LOWIER ARCENT. CO

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

Site Visit: Water Treatment Facility Upgrade – CWD #2

Date/Location: May 3, 2018/ CWD #2 WWTP/ 10:00 am

	NE NO. EMAIL ADDRESS
84551	195299 june stytuxes com
	THOMPS. BRANDE DUFANTK
nanc 914-490-	9916 amanda - delgado @ inframærie.
mARIN 914 490	1.7985 VENCENT. MARGID @ FNFAAMAN COM
	84557 Ammre nare 914-490 MARTA 914 490

EVALUATION CRITERIA	MAXIMUM SCORE			
		Arcadis	Hazen	
FIRM QUALIFICATIONS 10%	10.00	4.00	9.00	
10 State Standard projects	3.33	1.50	3.00	
Treatment projects	3.33	1.50	3.00	
Similar Size/Scope	3.33	1.00	3.00	
SUBTOTAL		4.00	9.00	
PROJECT PERSONNEL QUALIFICATIONS 20%	20.00			
PROJECT PERSONNEL QUALIFICATIONS 20%	5.00	3.00	4.00	
SIZE OF PROPOSED TEAM	5.00	3.00	4.50	
TEAM QUALS SUPPORTS APPROACH	5.00	3.00	4.50	
REFERENCES PROVIDED	5.00	5.00	5.00	
SUBTOTAL	5.00	14.00	18.00	
PROJECT APPROACH 20%	20.00			
10 State Standard Criteria	4.00	4.00	4.00	
Considers Water Quality	4.00	3.50	4.00	
Considers Site Constriants	4.00	4.00	4.00	
Emphasis on Safe Yield	4.00	3.50	4.00	
Considers MOPO	4.00	4.00	4.00	
SUBTOTAL		19.00	20.00	
SPECIALIZED EXPERIENCE 15%	15.00	9.00	15.00	
Self Idenrtified Differentiators				
PROPOSED SCHEDULE 10%	10.00	10.00	7.62	
PROPOSED COST 25%	25.00	25.00	22.75	
TOTAL	100.00	81.00	92.37	

	MAXIMUM SCORE		
		Arcadis	Hazen
FIRM QUALIFICATIONS 10%	10.00		
10 State Standard projects	3.33	1.50	3.00
Treatment projects	3.33	1.33	3.33
Similar Size/Scope	3.33	2.00	2.00
SUBTOTAL		4.83	8.33
PROJECT PERSONNEL QUALIFICATIONS 20%	20.00		
PROJECT TYPE	5.00	5.00	5.00
SIZE OF PROPOSED TEAM	5.00	3.50	4.50
TEAM QUALS SUPPORTS APPROACH	5.00	3.50	5.00
REFERENCES PROVIDED	5.00	5.00	5.00
SUBTOTAL		17.00	19.50
PROJECT APPROACH 20%	20.00		
10 State Standard Criteria	4.00	4.00	4.00
Considers Water Quality	4.00	3.25	4.00
Considers Site Constriants	4.00	3.00	4.00
Emphasis on Safe Yield	4.00	3.00	4.00
Considers MOPO	4.00	1.00	4.00
SUBTOTAL		14.25	20.00
SPECIALIZED EXPERIENCE 15%	15.00	10.00	15.00
Self Idenrtified Differentiators *			
PROPOSED SCHEDULE 10%	10.00	10.00	5.00
PROPOSED COST 25%**	25.00	20.00	25.00
	100.00	76.08	92.83

Rich,

Based on the fund balance analysis that I worked on with MaryAnn, we can encumber the cost of this expense by taking \$100,00 from the Unreserved Fund Balance and the remaining \$70,000 from the 2018 budgeted Repair Reserve line.

Thanks,

Donna Esteves Engineering Department Town of Carmel 60 McAlpin Ave, Mahopac, NY 10541 845-628-1500 ext. 184

From: Franzetti,Richard
Sent: Thursday, June 07, 2018 11:40 AM
To: Esteves,Donna
Cc: Maxwell,Mary Ann
Subject: 06-07-18 - CWD 2 WTP Engineering Study Funding

Donna,

Are there sufficient funds in the CWD 2 district budget for the cost of the RFP for the Water Treatment Facility Upgrade Engineering Report? Cost \$167,000.

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 rif@ci.carmel.ny.us

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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: May 30, 2018

Re: CWD#2 Filter Bag Replacements

Inframark, the operators for Carmel Water District # 2 (CWD 2), has advised the Engineering Department (Department) that filter screens at the water treatment plant (WTP) are outside of serviceable life span and are beginning to crack and separate. There are three (3) filters at CWD 2, filters one (1) and two (2) each have 19 filter screens and filter three (3) has 15 filters for a total of 53 filter screens at the WTP.

As the Board is aware, filtration at the CWD 2 WTP is completed by means of a Diatomaceous Earth (DE) system. One of the components of the system are the filter bags which cover the suction manifold and allow the DE to build up thus creating a filter layer. The tearing and separating of the filter bags results in a loss of DE and diminishes filter capability which results in a reduction of finished water quality. These filter bags need to be replaced.

Because of the uniqueness and age of the CWD 2 WTP, Inframark was able to identify only one (1) manufacturer, Treatment Specialties, who can supply the requisite filter bags. Inframark requested and received the following cost for the filter bag installation:

- 40 (48"x60") filter bags are needed for filters one (1) and to two (2) at a cost of \$195.00 per filter bag. Total cost \$7,800.00.
- 16 (48"x60") Mer-made filter bags are needed for filter three (3) at a cost of \$195.00 per filter bag. Total cost \$3,120.00
- 6 (48"x60") corner outlet filter leaves are need for filters one (1) and two (2) at a cost of \$595.00 per filter leave. Total cost \$3,570.00.
- Installation cost for filter bags and leaves is \$4,950.00
- Shipping cost is 1,000.00

The total cost for purchase and installation for the filter screens is \$20,440.00.

Inframark has indicated that the current filter screens are approximately two (2) years old and have a life expectancy of two (2) to four (4) years.

This Department spoke with the Town of Carmel Comptroller and she indicated that there are sufficient funds in the CWD 2 budget for this work (see attached).

This Department requests that the Town Board authorize the purchase and installation of the filter bags from Treatment Specialist at a total cost of \$20,440.00. I request that this matter be placed on the next Town Board work session.

Tel: (845) 628-1500 Fax: (845) 628-7085 email <u>rif@ci.carmel.ny.us</u>

G:\Engineering\Water\WD#02 Hamlet of Carmel\Water Treatment Plant matters\Filter Screen Cover\2018 Request\05-30-18 Form FIlter Replacmnet Memo to Town Board.doc

25 Arrow Road Ramsey, NJ 07446 PH: 201—236-1720 Fax: 201-236-0291



То:	Amanda Delgado		Fax:		
From:	Chris Tedeschi		Date:	May 14, 2018	
Re:	Quote 4193- Carmel	Water District # 2	Pages:	1	
Cc:					
🗆 Urge	ent 🗌 For Review	Please Comr	nent [☐ Please Reply	Please Recycle

(40) 48" x 60" BIF style corner outlet covers with zippers- \$ 195 each- \$ 7,800 + freight
(16) 48" x 60" Mer-made corner outlet covers with zippers- \$ 195 each- \$ 3,120 + freight
(6) 48" x 60" BIF style corner outlet filter leaves- \$ 595 each- \$ 3,570 + freight

Installation of above- \$4,950

Estimated freight- \$ 500-\$600

Delivery- 4-6 weeks ARO

From:	<u>Delgado, Amanda</u>
To:	Franzetti, Richard
Cc:	Esteves, Donna; Brann, Thomas
Subject:	05-18-18 CWD 2 DE Filters Screen Replacement PO request
Date:	Friday, May 18, 2018 8:43:38 AM
Attachments:	image001.png
	<u>Outlook-ztl02ngh.png</u>
	Quote 4193- Town of Carmel Water 2.docx

Good morning Richard,

Please see the attached quote from Treatment Specialties for replacement covers for the DE filters as well as replacement leaves for the filters. Several leaves need to be replaced due to excessive wear. A couple of them are cracked. I am looking to get a PO so that I can have Treatment Specialties replace the DE filter covers.

In order for the plant to maintain filtrate turbidities below 1.0NTU it is crucial that we replace the covers and leaves as it will avoid a noncompliance.

I have reached out to the manufacturer of Mer-Made filters to find out if there are any other suppliers that serve our area and there are not. (Please see email below) Treatment Specialties is the sole source.

Thank You and Have a Nice Day, Amanda Delgado | Lead Operator | Carmel, NY

?

2 Renwick Street, Newburgh, NY 12550 O: 845.228.0460 | M: 914.490.9976 | <u>www.inframark.com</u>

From: Chris Strickland **Sent:** Tuesday, May 15, 2018 1:26 PM To: Delgado, Amanda Subject: RE: DE Filters Treatment Specialties is our authorized distributor and sales/service office for your area. Please contact them for your requests. **Chris Strickland** North American Filtration Divisions: International Reinforced Plastics & Mer-Made Filter Post Office Box 306 / 11746 Charleston-Augusta Road / Denmark, South Carolina, USA 29042 Phone: 803-793-4263 Extension 104 Fax: 803-793-4332 **From:** Delgado, Amanda [mailto:Amanda.Delgado@inframark.com] Sent: Tuesday, May 15, 2018 10:13 AM To: irp@mermade.com Subject: DE Filters Good morning, I had a question regarding the DE filter covers and leaves. I am looking to get some replacement covers and leaves 48x60 and It is my understanding that for my area (Carmel, NY 10512) the sole vendor is Treatment Specialites out of Ramsey, NJ. Can you please confirm this? If there is another vendor, would you be able to supply me with their contact information as well? Thank You,

Amanda Delgado | Lead Operator | Carmel, NY



2 Renwick Street, Newburgh, NY 12550

O: 845.228.0460 | M: 914.490.9976 | <u>www.inframark.com</u>



TOWN OF CARMEL

ENGINEERING REQUEST FOR PURCHASE OR REPAIR

District : Carmel Water District 2

Date of Request: 05-23-18

Item requested: DE filter covers and replacement leaves

Purpose of item: Water filtration

Estimated age of equipment to be replaced / repaired 2 years

Estimated life expectancy of new equipment / repair: 2-4 years

Labor cost for installation and or repair: \$4,950

Vendor # 1: Treatment Specialties labor) Vendor # 2: Vendor # 3:

*Treatment Specialties is the sole vendor

 Inframark

 2 Renwick Street

 Newburgh, NY 10512

 United States

 T: +1 845 228 0460

 F: +1 845 228 0465

 www.inframark.com

Cost: \$14,990 (estimated cost not including

Cost:

Cost:

Rich,

There are sufficient funds in the budget for this request.

Thanks,

Donna Esteves Engineering Department Town of Carmel 60 McAlpin Ave, Mahopac, NY 10541 845-628-1500 ext. 184

From: Franzetti,Richard
Sent: Wednesday, May 23, 2018 2:58 PM
To: Esteves,Donna
Subject: FW: 05-18-18 CWD 2 DE Filters Screen Replacement PO request

Are there sufficient funds in the CWD 2 budget for this purchase?

Total cost is 20,440 (filters, install and shipping – rounded to 1,000).

Thanks

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 rif@ci.carmel.ny.us

This communication may be confidential and is intended for the sole use of the addressee(s). No use or reproduction of the information provided is permitted without the written consent of the Town of Carmel. If you are not the intended recipient, you should not copy, disclose or take any action in reliance on this communication. If you have received this communication in error, please notify the sender by reply e-mail and delete the message and any attached documents.

From: Delgado, Amanda [mailto:Amanda.Delgado@inframark.com]
Sent: Friday, May 18, 2018 8:44 AM
To: Franzetti,Richard
Cc: Esteves,Donna; Brann, Thomas
Subject: 05-18-18 CWD 2 DE Filters Screen Replacement PO request

Good morning Richard,

Please see the attached quote from Treatment Specialties for replacement covers for the DE filters as well as replacement leaves for the filters. Several leaves need to be replaced due to excessive wear. A couple of them are cracked. I am looking to get a PO so that I can have Treatment Specialties replace the DE filter covers. In order for the plant to maintain filtrate turbidities below 1.0NTU it is crucial that we replace the covers and leaves as it will avoid a noncompliance. I have reached out to the manufacturer of Mer-Made filters to find out if there are any other suppliers that serve our area and there are not. (Please see email below) Treatment Specialties is the sole source.

Thank You and Have a Nice Day, Amanda Delgado | Lead Operator | Carmel, NY



2 Renwick Street, Newburgh, NY 12550 O: 845.228.0460 | M: 914.490.9976 | <u>www.inframark.com</u>

From: Chris Strickland
Sent: Tuesday, May 15, 2018 1:26 PM
To: Delgado, Amanda
Subject: RE: DE Filters
Treatment Specialties is our authorized distributor and sales/service office for your area.
Please contact them for your requests.

Chris Strickland

North American Filtration Divisions: International Reinforced Plastics & Mer-Made Filter Post Office Box 306 / 11746 Charleston-Augusta Road / Denmark, South Carolina, USA 29042 Phone: 803-793-4263 Extension 104 Fax: 803-793-4332

From: Delgado, Amanda [mailto:Amanda.Delgado@inframark.com]
Sent: Tuesday, May 15, 2018 10:13 AM
To: irp@mermade.com
Subject: DE Filters
Good morning,

I had a question regarding the DE filter covers and leaves. I am looking to get some replacement covers and leaves 48x60 and It is my understanding that for my area (Carmel, NY 10512) the sole vendor is Treatment Specialites out of Ramsey, NJ. Can you please

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

(KTF

To: Carmel Town Board

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

Date: June 7, 2018

Re: Request Payment for Repairs

This memorandum is being presented to the Town Board to request payment of the attached repairs invoices. These invoices are over the Town of Carmel's procurement policy threshold. The following provides a brief a summary of the work that was performed.

 <u>Carmel Water District 8 – Crest tank Booster Pump</u> On May 15, 2018 Bee and Jay the operators for CWD 8, notified the Engineering Department that the two (2) Crest Booster Pump station pumps were damaged during the severe thunderstorms/tornados that struck the area. Attached is an invoice in the amount of \$9,634.00 for Bee and Jay to replace the pumps and perform the necessary repair. Please note that an insurance claim is in process for this work/repair.

We have advised the Comptroller's office of this expenditure and per the attached there are sufficient funds in budget for this work as describe.

The Engineering Department requests that the Town Board approve payment.

BEE AND JAY PLUMBING

8456284062 P.01



INVOICE			
DATE	INVOICE #		
5/25/2018	87709		

BILL TO:

Town Of Carmel, CWD-8 Engineering Dept. 60 Mc Alpin Avenue Mahopac, NY 10541

SERVICE LOCATION:

Town Of Carmel, CWD-8 Crest Tank Mahopac, NY

PROFESSIONAL SERVICE 54 YEARS 1964-2018

Master Plumbers Lic.#s W.C. 556 P.C. 363

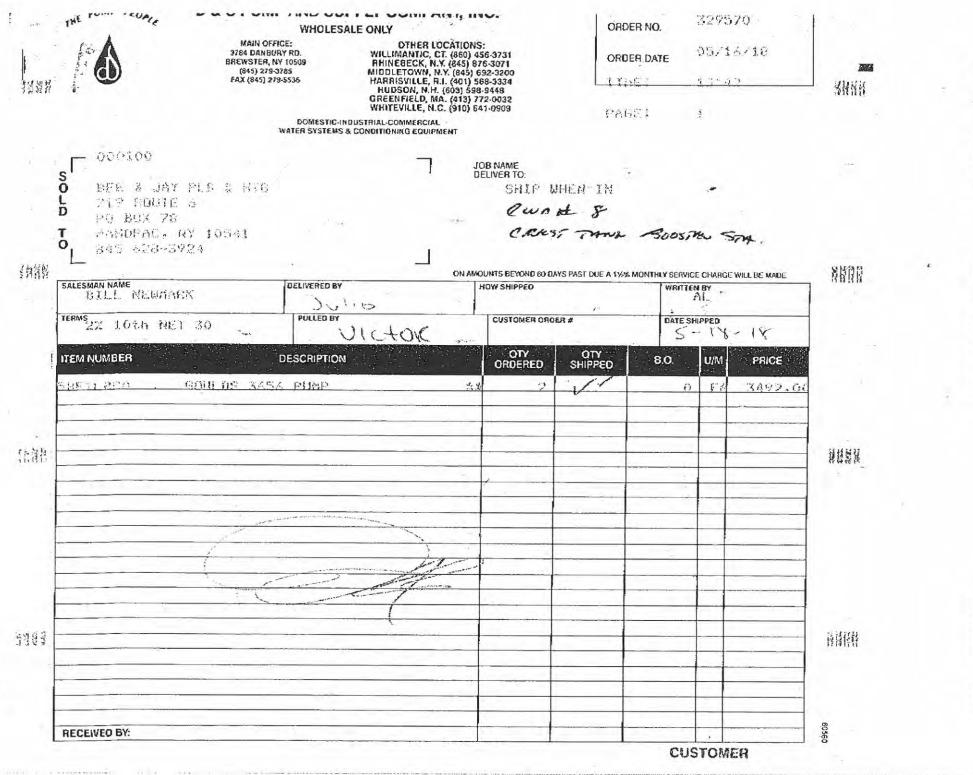
CUSTOMER	#	TERMS	MECHANIC	SERVICE DAT	E WOR	RK ORDER #
845 628 20	87	Due Upon Receipt	EK	5/18/2018 6197		61976
ITEM	QTY/HRS	DE	SCRIPTION		RATE	AMOUNT
Description	10	Responded to service call Station - replaced two 10 motors damaged by storn replaced service cables to and burnt out inside con- ups and tested system 1- Mech	hp Goulds booster , m low voltage and h booster pump #3 d	pumps and ligh voltage, lamaged	75.00	750.00
Labor TOC Tech	10	1-Tech			85.00	850.00
Material Material Material	2	Goulds 3656 10 hp Boos Gaskets and Bolt Kit 150 feet 8-4 Cable and C			3,492.00 75.00 975.00	6,984.00 75.00 975.00
Invoices not paid	when due w	/ill be subjected to a finance o	charge of 1.5% per mai	oth Tot	al Due	\$ \$ 9,634.0

CARD TYPE: VISA MASTERCARD AMERICAN EXPRESS DISCOVER DINER'S CLUB OTHER

CARDHOLDER/NAME:________SIGNATURE:______

CARD#_

EXP. DATE: ______ CID #_____



14:03 BEE

MAY-29-2018

AND JAY PLUMBING

8456284062

P.03

From:Esteves.DonnaTo:Franzetti.RichardSubject:RE: InvoiceDate:Friday, June 01, 2018 12:05:43 PM

Yes, there are sufficient funds in the budget. We should hopefully be reimbursed for this expense once the insurance claim has been submitted.

Thanks, Donna Esteves Engineering Department Town of Carmel 60 McAlpin Ave, Mahopac, NY 10541 845-628-1500 ext. 184

From: Franzetti,Richard Sent: Friday, June 01, 2018 11:36 AM

To: Esteves,Donna Subject: RE: Invoice

Please advised it there is funding available for the attached invoice (9,634.00)

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

rjf@ci.carmel.ny.us

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From: Esteves,Donna Sent: Wednesday, May 30, 2018 9:56 AM To: Franzetti,Richard Subject: Invoice Rich, Please see attached invoice that will need authorization from the Board for payment. Please note that the Engineering Department will be submitting a claim to the insurance company as this was storm related. Thanks, Donna Esteves Engineering Department Town of Carmel

60 McAlpin Ave, Mahopac, NY 10541 845-628-1500 ext. 184 Michael Cazzari Chief of Police TOWN OF CARMEL POLICE DEPARTMENT 60 McAlpin Avenue Mahopac, New York 10541

(845) 628-1300 Fax (845) 628-2597 www.carmelny.org/police

June 6, 2018

Kenneth Schmitt, Town Supervisor and Town of Carmel Town Board 60 McAlpin Ave Mahopac, New York 10541

Dear Supervisor Schmitt,

I am requesting that the Town Board authorize compensation for a portion of my accumulated compensatory time in the amount of forty days at my per diem rate of pay.

Respectfully,

Mlaszan Michael Cazzari

Police Chief

Michael Cazzari Chief of Police **TOWN OF CARMEL POLICE DEPARTMENT** 60 McAlpin Avenue Mahopac, New York 10541

(845) 628-1300 Fax (845) 628-2597 www.carmelny.org/police

June 13, 2018

Kenneth Schmitt, Town Supervisor and Town of Carmel Town Board 60 McAlpin Ave Mahopac, New York 10541

Dear Supervisor Schmitt,

I am requesting that the Town Board dedicate the private driveway leading into the town hall parking lot from Croton Falls Road as Pietropaolo Way, in memory of Officer Gary Pietropaolo.

Respectfully,

uzzn.

Michael Cazzari Police Chief