

KENNETH SCHMITT
Town Supervisor

TOWN OF CARMEL
TOWN HALL

ANN SPOFFORD
Town Clerk

SUZANNE MC DONOUGH
Town Councilwoman
Deputy Supervisor

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

KATHLEEN KRAUS
Receiver of Taxes

MICHAEL A. BARILE
Town Councilman
FRANK D. LOMBARDI
Town Councilman
ROBERT S. SCHANIL, JR.
Town Councilman

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

TOWN BOARD WORK SESSION
Wednesday, March 25, 2020 7:00pm

PLEDGE OF ALLEGIANCE - MOMENT OF SILENCE

Town Board Special Voting Meeting:

1. Res: Accepting Proposal for Insurance

Town Board Work Session:

- Review of Town Board Minutes, March 11, 18, 2020
1. Police Chief Michael Cazzari – Consider Request to Authorize Budget Transfer for the Purchase of Police Vehicles
 2. Police Chief Michael Cazzari – Consider Request to Authorize Tuition Reimbursement – PO Sandy Crecco
 3. Michael Simone, Highway Superintendent – Consider Acknowledgment of Emergency Payment for VacAll Truck #58 (\$8,993.07)
 4. Mary Ann Maxwell, Town Comptroller - Consider Year End 2019 General/Highway Fund Balance Analysis
 5. Richard Franzetti, PE, Town Engineer – Consider Request to Authorize Purchase of Return Sludge Pump – CSD#2
 6. Richard Franzetti, PE, Town Engineer – Consider Request to Acknowledge Emergency Repair Services CWDs 8 and 10
 7. Richard Franzetti, PE, Town Engineer – Consider Request to Authorize Purchase of Filter Bag Replacement CWD #2
 8. Richard Franzetti, PE, Town Engineer – Consider Request to Authorize Purchase of Sand Filter Roof CSD#2
 9. Richard Franzetti, PE, Town Engineer – Consider Request to Authorize Purchase for the Replacement of Thickener Supernatant Pump CSD#2
 10. James Gilchrist, Director of Recreation and Parks – Consider Request to Reject All Bids and Advertise for Bids Phase III Airport Park
- **Public Comment (Three (3) Minutes on Agenda Items Only)**
 - **Town Board Member Comments**

RESOLUTION #1

RESOLUTION ACCEPTING PROPOSAL FOR INSURANCE

RESOLVED that the Town Board of the Town of Carmel hereby accepts the proposal of Brown & Brown of NY, Inc. d/b/a Spain Agency, Mahopac, NY to provide liability insurance to the Town of Carmel for the period of April 1, 2020 through March 31, 2021 in form as is on file in the office of the Town Supervisor, and

BE IT FURTHER RESOLVED that the Town Supervisor is hereby authorized to sign all necessary documentation required to accept such proposal.

Resolution

Offered by: _____

Seconded by: _____

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	___	___
Michael Barile	___	___
Frank Lombardi	___	___
Suzanne McDonough	___	___
Kenneth Schmitt	___	___



TOWN OF CARMEL
POLICE DEPARTMENT
60 MCALPIN AVENUE, MAHOPAC, NY 10541
TEL. (845)628-1300 FAX (845)628-2597
WWW.CARMELNY.ORG/POLICE

MICHAEL CAZZARI
CHIEF OF POLICE

3/25/2020 Work Session Agenda Item #1

MEMORANDUM

To: Town Board, Town of Carmel

From: Chief Michael Cazzari

Date: March 24, 2020

Ref: Budget Transfer for Purchase of 2020 Police Vehicles

When I contacted our vendor Robert Green the day after the Town Board had passed the resolution for the purchase of our 2020 police vehicles, Mr. Greene informed me that due to a shortage of parts, Dodge has suspended manufacturing of all Chargers until 2021. He gave me the option of the 2020 Dodge Durango's since they were not affected by the parts shortage.

I believe that it is cost efficient to maintain the police vehicle fleet by upgrading our order to the Durango rather than adding an additional year's mileage to our existing vehicles.

I am requesting authorization to purchase (3) three 2020 4WD Dodge Durango's @ \$48,945.29 each at a total cost of \$146,835.87.

I am also seeking the Town Board's approve to transfer \$30,000 from the Police Motor Vehicle Fuel line 3120.41 to the Police Motor Vehicle line 3120.21 to cover the purchase of the three Dodge Durango Police Vehicles.

Attached is the Onondaga County #8771 Police and Administrative Vehicles contract price quote from Robert Green Truck Division, Route 17 East Exit 107, Rock Hill, New York.

I have discussed this with the Town Comptroller Mary Ann Maxwell. There should be enough surplus funds in the Police Motor Vehicle Fuel line, with some additional monies available in the Police Insurance Coverage line 100.3120.42 if needed.

Respectfully,

A handwritten signature in black ink that reads "M Cazzari". The signature is written in a cursive, flowing style.

Michael Cazzari
Police Chief

From: [robert green](#)
To: [Cazzari, Mike](#)
Subject: 2020 DURANGO MARKED UNITS
Date: Sunday, March 22, 2020 2:40:09 PM
Attachments: [CARMELPOLICE2020DURANGOMARKED3.22.20.xls](#)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Mike,

Attached is the quote we discussed for the 2020 Durango PPV's. The quote includes: V8 engine, Trailer Package, Gun Racks, as well as the items that were originally included the 2019 vehicles. Please review and advise if okay to order.

Thanks, Rob

ROBERT S. GREEN
ROBERT GREEN AUTO & TRUCK INC.
PO BOX 8002
ROCK HILL, NY 12775
845 794-0300 XT.108

ROBERT GREEN TRUCK DIVISION
 ROUTE 17 EAST EXIT 107, P.O. BOX 8002
 ROCK HILL, N.Y. 12775
 PHONE 845-794-0300 FAX 845-794-0295
 ONONDAGA CTY #8771 POLICE AND ADMIN VEHICLES
 3/24/2020

rev-04/01/08

CARMEL POLICE, TOWN OF
 60 MCALPIN AVE
 MAHOPAC, NY 10541
 CHIEF MICHAEL CAZZARI
MSC@CI.CARMEL.NY.US

BASE MODEL LESS 30.16/ OPTIONS LESS 10%

PH 845 628-1300 XT 107/ 845 628-1305
 FX
 VN 2020 DURANGO PURSUIT

		RS GREEN		
QTY		UNIT PRICE	NET PRICE	TOTAL
1	2020 DODGE DURANGO PURSUIT WDEE75 AWD	34,870.00	24,227.68	\$24,227.68
1	FACTORY TO DEALER DESTINATION CHARGE		1,495.00	\$1,495.00
1	SURCHARGE UPGRADE TO 2020 PURSUIT RATED		3,000.00	\$3,000.00
1	EZH-5.7 LITER V8 GASOLINE ENGINE	2,995.00	2,695.50	\$2,695.50
1	EXTERIOR COLOR-WHITE/ HEAVY DUTY CLOTH FRONT SEATS			
1	AHX-TRAILER TOW GROUP IV	845.00	760.50	\$760.50
1	ADL-SKID PLATE GROUP	295.00	265.50	\$265.50
1	SETINA GT1372DUR11 WEAPON MOUNT KIT FOR DURANGO	79.00	71.10	\$71.10
1	SETINA GT 10301S1UHKSSCAXL DUAL T-RAIL FOR A/R AND SHOTG	439.00	395.10	\$395.10
1	INSTALLATION OF GUN RACK		125.00	\$125.00
1	SETINA 7VS SINGLE PRISONER PARTITION	1,076.00	968.40	\$968.40
1	LABOR TO INSTALL PARTITION		\$ 275.00	\$275.00
1	SETINA PB450L PUSH BUMPER W/ CODE 3 RED/WHITE LAMPS SIDES/FRO	\$999.00	\$899.10	\$899.10
1	LABOR TO INSTALL BUMPER		\$125.00	\$125.00
1	SETINA QK0516DUR11 PLASTIC PRISONER TRANSPORT SEAT/REAR PART	\$1,348.00	\$1,213.20	\$1,213.20
1	LABOR TO INSTALL REAR PARTITION AND TRANSPORT SEAT		\$225.00	\$225.00
1	SETINA TPO DOOR PANELS	\$269.00	\$242.10	\$242.10
1	SETINAL TPO WINDOW BARRIERS	\$269.00	\$242.10	\$242.10
1	LABOR TO INSTALL WINDOW BARRIERS AND DOOR PANELS		\$150.00	\$150.00
1	ARIES FRONT AND REAR PLASTIC FLOOR LINERS	\$275.00	\$247.50	\$247.50
1	UNITY 219076-0002/8972 LED LH SPOT LAMP	\$559.00	\$503.10	\$503.10
1	AFS(MNSTAR) HARNESS ASSY FOR LAW ENFORCEMENT/FIRE	\$1,630.00	\$1,467.00	\$1,467.00
2	CODE 3 C3100 SPEAKER	\$273.80	\$246.42	\$492.84
1	SPEAKER INSTALLATION		\$75.00	\$75.00
1	BULLET LED LAMPS TAIL AND HEAD FOR WIG-WAG/FLASH BACK	\$1,990.00	\$995.00	\$995.00
1	HAVIS C-VS-2000 CONSOLE W/ MIC CLIPS/LIGHTER PLUGS/CUPHOLDERS	\$895.00	\$805.50	\$805.50
1	HAVIS CONSOLE INSTALLATION		\$350.00	\$350.00
1	(2) CODE 3 XT602RB LAMPS REAR WINDOW	\$752.80	\$677.55	\$677.55
1	(2) CODE 3 MR6MC-RW LAMPS REAR 1/4 WINDOWS	\$752.80	\$677.50	\$677.50
1	CODE3 Z3 REMOTE SIREN W/ BUILT IN BANSHEE AND MATRIX PROGRAM	\$1,817.00	\$1,635.30	\$1,635.30
1	(2) TRX6-UNDER REAR HATCH R/B W/ BRACKETS	\$335.58	\$302.02	\$302.02
1	(2) HB6PAK-RW FRONT FENDERS	\$454.48	\$409.03	\$409.03
1	INSTALLATION OF FRONT/SIDE/REAR LAMPS		\$550.00	\$550.00
1	CODE 3-21TR47A4 LIGHTBAR	2,136.30	1,922.67	\$1,922.67
1	INSTALLATION OF LIGHTBAR		\$350.00	\$350.00
		SUB TOTAL		\$48,835.29
		DELIVERY		\$110.00
		FED EXCISE TAX		
		TOTAL		\$48,945.29



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MICHAEL CAZZARI
CHIEF OF POLICE

3/25/2020 Work Session Agenda Item #2

To: Town Board, Town of Carmel

From: Chief Michael Cazzari

Date: March 11, 2020

Ref: Tuition Reimbursement

As per the PBA contract, I am requesting that the Town Board grant pre-approval for Police Officer Sandy Crecco's college tuition reimbursement. To date, PO Crecco has earned roughly 95 college credits towards a bachelor's degree in a police related field of study. He is interested in continuing his college education with the goal of obtaining his Bachelor of Science Degree in Sociology.

Thank you for your consideration.

M Cazzari

TOWN OF CARMEL HIGHWAY DEPARTMENT

Carmel Highway Department
55 McAlpin Avenue
Mahopac, NY 10541

MICHAEL SIMONE
Superintendent of Highways

845.628.7474
FAX 845.628.1471
MSimone@bestweb.net

FROM THE DESK OF: *Michael Simone*



TO: COMPROLLER
DATE: MARCH 16, 2020
RE: REPORT OF EMERGENCY PURCHASE

This is to report the following emergency purchase ~

VENDOR	Lacal Equipment, Inc	#10808
AMOUNT	\$ 8,993.07	
PURCHASE	Fan/Shaft/Bearing	
VEHICLE	VacAll #58 – 2011 Freightliner/Elgin Megawind	
REASON FOR PURCHASE	Rebuilds	

*SEE ATTACHED QUOTES
– Only 2-vendors available*

Sweeper necessary for spring cleanup – if continues to run without repairs, further problems will occur.



#10808

Quote

#58

Lacal Equipment, Inc
901 W. Pike Street
P.O. Box 757
Jackson Center, OH 45334
(937) 596-6106

Sold To:
TOWN OF CARMEL HWY DEPT
55 MC ALPIN AVE.
MAHOPAC, NY 10541

Confirm To:
JOHN BROWER

Order Number: 0389967
Order Date: 3/5/2020

Salesperson: 0139
Customer Number: 00-0155504

Ship To:
TOWN OF CARMEL HWY DEPT
55 MC ALPIN AVE.
MAHOPAC, NY 10541

Customer P.O.	Ship VIA	F.O.B.	Terms				
			Net 30 Days				

Item Number	Unit	DCode	Ordered	Shipped	Back Order	Price	Amount
*LS1109205	EACH		1.00	0.00	0.00	8,110.010	8,110.01
2011 ELGIN MEGAWIND FAN-S45GI-334DH-HARDOX 500-CW							
*LS1091056	EACH	A1	1.00	0.00	0.00	326.900	326.90
AY-FAN SHAFT							
LS1127111	EACH	A1	2.00	0.00	1.00	278.080	556.16
PILLOW BLOCK BEARING							

CAN SHIP COMPLETE IN 10-15 DAYS, ARO
PRICES INCLUDE DELIVERY TO YOUR DOOR.

Net Order:	8,993.07
Less Discount:	0.00
Freight:	0.00
Sales Tax:	0.00
Order Total:	8,993.07
Less Deposit:	0.00

Long Island Sanitation Equipment Co.

#58

Quote

1670 New Highway • Farmingdale, NY 11735

Date	Quote No.
3/4/2020	1808

Name / Address
TOWN OF CARMEL HIGHWAY DEPARTMENT 55 McALPIN AVENUE MAHOPAC, NY 10541

Ship To
TOWN OF CARMEL HIGHWAY DEPARTMENT 55 McALPIN AVENUE MAHOPAC, NY 10541

P.O. No.	Serial #	Truck #	Make	Model
	MX3038		ELGIN	MEGA WIND

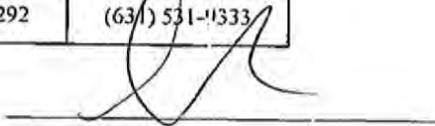
Item	Description	Qty	Cost	Total
EG 1109205	FAN-S45GI-334DH-HARDOX 500-CW	1	8,587.07	8,587.07
EG 1091056	IMPELLER SHAFT W/ KBY	1	346.13	346.13
EG 1127111	BEARING	2	305.65	611.30

-----RETURN POLICY-----
 -NO RETURNS ON SPECIAL ORDER ITEMS
 -NO RETURNS ON ELECTRICAL ITEMS
 -NO RETURNS ON HYDRUALIC VALVES
 -STOCK ITEMS ARE SUBJECT TO A 20% RESTOCK FEE
 -NO RETURNS AFTER 30 DAYS
 -RETURN MUST BE IN ORIGINAL PACKAGING
 -NO RETURNS ON OPEN SEAL KITS

Subtotal	\$9,544.50
Sales Tax (0.0%)	\$0.00
Total	\$9,544.50

Phone #	Fax #
(631) 531-9292	(631) 531-4333

Signature



TOWN OF CARMEL 3/25/2020 Work Session Agenda Item #4 unaudited **

GENERAL AND HIGHWAY FUND COMBINED FUND EQUITY (YEARS 2013-2019)

DESCRIPTION	2013	2014	2015	2016	2017	2018	2019	
GENERAL FUND								
RESERVE FOR PREPAID EXPENSES	514,577	450,029	393,897	389,280	408,839	371,705	382,894	
RESERVE FOR ENCUMBRANCES	55,713	89,518	118,210	152,275	378,818	500,516	547,344	
RESERVE FOR COMPENSATED ABS	1,000,000	1,000,000	1,000,000	1,440,000	1,615,000	1,785,000	1,815,000	*Need Reso
DESIGNATED FOR TAX CERTIORARI	770,000	770,000	770,000	770,000	770,000	770,000	1,070,000	*Need Reso
DESIGNATED FOR RETIREMENT CONTRIBUTIONS	200,000	200,000	200,000	200,000	200,000	200,000	200,000	
DESIGNATED FOR CAPITAL PROJECTS	200,000	500,000	500,000	750,000	1,000,000	1,500,000	2,000,000	*Need Reso
DESIGNATED RESERVE VEHICLE PURCHASES	80,000	150,000	150,000	150,000	150,000	150,000	150,000	
UNRESERVED DESIGNATED EQUITY-FY	400,000	400,000	400,000	400,000	400,000	400,000	400,000	
UNRESERVED DESIGNATED EQUITY - SUBSEQUENT YEARS BUDGET	-		-	-	-	-	-	
UNRESERVED UNDESIGNATED EQUITY**	1,227,425	1,532,712	2,172,921	2,881,689	3,487,762	3,319,837	3,309,458	
TOTAL GENERAL FUND EQUITY	\$ 4,447,715	\$ 5,092,259	\$ 5,705,028	\$ 7,133,244	\$ 8,410,419	\$ 8,997,058	\$ 9,874,696	
HIGHWAY FUND								
RESERVE FOR PREPAID EXPENSES	123,500	117,500	112,500	97,000	128,875	120,500	126,250	
RESERVE FOR CAPITAL PURPOSES		100,000	150,000	150,000	100,000	250,000	190,000	
RESERVE FOR COMPENSATED ABSENCES	300,000	300,000	300,000	300,000	300,000	300,000	325,000	*Need Reso
RESERVE FOR SNOW REMOVAL/ROADS	350,000	500,000	450,000	600,000	750,000	750,000	750,000	
UNRESERVED DESIGNATED EQUITY	37,623	61,719	111,856	296,914	474,431	298,687	295,526	
UNRESERVED UNDESIGNATED EQUITY								
TOTAL HIGHWAY FUND EQUITY	\$ 811,123	\$ 1,079,219	\$ 1,124,356	\$ 1,443,914	\$ 1,753,306	\$ 1,719,187	\$ 1,686,776	
TOTAL GENERAL & HIGHWAY EQUITY	\$ 5,258,838	\$ 6,171,478	\$ 6,829,384	\$ 8,577,158	\$ 10,163,725	\$ 10,716,245	\$ 11,561,472	

Town of Carmel, New York

December 31, 2019

		Amount	Compensated Abs	Retirement Contribution Reserve	Committed for future budgets	Designated Tax Certs	Designated for future Capital Project	Designated Vehicle Purchases
Balance at	01/01/19	8,997,059	1,785,000	200,000	400,000	770,000	1,500,000	150,000
Revenues	2019	20,884,251	30,000	-	-	300,000	500,000	
Expenses	2019	(20,006,614)		-	-	-		
Balance at	12/31/19	<u>9,874,696</u>	<u>1,815,000</u>	<u>200,000</u>	<u>400,000</u>	<u>1,070,000</u>	<u>2,000,000</u>	<u>150,000</u>

Fund Balance Analysis:

Nonspendable								
Prepaid expenditures		382,894						<i>Agrees to prepaid expenditures on balance sheet</i>
Restricted								
Compensated Absences		1,815,000						
Retirement Contribution Reserve		200,000						
Committed								
Future budgets		400,000						
Designated for future capital projects		2,000,000						
Designated for Vehicle Purchase		150,000						
Assigned								
Designated for tax certs		1,070,000						
Designated for subsequent years		360,000						
Encumbrances		547,344						
Unassigned								
Unrestricted		<u>2,949,458</u>						
		<u>9,874,696</u>						

Town of Carmel, New York

December 31, 2019

		<u>Amount</u>	<u>Compensated Abs</u>	<u>Snow/ Ice Reserve</u>
Balance at	01/01/19	1,719,187	325,000	750,000
Revenues	2019	8,847,194	-	-
Expenses	2019	<u>(8,879,604)</u>	<u>-</u>	<u>-</u>
Balance at	12/31/19	<u><u>1,686,777</u></u>	<u><u>325,000</u></u>	<u><u>750,000</u></u>
			-	-

Fund Balance Analysis:

Nonspendable				
Prepaid expenditures		126,250	120,500	
Restricted				
Compensated Absences		325,000	300,000	
Ice/Snow Reserve		750,000	750,000	
Capital Purposes		190,000	-	
Assigned				
Designated for subsequent years		-		
Encumbrances		-		
Unassigned				
Unrestricted		<u>295,527</u>		
		<u><u>1,686,777</u></u>		

-

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: March 19, 2020

Re: CSD#2 WWTP - Return Sludge Pump Replacement

Inframark, the operators of Carmel Sewer District 2 (CSD 2) wastewater treatment plant (WWTP) has advised the Engineering Department (Department) that one (1) of the two (2) return sludge pumps with service the CSD2 WWTP has failed. The pump is from the original 1997 plant commissioning.

This Department received the attached quote to rebuild the pump for \$23,025.00. In an effort to seek competitive pricing, this Department was able to locate a company in Canada, that can supply the exact replacement pump, which would eliminate the need for any replumbing to accommodate a different style pump. The company is ABBA and the amount of the pump, including delivery, is \$17,297.00. A copy of the quote is attached. The new pump is both less expensive than the rebuild and is a better long-term solution for the Plant.

Although there is still one pump in service, we have determined that the missing pump places the Town in jeopardy of regulatory non-compliance and the potential failure of the serviceable pump constitutes an emergency. As such, we proceeded with the order on March 19, 2020, and expect delivery in 8-9 weeks. We did request expedited delivery.

Per the attached there are sufficient funds in the CSD 2 budget to make this purchase.

This is to inform the board of the actions taken on this matter.

All Makes Pump & Motor Repair Inc.

1735 Front Street
 Yorktown Hts., NY 10598
 Ph: 914-243-3645
 Fax: 914-243-3661

QUOTATION

Date	Estimate #
12/9/2019	18-1867

CUSTOMER
Town of Carmel Engineering Dept. 60 McAlpine Ave Mahopac NY 10541

Terms	Rep	Delivery	Job
Net 30	BD	6-8 weeks	Sewage Pump

Qty	Description	Unit Price	Total
1	Complete rotating assembly for a Fairbanks Morse model B5443 6" 1 stage dry pit sewage ejector rated for 1530GPM@57"TDH at 1750RPM with a 9.85" impeller diameter (original s/n K4C1-062042-0) *Rotating assembly is the complete pump less the casing / volute and the motor bracket The above rotating assembly will come with a clockwise (RH) rotation impeller - due to the piping arrangements at the station one of the existing pumps is clockwise (RH) rotation and the second is counter clockwise (LH) rotation - in order to use the new rotating assembly for either pump a counter clockwise (LH) impeller would also be required		16,200.00
1	Counter clockwise (LH) 9.85" diameter impeller with stainless steel impeller ring for a Fairbanks Morse model B5443 *Another option would be to order 2 complete rotating assemblies (1-RH & 1-LH) @ \$16,200.00 each *Incoming freight is included in pricing		6,825.00
		Total	\$23,025.00

Signature _____



ABBA PUMP PARTS & SERVICE
www.abbaparts.com

Parts Quotation

Customer: CARMEL, TOWN OF
Contact: Rob Vara
E-Mail: rjv2@ci.carmel.ny.us
Reference: _____

Date: Jan-11-2020
Quote Number: C-FMNA-29159-1
ABBA Job #
Customer Order# _____
Order Date: _____
Phone: 845-628-1500 EX183
Fax: -

Genuine ABBA Performance™ + Parts to Fit:

Make: Fairbanks Morse
Model: B5443 Size: 6"
Capacity: 1530 GPM
Head: 57 Feet
Speed: 1775 RPM
Imp Dia.: 9.85 Inches

Serial #/Year: K4C1-062042-0
Power Frame #: T30
Rotation: *** When Viewed From Driver End
Wear Rings: ***
Stuffing Box: ***
Motor: HP: 40 Frame: _____

*** Please Confirm When Placing Order

QTY	Part #/Name	Material	ABBA #	OEM #	Net Price (Each)
-----	-------------	----------	--------	-------	------------------

1 **COMPLETE ABBA REPLACEMENT PUMP MODEL FMN0643/T30** **\$11,100.00**

Includes: Volute, Fronthead, Base, Elbow***, Impeller, Packed Stuffing Box and Complete Bearing Frame. All parts and components are in standard material and construction. Replacement pump is a drop in replacement.

Price Does Not Include: Motor, Coupling, or Motor Stand

Note:

At time of order please advise:

Required Elbow - 6x8 or 6x6 - Same Price will be offer for both options.

Required Impeller Rotation

Option:

X-1	Wear Ring - Fronthead	410 St. St.	FMN-06016-00000-502-B	\$295.00
X-1	Wear Ring - Impeller	410 St. St.	FMN-06017-00000-502-A	\$295.00
X-1	ADDER: Double Mechanical Seal - Type 1 (Carbon/Ceramic)			\$1,249.00
1	ADDER: High Ring Motor Stand - Fab Steel			\$1,890.00
1	40HP 1800RPM 3/60/230-460V 324VP ODP (WPI) Motor with Coupling (12 Week Leadtime)			\$4,307.00

Freight: Included
Taxes: Extra if Applicable

Shipment: 8 - 9 Weeks
Subject to plant loading and may change at time of order

Terms & Conditions: See attached - APS-Schedule C, Rev. 4 10/05/19.

FOB: Burlington, ON, Canada

Price Valid For 30 Days

Payment Terms: Net 30 Days (O.A.C.).

REF. **1** ORDER THESE ITEMS

Quoted by: Brayden Pandopulos
brayden_P@abbaparts.com

5370 Munro Court - Burlington, Ontario, Canada - L7L 5N8 - Tel: 905.333.2720 1.800.268.5142 Fax: 905.333.0973

TERMS AND CONDITIONS

Unless otherwise amended in our quotation, the following terms and conditions shall apply and buyer's acceptance of these terms is evidenced either by buyer's purchase order (any contrary terms and conditions of which shall be disregarded) or by accepting delivery of any shipment hereunder.

US Customers: Prices quoted are in US dollars and where applicable include US import brokerage fees. Federal, State and Local taxes are not included.
Canadian Customers: Prices quoted are in Canadian dollars. Federal and provincial sales taxes are NOT included.

This quotation is valid for acceptance within 30 days of the issue date. Any delay in ABBA receiving an official purchase order beyond 30 days from issue date and/or any delay in ABBA receiving approval to proceed with manufacture beyond 30 days from issue of approval drawings may result in changes to price and/or delivery.

All orders are subject to ABBA's credit review. Terms of payment with ABBA's credit approval shall be as follows:

- a) On all orders under \$30,000, net cash within 30 days after shipment,
- b) On all orders \$30,000 and over as follows:
 - 30% with order or approval to proceed with manufacture, whichever is later,
 - 50% prior to shipment
 - 20% within 30 days after shipment

These terms shall apply to partial and complete shipments. Buyer agrees to make full payment under these terms without holdback or setoff.

Interest will be charged on all overdue accounts at an annual rate of 18%.

If buyer is delinquent in payment of accounts at any time or if in ABBA's judgement buyer's credit becomes impaired or unsatisfactory, ABBA may, in addition to other remedies, cancel buyer's credit, stop further performance and demand cash, security or other adequate assurance of payment before proceeding further with buyer's orders.

Buyer cannot cancel or alter the order without ABBA's written consent. If ABBA grants such consent, buyer shall reimburse ABBA for all losses and expenses caused by such cancellation or alteration. If buyer cancels the order, buyer shall pay ABBA's minimum cancellation charge of 15% of the purchase price and any damages or expenses caused by such cancellation that exceed 15% of the purchase price.

ABBA warrants **REPLACEMENT PARTS** manufactured by it to be free from factory defects in material and workmanship under normal use and service for a period of **nine months from date of shipment or six months from date of installation**, whichever comes first. ABBA warrants **REPLACEMENT ASSEMBLIES AND PUMPS** manufactured by it to be free from factory defects in material and workmanship under normal use and service for a period of **eighteen months from date of shipment or twelve months from date of installation**, whichever comes first. ABBA's obligation shall be limited to the repair or replacement of any parts at our option, FOB factory. Buyer shall be responsible for all service, labour and transportation charges relating to dismantling of equipment, return of defective parts and re-installation of repaired or replacement parts and any damages or delays caused by defective materials or workmanship. A determination of warranty coverage will be made by ABBA following ABBA's inspection of subject parts. ABBA does not accept any backcharge for any attempted repair or replacement costs initiated without ABBA's written consent prior to the commencement of such work. Accessories and components not manufactured by ABBA are warranted only to extent of the original manufacturer's warranty to ABBA.

ABBA does not warranty or guarantee hydraulic or mechanical performance of its parts when they are installed in equipment supplied by others or which itself may be worn. Any production or performance estimates or standards furnished by ABBA depend on many variable factors. Such estimates are not guaranteed.

Delivery dates are estimates only. **Estimated lead time is based on plant loading at time of quotation and is intended as a guide for our customers. Actual lead times may be revised at time of order.** Please contact your ABBA representative if specific delivery requirements are needed. ABBA shall not be liable for any total or partial failure to deliver or for any delay in delivery due to causes beyond its control.

ABBA shall not be liable in any event for any special, indirect or consequential damages on account of failure or delay in performance regardless of cause.

If buyer is in default (including but not limited to the failure of buyer to maintain a current account with ABBA) under these terms and conditions, buyer's rights under the warranty shall be suspended and the original warranty period will not be extended.

All orders will be shipped FOB ABBA's factory. **Buyer shall bear all risk and responsibility for damage or loss to the equipment after ABBA delivers the equipment to the carrier at its point of shipment.** These conditions apply to all shipments even if ABBA prepays the freight company's charges.

Title to products shall not pass until full payment is received by ABBA.

No employee, agent, dealer or distributor of ABBA has any authority to change or enlarge the terms of this quotation or order, unless it is in writing and signed by an authorized signing officer of ABBA.

DISCLAIMER

ABBA Parts and Service manufactures and supplies replacement parts and assemblies to fit a wide range of OEM pumps. Any use of OEM names, trademarks, model no., part no., or serial no. is for reference only.

ABBA is not a distributor or agent nor affiliated in any way with the referenced OEM.

From: [Esteves, Donna](#)
To: [Franzetti, Richard](#)
Subject: RE: 03-12-2020 Purchase of Pump for CSD# 2 -EMERGENCY
Date: Thursday, March 19, 2020 12:42:41 PM

Yes there are sufficient funds in the budget for this expense.

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

From: Franzetti, Richard
Sent: Thursday, March 19, 2020 12:42 PM
To: Esteves, Donna
Subject: FW: 03-12-2020 Purchase of Pump for CSD# 2 -EMERGENCY

Please advise if there are sufficient funds in the CSD 2 budget for this purchase

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

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: Vara, Rob
Sent: Thursday, March 12, 2020 11:17 AM
To: Esteves, Donna <de@ci.carmel.ny.us>
Cc: Franzetti, Richard <rjf@ci.carmel.ny.us>; Tenefrancia, Michelle <mt@ci.carmel.ny.us>; Maxwell, Mary Ann <mam@ci.carmel.ny.us>
Subject: 03-12-2020 Purchase of Pump for CSD# 2 -EMERGENCY

DE,

Provided below is for the record:

CSD#2 Has 2 return sludge pumps. One pump has failed. The other pump is not functioning at 100% and given the fact that it is now serving double duty, I have concerns about a future failure Based upon our investigation, we believe that the pumps were commissioned in 1997 as part of the Sewer Plant upgrade. The pumps are therefore 23 years old. The pump is a Fairbanks- Morse. The only place I could find that can supply another pump I ABBA Pumps Parts and Service, located in Ontario, Canada. ABBA provided the attached quote. The entire quote for the Pump, motor and pump stand is \$17,297.00

Based upon the above, we are going to proceed with this purchase as an emergency.

Please open a Purchase order and forward it to me, so that I can proceed with the purchase.

Robert Vara
Engineering Projects Coordinator
Town of Carmel
Carmel Town Hall
60 McAlpin Avenue
Mahopac, New York 10541
Ph. 845-628-1500 ex. 183 Fax:845-628-7085

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: March 19, 2020

Re: Emergency Repairs/Services

This memorandum is being presented to the Town Board to advise the Board of emergency invoices that were submitted for payment in excess of \$5,000.00 for services rendered. The following provides a brief a summary of the work that was performed.

- Carmel Water District 8

Saddle replacement at 7 and 8 High Ridge Rd

Attached is an invoice in the amount of \$5,674.60 for Kuck Excavating for services on February to install 2 new saddles and $\frac{3}{4}$ in copper lines to the curb valve.

- Carmel Water District 10

Emergency Valve Repair at Hilltop and Crest Dr.

Attached is an invoice in the amount of \$6,087.24 for Kuck Excavating to expose and repair the broken valve on February 25 at the intersection of Hilltop and Crest Dr.

Water Valve Repair at 12 Crest Dr.

Attached is an invoice in the amount of \$6,304.60 for Kuck Excavating for a curb valve repair and lawn restoration at 12 Crest Dr.

We request that this memorandum be put into the agenda as a matter of record.

Ed Kuck Excavating Inc20 Day Road
Carmel, NY 10512INV # TOC-018-20
CWD #8
REQ #
Vendor 0670
Tax ID - 133851002

Attention: Rob Vera

EMERGENCY: 2- 3/4 "SADDLES ROTTED OFF

Respond as per: BEE& JAY

Job Location: #7 & #8 High Ridge Road

Work Completed on: 2/21/2020

Start time: 7:30 AM

End Time: 3:30 PM

8 hours

Job Description:

- Dug up saddle connections on main in shoulder of road under walkway
- Both saddles rotted and plugged with rust
- Installed 2 new saddles & ¾ " copper lines to curb valve
- Reconnected service line and restored area

Materials / Equipment/ Labor	Total Hrs,yds,qty	Price per yd, qty, day	Total
Track Hoe MR55	8	\$85.00 per hour	680.00
Dump Truck	8	\$90.00 per hour	720.00
Support Vehicle	Day rate	\$155.00	155.00
Chop Saw	Day rate	\$ 70.00	
Jumping Jack	Day rate	\$70.00	
Plate tamper	Day rate	\$70.00	
Mud Sucker	Day rate	\$70.00	70.00
Locater	Day rate	\$70.00	
Machine Hammer	Day rate	\$250.00	
Machine operator	8 Hrs X 1 man	\$184.18	1,473.44
Laborers	8 Hrs X 2 men	\$159.30	2,548.80
Item 4		\$40.00 per yard	
Seed	1/8 bag	\$96.00 bag	12.00
Top soil		\$50.00	
Blacktop		\$114.00 per ton	
Cold Patch		\$140.00 per ton	
Hay	1 bag	\$15.36 bag	15.36
Total			\$5,674.60

Ed Kuck Excavating Inc

20 Day Road
 Carmel, NY 10512

INV # TOC-020-20
 CWD # 10
 REQ #
 Vendor 0670
 Tax ID - 133851002

Attention: Rob Vera

EMERGENCY: BROKEN VALVE

Respond as per: BEE & JAY

Job Location: Intersection of Hilltop & Crest Drive

Work Completed on: 2/25/2020

Start time: 8 AM End Time: 4 PM 8 HOURS

Job Description:

SAW CUT ROAD, HAMMERED BLACKTOP, DUG UP AND EXPOSED VALVE
 BACKFILL AND COMPACT

Materials / Equipment/ Labor	Total Hrs,yds,qty	Price per yd, qty, day	Total
Track Hoe MR55	Hours 8	\$85.00	\$680.00
Dump Truck	Hours 8	\$90.00 per hour	\$ 720.00
Support Vehicle	Day rate	\$155.00	\$155.00
Chop Saw	Day rate	\$ 70.00	70.00
Jumping Jack	Day rate	\$70.00	70.00
Plate tamper	Day rate	\$70.00	
Mud Sucker	Day rate	\$70.00	
Locater	Day rate	\$70.00	
Machine Hammer	Day rate	\$250.00	250.00
Machine operator	8 Hrs X 1 man	\$184.18	1,473.44
Laborers	8 Hrs X 2 men	\$159.30	2,548.80
Item 4	yards 3	\$40.00 per yard	120.00
Seed		\$96.00 bag	
Top soil		\$50.00	
Blacktop		\$114.00 per ton	
Cold Patch		\$140.00 per ton	
Hay		\$15.36 bag	
Total			\$6,087.24

Ed Kuck Excavating Inc

20 Day Road
 Carmel, NY 10512

INV # TOC-021-20
 CWD #10
 REQ #
 Vendor 0670
 Tax ID - 133851002

Attention: Rob Vera

EMERGENCY:LEAKING 4 inch steel main

Respond as per: BEE & JAY
 Job Location: #12 Crest Drive
 Work Completed on: 2/26/2020
 Start time: 8:00 am

End Time: 4 pm 8 hours

Job Description:

- Dug up leak on 4 inch line
- Cut in valve where leak was
- Restored lawn area
- Restored blacktop from valve repair

Materials / Equipment/ Labor	Total Hrs,yds,qty	Price per yd, qty, day	Total
Track Hoe MR55	8	\$85.00 per hour	\$ 680.00
Dump Truck	8	\$90.00 per hour	720.00
Support Vehicle	Day rate	\$155.00	155.00
Chop Saw	Day rate	\$ 70.00	70.00
Jumping Jack	Day rate	\$70.00	70.00
Plate tamper	Day rate	\$70.00	70.00
Mud Sucker	Day rate	\$70.00	70.00
Locater	Day rate	\$70.00	
Machine Hammer	Day rate	\$250.00	
Machine operator	8 Hrs X 1 man	\$184.18	1473.44
Laborers	8 Hrs X 2 men	\$159.30	2548.80
Item 4		\$40.00 per yard	
Seed	1/8 BAG	\$96.00 bag	12.00
Top soil		\$50.00	
Blacktop		\$114.00 per ton	
Cold Patch	3 tons	\$140.00 per ton	420.00
Hay	1 BAG	\$15.36 bag	15.36
Total			\$ 6,304.60

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: March 19, 2020

Re: CWD#2 Filter Bag Replacement

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 their serviceable life span and are beginning to tear and separate. There are three (3) filters at CWD 2, each with 19 filter screens.

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 with cover the suction manifold and allows the DE to build up thus creating a filter layer. The tearing and separating of the filter bags result in a loss of DE and diminished 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 is able to identify only one (1) manufacturer, Treatment Specialists, who can supply the requisite filter bags. Inframark requested and received the following cost for the filter bag installation:

- 56 (48"x60") filter bags are need for the three (3) filter units at a cost of \$195.00 per filter bag. Total cost \$10,920.00.
- Three (3) Outlet Leaf elements at a cost of \$595.00 per filter bag. Total cost \$1,785.00.
- Installation cost is \$4,950.00
- Shipping cost \$600.00

The total cost for purchase and installation for the filter screens is \$18,255.00.

Inframark has indicated that the current filter screens are approximately two (2) years old and have a life expectancy of two (2) 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 \$18,255.00. I request that this matter be placed on the next Town Board work session.



TOWN OF CARMEL
ENGINEERING
REQUEST FOR PURCHASE OR REPAIR
District: CWD 2

Inframark, LLC
2 Renwick Street
Newburgh, NY 12550
United States

T: +1 845 228 0460
www.inframark.com

Date of Request: 3-11-20

Item requested: D.E. filter bags and components

Purpose of item: Necessary consumable items that have a lifespan of approximately 2 years for the membrane filter to maintain efficient filtration of water at CWD 2.

Estimated age of equipment to be replaced / repaired: 2 years

Estimated life expectancy of new equipment / repair: 2 years

Labor cost for installation and/or repair: Included

Vendor #1:	Treatment Specialties / Mer-Made Filter	Cost: \$18,255.00
Vendor #2:	Sole-source item and is custom made to fit by hand. Approved Town of Carmel vendor.	Cost:
Vendor #3:		Cost:

TREATMENT SPECIALTIES/MER-MADE FILTER

25 ARROW RD * RAMSEY, NJ 07446

PH: 201-236-1720 FAX: 201-236-0291

To: THOMAS BRANN

From: MARY ZIELINSKI

CO.: TOWN OF CARMEL

DATE: MARCH 10, 2020

RE: QUOTE #2020-310A REV

PER YOUR REQUEST WE ARE PLEASED TO QUOTE THE FOLLOWING:

QTY	DESCRIPTION	PRICE	EXT.PRICE
40	48 X 60 BIF STYLE CORNER OUTLET FILTER COVERS W/ZIPPERS FOR FILTERS 1 & 2	\$ 195.00 EA	\$ 7,800.00
16	48 X 60 M-M CORNER OUTLET FILTER COVERS W/ZIPPERS FOR FILTER	\$ 195.00 EA	\$ 3,120.00
3	48 X 60 BIF STYLE CORNER OUTLET FILTER LEAF ELEMENTS	\$ 595.00 EA	\$ 1,785.00
1	INSTALLATION OF ABOVE	\$ 4,950.00	\$ 4,950.00
	<u>FREIGHT</u>		\$ 600.00
	TOTAL		\$ 18,255.00

LEAD TIME FOR COVERS IS 4-5 WEEKS ARO

INSTALLATION TO BE SCHEDULED WHEN TIME IS AVAILABLE AFTER COVERS ARE DONE.

QUOTE VALID FOR 30 DAYS

FW: Quote 2020-310A REV

Brann, Thomas <thomas.brann@inframark.com>

Tue 3/10/2020 3:35 PM

To: Harris, Carrie <Carrie.Harris@inframark.com>

Cc: Faust, Amanda <amanda.faust@inframark.com>; LaTourette, Wayne <wayne.latourette@inframark.com>; Papagianakis, Vangelis <Vangelis.Papagianakis@inframark.com>

📎 1 attachments (64 KB)

TSMQ QUOTE 2020-310A REV Town of Carmel.doc;

Carrie,

Please use this updated quote for our PO request, Please disregard the one I forwarded to you earlier today.

Please, request a PO for following Items for CWD 2, for De-Filter bags and components . This a Sole source Item and is custom made to fit by Hand.. This is approved vender for the Town of Carmel. Normal Life span is approximate 2 years.

Tom Brann

From: Mary Zielinski <mary@treatmentspecialties.net>

Sent: Tuesday, March 10, 2020 3:26 PM

To: Brann, Thomas <thomas.brann@inframark.com>

Subject: Quote 2020-310A REV

Dear Tom,

Per your request please find attached revised quote 2020-310A.

Best Regards,
Mary Zielinski
Treatment Specialties/Mer-Made Filter
Div.of Liquid-Solids Separation
25 Arrow Road
Ramsey,NJ 07446
201-236-1720 x104
201-236-0291 fax
mary@treatmentspecialties.net

WARNING: This email originated outside of Inframark. Take caution when clicking on links and opening attachments.

From: [Esteves, Donna](#)
To: [Franzetti, Richard](#)
Subject: 03-17-20 ~ CWD2 ~ Filter Bags
Date: Tuesday, March 17, 2020 10:32:46 AM
Attachments: [Filter Bags.pdf](#)

Rich,

Please see attached request for filter bags for CWD2 that will require authorization from the Board for payment. There are sufficient funds in the budget for this expense.

Thanks,

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

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: March 19, 2020

Re: C-260 CSD2 Sand Filter Roof

On Monday, March 13, 2020 at 11:00 am Bids were opened by the Town Clerk for the above project.

The scope of work involves the reconstruction of the Carmel Sewer District 2 (CSD2) sand filter building roof. Delaware Engineering has completed the attached Bid Evaluation and Recommendation to Award.

TAM Enterprises was the lowest bidder at \$598,000.00. Per the Town Comptroller, this expense was not budgeted in the annual 2020 budget. However, there was a surplus of slightly over \$200k in CSD #2 at year end 2019. This surplus along with the significant balance in the unreserved fund balance for CSD #2 can cover the cost of \$598,000 for the sand filter replacement.

Based on an evaluation of bid amounts, experience of bidder and project references we recommend that the Contract be awarded to TAM Enterprises as the lowest responsible bidder for this project.

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: March 19, 2020

Re: C-260 CSD2 Sand Filter Roof

On Monday, March 13, 2020 at 11:00 am Bids were opened by the Town Clerk for the above project.

The scope of work involves the reconstruction of the Carmel Sewer District 2 (CSD2) sand filter building roof.

Delaware Engineering has completed the attached Bid Evaluation and Recommendation to Award.

Based on an evaluation of bid amounts, experience of bidder and project references we recommend that the Contract be awarded to TAM Enterprises as the lowest responsible bidder for this project.



Delaware Engineering, DPC

28 Madison Avenue Extension
Albany, New York 12203

Tel: 518.452.1290
Fax: 518.452.1335

March 19, 2020

Richard J. Franzetti, P.E.
Town Engineer
Town of Carmel
60 McAlpin Avenue
Mahopac, NY 10541

Subject: Carmel Sewer District 2 Filter Building Roof Replacement Contract#C-260
Recommendation for Award

Dear Mr. Franzetti:

On March 13, 2020 the Town of Carmel received bids for the construction of the filter building roof replacement at the Town of Carmel Sewer District 2(CSD#2) Waste Water Treatment Plant. Delaware Engineering, D.P.C. has reviewed the bid results for conformance with the project specifications. Attached is a complete copy of the bid results for the project. The low bidder was TAM Enterprises, Inc.

Contract #C-260 – General Construction – TAM Enterprises, Inc. of Goshen, NY - \$598,000.00

The low bidder is in conformance with the project bid requirements. The bid is above the Engineer's cost estimate and this increase was not budgeted in the 2020 budget. However, according to the Town Comptroller there was a \$200,000 surplus in CSD#2 at the end of 2019. This along with a significant balance in the unreserved fund balance for CSD#2 can cover the increased cost. Based on the bid results received and a review of the bids conformance to the project specifications, Delaware Engineering, D.P.C. is recommending that the Town of Carmel award the noted contract for the construction of the proposed upgrades to the apparent low bidders.

Delaware Engineering also recommends that, prior to award, Town of Carmel have its legal counsel review the bonds and bid documents submitted. If you have any questions regarding the bid results, bidding process or any other project issues, please feel free to contact me at (518) 452-1290. We look forward to moving ahead on this very important project.

Sincerely,

A handwritten signature in black ink that reads "Ablen Amrod".

Ablen Amrod, P.E.
Project Manager

TOWN OF CARMEL

CARMEL SEWER DISTRICT NO. 2

SAND FILTER BUILDING ROOF REPLACEMENT

CONTRACT C 260

BID EVALUATION AND

RECOMMENDATIONS TO AWARD

MARCH 19, 2020

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
1.0	EXECUTIVE SUMMARY	3
2.0	RECEIPT OF BIDS.....	3
3.0	BID EVALUATION	3
4.0	RECOMMENDATIONS.....	5

ENCLOSURES

ATTACHMENT A: BID TABULATION

ATTACHMENT B: BIDS RECEIVED

1.0 EXECUTIVE SUMMARY

The office of Delaware Engineering, DPC has completed the Engineer’s evaluation of bids received by the Town of Carmel for the Carmel Sewer District No. 2 Sand Filter Building Roof Replacement Project. Bid documents were prepared by Delaware Engineering and bids were opened and recorded by representatives of the Town on March 13, 2020.

A total of ten (10) sets of bid documents were picked up by prospective bidders and contractor bidding service providers in response to the advertised invitation to bid.

Six (6) contractors attended the mandatory March 3, 2020 pre-bid meeting. One (1) addenda were issued by Delaware Engineering to amend/clarify information contained in the bid documents, in response to questions and comments forwarded by prospective bidders.

The results of the Engineer’s bid tabulation indicate that TAM Enterprises, Inc. of Goshen, NY submitted the lowest numerical bid for the project.

2.0 RECEIPT OF BIDS

Bids were received for the Carmel Sewer District No. 2 Sand Filter Building Roof Replacement Project at 11:00 AM on March 13, 2020. Of the six (6) prospective Contractors in attendance at the pre-bid meeting, two (2) submitted bids representing a response rate of thirty-three percent.

Table-1 below includes a summary of the bids received, arranged in ascending order of the total bid amount.

TABLE-1

**TOWN OF CARMEL
CARMEL SEWER DISTRICT NO. 2
SAND FILTER BUILDING ROOF REPLACEMENT PROJECT**

BIDDER	BID AMOUNT	CONTACT
1. TAM Enterprises, Inc.	\$598,000.00	Cliff Bell
2. Barrett, Inc	\$1,225,000.00	Kurt Ryker

3.0 BID EVALUATION

The attached Bid Tabulation form includes a summary description of the required forms/information to be submitted by each bidder along with verification that said materials were completed and provided by each bidder in accordance with the Contract Documents.

All bids are higher than the Engineer's estimate of \$320,875.00. That estimate was based on RS Means and pricing received on similar projects over the past 12 months. When questioned, the bidders identified keeping the facility occupied and operational during construction as a determining factor in the higher than usual bid. The spread across the three low bidders, from low to high, is \$627,000.00. The percentage difference between the low bidder and bidder number 2 is 48%. The low bidder is a contractor that worked for the Town on a prior roof replacement for Carmel Sewer District 7 (June 2012). They are both intimately familiar with construction conditions in this area. This combination of factors indicates that the bidding environment is not very competitive at this time. In speaking with the contractors all bidders thoroughly understood the bid documents.

Provided below is a summary description of the Delaware Engineering evaluation and assessment of completed Bid Proposals submitted by each of the two (3) lowest bidders.

3.1 **TAM Enterprises, Inc.** (Bidder No. 1 hereinafter) submitted the lowest numerical bid amount.

3.1.1 Accuracy of the Bid

No errors were found on the bid form submitted by Bidder No.1. The sum total amount of payment Items G1-7 matched the overall contract bid price of \$598,000.00.

As indicated on the attached Bid Tabulation form, Bidder No. 1 provided all requisite forms/information in the completed Bid Proposal.

3.1.2 Qualifications

Bidder No. 1 is known to Delaware Engineering and to the Town. The quality of their work and their manpower has been repeatedly demonstrated on multiple contracts for the Town, including roof replacement work in this district. Contacting Bidder No. 1's references was not considered necessary given the history of successful project completion for the Town.

3.2 **Barrett, Inc.** (Bidder No. 2 hereinafter) submitted the second lowest numerical bid amount.

3.1.1 Accuracy of the Bid

No errors were found on the bid form submitted by Bidder No.2. The sum total amount of payment Items G1-7 matched the overall contract bid price of \$1,225,000.00.

As indicated on the attached Bid Tabulation form, Bidder No. 2 provided all requisite forms/information in the completed Bid Proposal.

3.1.2 Qualifications

Bidder No. 2 is known to Delaware Engineering. They are a large roofing company and have performed quality work throughout the North East.

4.0 RECOMMENDATIONS

Delaware Engineering has reviewed the completed Bid Proposals submitted by each of the bidders for the Carmel Sewer District No. 2 Sand Filter Building Roof Replacement Project.

All of the bidders evaluated herein submitted conforming bids. Each demonstrates recent, relevant work, and each is well known to Delaware Engineering.

The bid is above the Engineer's cost estimate and this increase was not budgeted in the 2020 budget. However, according to the Town Comptroller there was a \$200,000 surplus in CSD#2 at the end of 2019. This along with a significant balance in the unreserved fund balance for CSD#2 can cover the increased cost. Based on the bid results received and a review of the bids conformance to the project specifications, Delaware Engineering, D.P.C. is recommending that the Town of Carmel award the noted contract for the construction of the proposed upgrades to the apparent low bidders.

ATTACHMENT A
BID TABULATION

Town of Carmel
Sewer District #2 Roof Replacement
Bid Tabulation
March 19, 2020

	TAM Enterprises	Barrett Roofing
G.1 Mobilization	\$29,841.00	\$75,000.00
G.2 Demolition	\$87,792.00	\$360,000.00
G.3 New Roof & Trusses	\$399,770.00	\$580,000.00
G.4 Select Structural	\$13,717.00	\$80,000.00
G.5 Repair Cementitious Ceiling	\$33,600.00	\$98,000.00
G.6 Select Plywood North Roof	\$4,000.00	\$12,800.00
G.7 Replace Accoustical Ceiling	\$14,280.00	\$4,200.00
Allowance	\$15,000.00	\$15,000.00
Total	\$598,000.00	\$1,225,000.00

**ATTACHMENT B
BIDS RECEIVED**

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: March 19, 2020
Re: CSD#2 Thickener Supernatant Pump

Inframark the operators for Carmel Sewer District #2 (CSD#2), has alerted the Engineering Department (Department) that the pump thickener overflow pump needs to be replaced.

This unit an original piece of equipment and, as part of the plant operations, is needed to pump sludge to the head of the plant. Life expectancy is generally 10 -15 years.

Inframark requested and received the following quotes for replacing this pump:

- Wastecorp Pumps \$7,000.00
- Hayes Pump \$21,028.00 for two (2) or \$10,514.00

This Department recommends the purchase of the pump from Westcor pumps at a cost of \$7,000.00.

Per the attached there are sufficient funds to make this purchase.

This Department respectfully requests that this request be placed on the next Town Board work session.

TOWN OF CARMEL
ENGINEERING
REQUEST FOR PURCHASE OR REPAIR
District: CSD 2

Inframark, LLC
2 Renwick Street
Newburgh, NY 12550
United States

T: +1 845 228 0460
www.inframark.com

Date of Request: 12/5/19

Item requested: TOT Pump by Wastecorp Pumps as recommended by John Folchetti.

Purpose of item: Trash flow self-primer pump.

Estimated age of equipment to be replaced / repaired:

Estimated life expectancy of new equipment / repair:

Labor cost for installation and/or repair: 0

Vendor #1: Wastecorp Pumps

Cost: \$7,000.00

Vendor #2: Hayes Pump, Inc.

Cost: \$21,028.00 (for 2)

Vendor #3:

Cost:

Fw: Wastecorp Trash flow self primer pump TFCC-4 CSD2 TOT

Maggio, Vincent

Fri 11/22/2019 11:10 AM

To: Brann, Thomas <thomas.brann@inframark.com>

Cc: Harris, Carrie <Carrie.Harris@inframark.com>

 4 attachments (796 KB)

QT214167.pdf; Performance Curve .pdf; 63390-00 TFCC 4F_ FLEX COUPLED.PDF; TFCC-4 FLEX COUPLED.JPG;

Vinny Maggio | Lead Operator Carmel NY

2 Renwick Street, Newburgh, N.Y. 12550

O: 845.228.0460 | M: 914.490.7985 | www.inframark.com

From: Marc Johnson <mj@wastecorp.com>**Sent:** Tuesday, October 29, 2019 12:01 PM**To:** Maggio, Vincent <vincent.maggio@inframark.com>**Subject:** FW: Wastecorp Trash flow self primer pump TFCC-4

Vince:

Further to our conversation, please see attached quote, curve , drawing . There was a \$300.00 increase on the motor but pump is the same. Lead time is 4- 6 weeks

If you have any questions, I can be reached by phone at 1-888-829-2783.

Marc Johnson**www.wastecorp.com**Toll Free North America ☎ 888.829.2783 Ext. 1003 | 📠 888.883.3320 | ✉ mj@wastecorp.com

International ☎ 201.445.2882 | 📠 201.445.3252



CREDIT CARD AUTHORIZATION FORM, BILLING ADDRESS DEVIATION & SIGNATURE WAIVER

PLEASE COMPLETE FORM, SIGN AND E-MAIL FORM TO
CUSTOMERSERVICE@WASTECORP.COM OR FAX TO 888-883-3320

To protect both you as a customer and our company from unauthorized credit card usage, we require the following information to be completed and sent back to us at Wastecorp. No order is guaranteed until this form has been received. If you have any questions, please do not hesitate to contact us at 1-888-829-2783.

COMPANY NAME:			
YOUR NAME:			
NOTES:			
CARD TYPE:	<input type="checkbox"/> VISA	<input type="checkbox"/> MASTERCARD	<input type="checkbox"/> AMEX <input type="checkbox"/> DISCOVER
CREDIT CARD NO.:			
EXPIRATION DATE:			
CID (CARD ID #):		* Last 3 digits on the back of your credit card or 4 digit number on front of Amex	

CREDIT CARD BILLING ADDRESS		SHIPPING ADDRESS	
CARDHOLDER NAME:		NAME:	
COMPANY:		COMPANY:	
ADDRESS 1:		ADDRESS 1:	
ADDRESS 2:		ADDRESS 2:	
CITY/STATE/ZIP CODE:		CITY/STATE/ZIP CODE:	
TELEPHONE:		TELEPHONE:	
EMAIL or FAX INVOICE TO:		<input type="checkbox"/> UPS, <input type="checkbox"/> FedEx, or <input type="checkbox"/> Other Account No.	
PURCHASE ORDER #:		*NOTE: If freight number is not listed, freight charges will apply.	

AUTHORIZATION TO CHARGE CREDIT CARD:		
<p>This form confirms your request for payment by credit card. I hereby authorize Wastecorp. Pumps to charge my credit card. I affirm that I am at least 18 years of age and legally authorized to use the credit card account specified above. I agree that I will pay for this purchase and indemnify and hold Wastecorp Pumps harmless against any liability pursuant to this authorization. I understand that my signature on this form will serve as authorized signature on the credit card slip.</p>		
PRINT NAME:	SIGNATURE:	DATE:

AUTHORIZATION TO DELIVER TO AN ADDRESS DIFFERENT THAN THE BILLING ADDRESS:		
<p>I, (signature below), hereby authorize delivery to the shipping address above which is not my credit card billing address. I agree that I will pay for this purchase and indemnify and hold Wastecorp. Pumps harmless against any liability pursuant to this authorization. I understand that my signature on this form will serve as my authorized signature on the credit card charge slip.</p>		
PRINT NAME:	SIGNATURE:	DATE:

<input type="checkbox"/> YES	Wastecorp. Pumps may keep this credit card information on file for future orders.
<input type="checkbox"/> NO	DO NOT keep this information on file - call for credit card authorization for each and every order.

WASTECORP. PUMPS HAS ZERO TOLERANCE FOR CREDIT CARD FRAUD. CREDIT CARD FRAUD IS A FEDERAL CRIME AND WE WILL PURSUE FRAUDULENT USERS BOTH CRIMINALLY AND CIVILLY. DO NOT PLACE AN ORDER IF YOU ARE NOT AN AUTHORIZED USER OF THE CARD.



ABRIDGED (SHORT-FORM) TERMS & CONDITIONS OF SALE

ALL PURCHASE ORDERS ACCEPTED ARE SUBJECT TO WASTECORP'S STANDARD TERMS & CONDITIONS OF SALES, WHICH ARE AVAILABLE FOR REVIEW UPON REQUEST. ABRIDGED TERMS & CONDITIONS OF SALE ARE NOTED BELOW.

PRICES: Prices apply to the specific quotation, and does not include any taxes, transportation charges, special packaging or stamping, unless otherwise noted. Prices quoted are subject to change without prior notice. Prices quoted in US dollars unless otherwise stated.

TAXES: Purchaser agrees to pay the amount of any Federal, State, County, City or other tax which may apply to this order, directly to the governing Federal, State, County, City tax department.

PROPOSAL VALIDITY: This quotation shall be firm for a period of thirty (30) days from the date of this quotation.

PAYMENT TERMS: Payment terms are cash-in-advance for all first-time orders, unless established credit terms or other arrangements made between Wastecorp and purchaser, contact us for available payment options. We accept payment by acceptable credit cards VISA, MasterCard, Amex, or Discover for US customers only. Past due accounts are considered after thirty (30) days of unpaid invoice date and may be subject to interest charged at 1.5% per month.

LEAD TIME: Lead times commence upon acceptance of purchase order and payment terms are satisfied. Lead times are based on current availability of parts/pumps and subject to prior sale. Quoted lead times are based on the best availability information as at the date of the quotation. Inventory, factory loading and design backlog are all subject to change. Lead time and/or drawing times for critical items should be verified at the time of purchase order issuance. If any condition arises which prevents compliance with delivery schedules, Wastecorp shall not be liable for damages general, consequential or otherwise for failure to meet the original delivery schedule provided.

SHIPPING/DELIVERY: Pumps are skidded and packaged for transportation in closed top dock-level trucks. NO ALLOWANCE WILL BE MADE FOR LABOR, INSTALLATION, REMOVAL, UNLOADING OR OTHER CHARGES INCURRED BY PURCHASER IN CONNECTION WITH DELIVERY OF GOODS. All shipments are made FOB the factory, unless otherwise specified. Full risk of loss (including, but not limited to, transportation/carrier delays and losses) shall pass to the Purchaser upon delivery of the products to the carrier at the FOB point. If there is a LOSS or APPARENT VISIBLE DAMAGE to a shipment during delivery, the RECEIVER MUST NOTE SUCH DAMAGE ON THE DELIVERY RECEIPT AND HAVE THE CARRIER'S DRIVER SIGN THE BILL OF LADING. Failure to do so will result in a null and void loss claim.

PRODUCT REVISIONS: Wastecorp reserves the right to discontinue, change or improve its products or any portions thereof. Accordingly, Wastecorp shall not be required to change or improve any products sold and/or shipped prior to such a change or improvement.

PURCHASE ORDERS: All customer purchase orders must be submitted via hard copy sent to Wastecorp's customer service department by fax, electronic mail, or mail. All customer purchase orders are subject to Wastecorp's terms and conditions thereto and Wastecorp's acceptance of customer purchase order.

ERRORS AND OMISSIONS: Seller reserves the right to correct clerical or stenographic errors and, or omissions.

RETURN GOODS POLICY: Wastecorp will not accept any product(s) for return unless prior written permission by Wastecorp has been obtained by means of an executed **Return Goods Authorization** form. The RGA number must be listed on the packing list. Product(s) so returned **will be subject to a 40% charge for restocking and re-handling**. All product(s) returned must have transportation charges PREPAID by the Shipper. Product(s) which are obsolete or made to special order i.e., **pumps are not returnable nor refundable**. NO ALLOWANCE WILL BE MADE FOR LABOR, INSTALLATION, REMOVAL, TRANSPORTATION OR OTHER CHARGES INCURRED BY PURCHASER IN CONNECTION WITH THE RETURN OF GOODS.

CANCELLATION: Seller's acceptance of order cancellation or order reduction requests is conditional upon receiving Purchaser's written notification to assume any, or any part of, termination charges as agreed to by the Seller. Custom pumps and products are not returnable.

WARRANTY: Wastecorp warrants for a period of one (1) year from the date of installation or eighteen (18) months from date of shipment, whichever comes first (the "Warranty Period") that the pump and accessories manufactured and sold hereunder shall be free from defects in material and workmanship. Wastecorp does not warrant engines, motors, gauges, electrical control equipment or other product(s) not manufactured by Wastecorp, such being subject to such warranties as may be given by their respective manufacturers. Wear and tear resulting from use and, or long-term storage, and items normally consumed in use are not covered by this Warranty Period. Wastecorp's obligation under this warranty is limited to repair or replacement at its factory of any part(s) subject to this warranty, which will be returned to Wastecorp with transportation charges prepaid, and which Wastecorp's examination shall disclose to its satisfaction to have been defective. Parts of the product(s) repaired or replaced under this warranty will be covered for the Warranty Period only and will be shipped to the Purchaser FOB Wastecorp's factory. NO ALLOWANCE WILL BE MADE FOR LABOR, INSTALLATION, REMOVAL, TRANSPORTATION OR OTHER CHARGES INCURRED BY PURCHASER IN CONNECTION WITH WARRANTY REPAIR OR REPLACEMENT.

LIMITATION OF WARRANTY: THE PROVISIONS OF WARRANTY NOTED ABOVE ARE WASTECORP'S SOLE WARRANTY. SELLER MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEED SELLER'S AFORESTATED OBLIGATION ARE HEREBY DISCLAIMED BY SELLER AND EXCLUDED FROM THIS WARRANTY. Seller neither assumes nor authorizes any person(s) to assume for it any other obligation in connection with the sale of the Product(s). This warranty shall not apply to any product (s) or parts of the product(s) which a) have been repaired or altered outside of Seller's factory in any manner; or b) have been subject to misuse, negligence or accident, or c) have been used in a manner contrary to Seller's instructions.

SELLER'S LIABILITY: Wastecorp will not be liable for any loss, damage, cost of repair, direct incidental or consequential damages of any kind, whether based upon warranty, contract, tort including negligence or strict liability arising in connection with the sale, use or repair of the Product(s). Seller's maximum liability shall not in any case exceed the contract price for the Product(s) claimed to be defective or unsuitable.

GOVERNING LAWS: The terms of this agreement and all rights and obligations hereunder shall be governed by the laws of the State of Delaware, United State, without giving effect to its conflict of law provisions, for any and all disputes, claims and actions arising from or in connection with the Wastecorp Pump(s) provided to you hereunder. You agree to submit to the jurisdiction of the State of Delaware.

BY ACCEPTING THE ORDER CONFIRMATION ATTACHED, THE PURCHASER IS ACCEPTING OF THE ORDER AND IS IN AGREEMENT WITH THE TERMS AND CONDITIONS OF SALE NOTED ABOVE, AND IN WASTECORP'S STANDARD TERMS & CONDITIONS OF SALES, AND IS HEREBY GIVING WASTECORP PERMISSION TO PROCEED WITH THE PRODUCTION OF THE ORDER.

Fw: Pump Information CSD2 TOT Pump Recommend Waste corp**Maggio, Vincent**

Fri 11/22/2019 11:14 AM

To: Brann, Thomas <thomas.brann@inframark.com>**Cc:** Harris, Carrie <Carrie.Harris@inframark.com> 5 attachments (5 MB)

Goulds Pumps.pdf; WASTECORP Pumps.pdf; American-Marsh Pumps.pdf; Gorman-Rupp Pumps.pdf; Pump design.xlsx;

Vinny Maggio | Lead Operator Carmel NY

2 Renwick Street, Newburgh, N.Y. 12550

O: 845.228.0460 | M: 914.490.7985 | www.inframark.com

From: John Folchetti <John.Folchetti@jrfa.com>**Sent:** Friday, January 11, 2019 2:35 PM**To:** Franzetti, Richard (rjf@ci.carmel.ny.us) <rjf@ci.carmel.ny.us>; Maggio, Vincent <Vincent.Maggio@inframark.com>**Subject:** FW: Pump Information

Rich & Vin,

Pump calcs & curves attached. The spreadsheet represents that info provided in the original email identifying the issue.

The selected pump is the WasteCorp unit. The others are among the several we reviewed & are provided for comparison

J. E. Folchetti, P.E.

CEO

J. Robert Folchetti & Associates

31 Sodom Road

Brewster, NY 10509

Tel: (845) 363 1560

Fax: (845) 279 2062

Email: John.Folchetti@JRFA.comWebsite: www.JRFA.com

From: Julie A. Coulter**Sent:** Friday, January 11, 2019 2:32 PM

12/5/2019

Mail - Harris, Carrie - Outlook

To: John Folchetti

Subject: Pump Information



PAYMENT REMITTANCE ADDRESS:
 WASTECORP PUMPS LLC.
 P.O. BOX 536463
 PITTSBURGH, PA 15253-5906
 Toll-Free Ph:1-888-829-2783
 Toll-Free Fax:1-888-883-3320
 Email: accounting@wastecorp.com

QUOTATION

Page 1 of 2
QUOTE DATE Oct 29, 2019
QUOTE NUMBER QT214167
QUOTED BY

VISIT OUR WEBSITE: WWW.WASTECORP.COM

QUOTATION TO:

Town of Carmel Sewage District 2 Wastewater Treatment Plant
 Carmel, NY 10512
 US
 PH:
 Email: vincent.maggio@inframark.com

SHIP VIA			TERMS	CUST NO.	FOB	REFERENCE	OPPT NO.	
PPADD			CIA	CRM999999999	BUFFALO, NY		21,395	
QTY. ORD.	UOM	PART NO.	SALE DESCRIPTION			LEAD TIME	UNIT PRICE INCL. DISC.	EXT. PRICE INCL. DISC.
1	EA	63478-00	WASTECORP TRASH-FLOW PUMP TFCC-4F W/ 20HP; 1800RPM TEFC				7,000.00	7,000.00
COMMENTS:						SUBTOTAL INC DISC	7,000.00	
						TOTAL SALES TAX	0.00	
						TOTAL QUOTE USD	\$7,000.00*	
						*Plus applicable freight		

THIS QUOTATION IS NOT TO BE DISSEMINATED WITHOUT PRIOR WRITTEN CONSENT FROM WASTECORP PUMPS. QUOTE IS VALID FOR 30 DAYS. MIN. ORDER OF \$100 SHALL APPLY, OR A SUR-CHARGE WILL BE ADDED. ALL SHIPPING & HANDLING CHARGES ARE EXTRA. LEAD TIMES QUOTED, ARE BASED AT TIME OF QUOTATION AND SUBJECT TO PRIOR SALE.

RETURNS: WASTECORP WILL NOT ACCEPT ANY PRODUCT(S) FOR RETURN UNLESS PRIOR WRITTEN PERMISSION BY WASTECORP HAS BEEN OBTAINED BY MEANS OF AN EXECUTED RETURN GOODS AUTHORIZATION FORM. THE RGA NUMBER MUST BE LISTED ON THE PACKING SLIP. PRODUCTS SO RETURNED WILL BE SUBJECT TO A 40% CHARGE FOR RESTOCKING AND REHANDLING. ALL PRODUCT(S) RETURNED MUST HAVE TRANSPORTATION CHARGES PREPAID BY THE SHIPPER. PRODUCT(S) WHICH ARE OBSOLETE OR MADE TO SPECIAL ORDER I.E., PUMPS ARE NOT RETURNABLE NOR REFUNDABLE. NO ALLOWANCE WILL BE MADE FOR LABOUR, INSTALLATION, REMOVAL, TRANSPORTATION OR OTHER CHARGES INCURRED BY PURCHASER IN CONNECTION WITH THE RETURN OF GOODS.

TERMS & CONDITIONS OF SALE: "GENERAL TERMS & CONDITIONS OF SALE" APPLY TO ALL TRANSACTIONS.

MARC JOHNSON

mj@waste corp. com

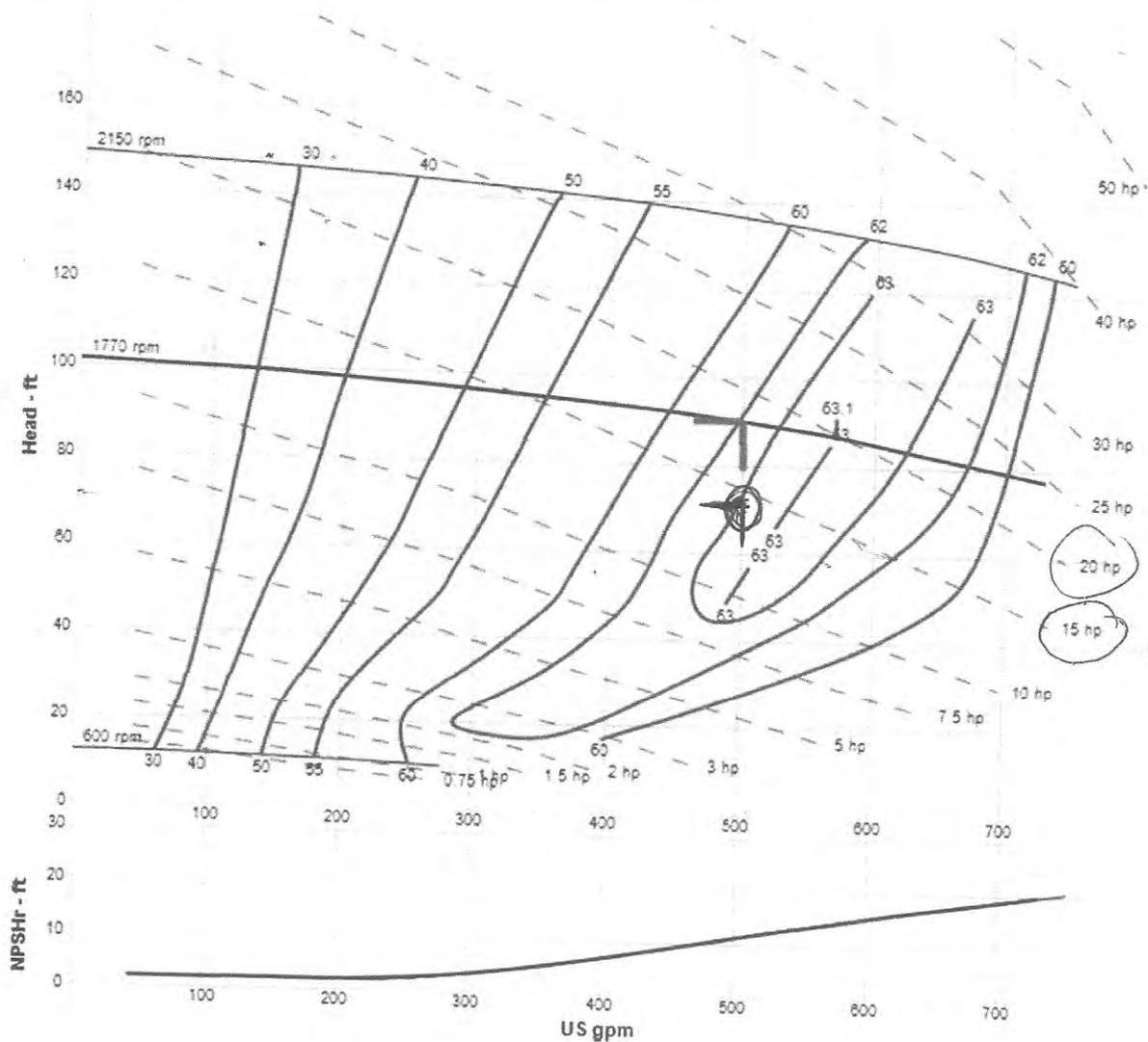
TDH = 71'

Mis Communication



PERFORMANCE CURVE

Pump Model:	TFCC-4F
Design Conditions:	500 GPM @ 87 ft TDH (16ft suction)
Motor Details:	25 HP 3/60/460 1800 RPM (9.75" Impeller trim)

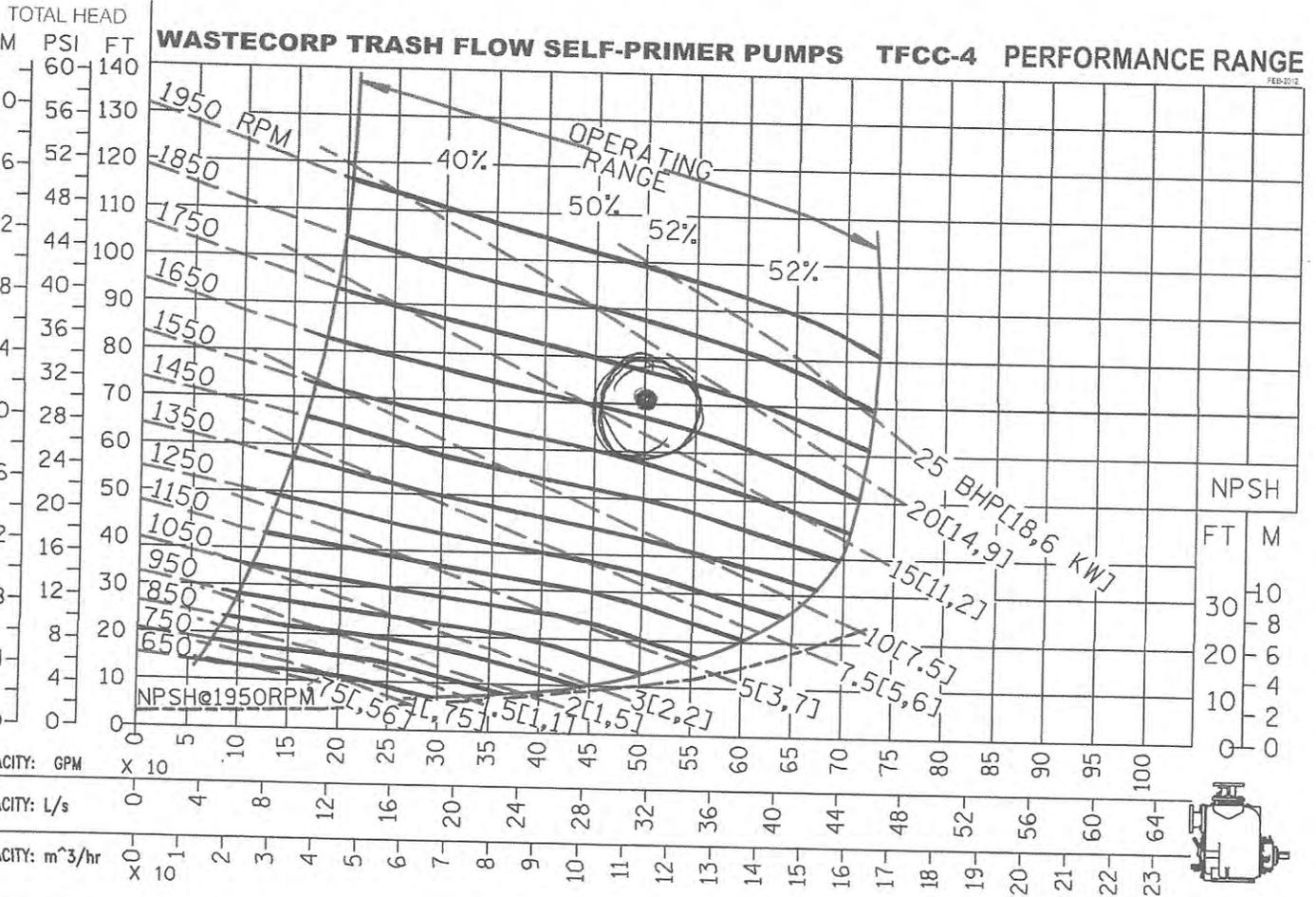


The following performance curves shown below and other published literature were taken from actual tests of standard production pumps, and reflect an average performance of the pumps indicated. Test curves are based on Hydraulic Institute test standards utilizing water with a specific gravity 1.0. Wastecorp Pumps reserves the right to make changes in design, materials and prices without notice.

TRASH FLOW®
SELF PRIMING TRASH PUMPS

TFCC-4

4"x4"



REPRIMING LIFTS					
PUMP SPEED	5 FT.	PUMP SPEED	25 FT.	PUMP SPEED	25 FT.
650 RPM	5 Ft.	1250 RPM	25 Ft.	1850 RPM	25 Ft.
750 RPM	8 Ft.	1350 RPM	25 Ft.	1950 RPM	25 Ft.
850 RPM	16 Ft.	1450 RPM	25 Ft.		
950 RPM	19 Ft.	1550 RPM	25 Ft.		
1050 RPM	22 Ft.	1650 RPM	25 Ft.		
1150 RPM	24 Ft.	1750 RPM	25 Ft.		

Determine NPSH prior to using repriming table. Do not use its available suction lifts.

$$BHP = \frac{GPM \times FT \times SG}{3960 \times Efficiency}$$

$$KW = \frac{M^3 / HR \times M \times SG}{367 \times Efficiency}$$

Suction lift is limited by the available NPSH which is the corrected atmospheric pressure minus the dynamic suction lift, vapor pressure loss and 2 foot safety factor.



WASTECORP.
Pumps

www.wastecorp.com

CURVE NO.: 62919-00 MODEL: TFCC-4
SIZE: 4" x 4" IMPELLER DIA: 9.75"
RPM: VARIOUS SP. GR.: 1.0 @ 68°F

Factory certified tests are performed using Hydraulic Institute acceptance Level B.

The performance curves shown are based on actual tests of Wastecorp pumps and reflect an average for some of the curves shown. Wastecorp reserves the right to make changes in design, materials and operating range without notice.

N4

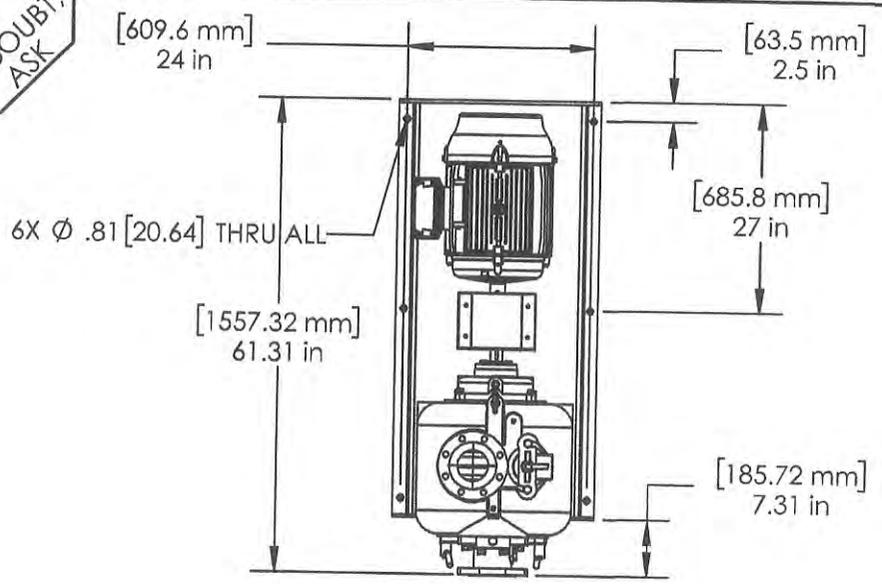
WASTECORP.
Pumps
WASTECORP.COM

Wastecorp Pumps USA
P.O. Box 70
Grand Island, New York 14072 | USA
Tel: 888.829.2783 | Fax: 888-883-3320
sales@wastecorp.com

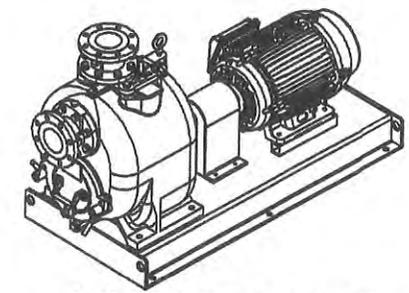
Wastecorp Pumps Canada Inc.
55 Six Point Road
Toronto, Ontario M8Z-2X3 | Canada
Tel: 416.233.3000 | Fax: 416.233.2300
info@wastecorp.com

Wastecorp Pumps International
P.O. Box 70
Grand Island, New York 14072 | USA
Tel: 201.445.2882 | Fax: 201.445.3252
techsupport@wastecorp.com

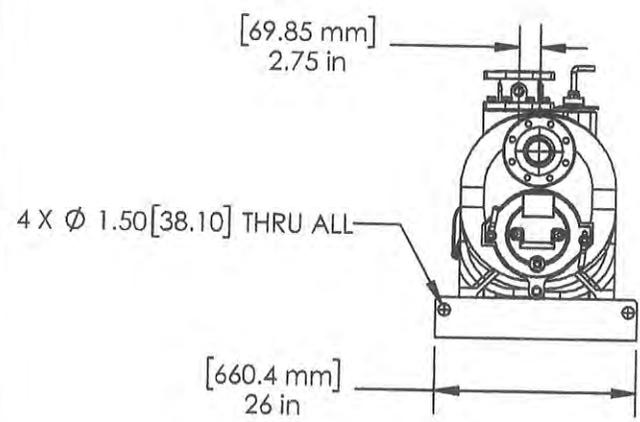
IF
IN DOUBT,
ASK



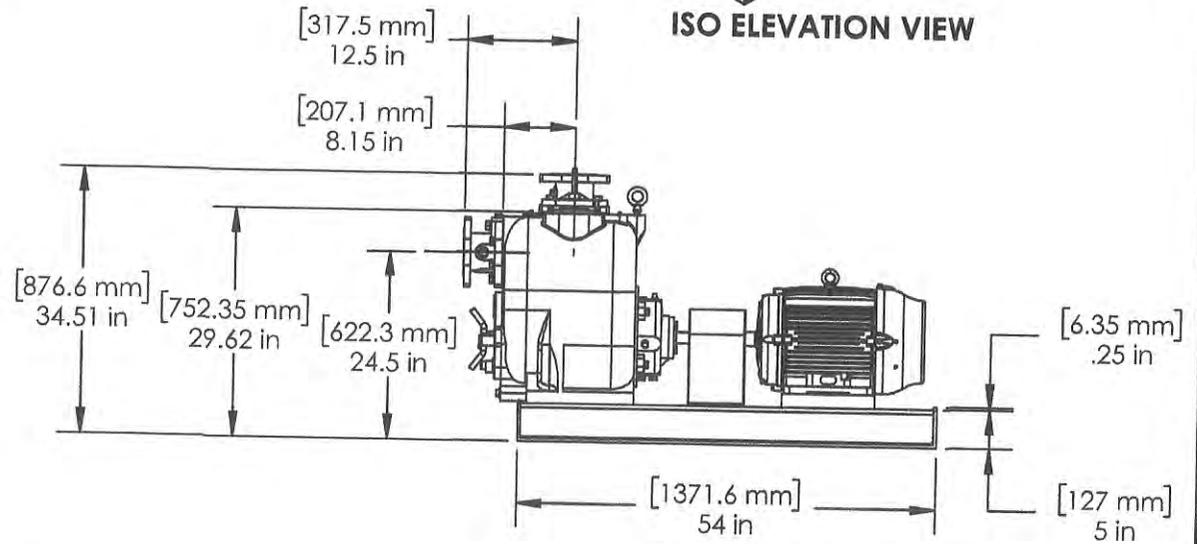
PLAN VIEW



ISO ELEVATION VIEW



FRONT ELEVATION VIEW



SIDE ELEVATION VIEW

- NOTE:
1. CUSTOMER RESPONSIBLE FOR ALL INSTALLATION WORK, PROVIDE CONCRETE FOUNDATION AND ANCHOR BOLTS.
 2. NOT CONSTRUCTION PURPOSE UNLESS CERTIFIED.
 3. PIPING TO PUMP MUST BE COMPLETELY SELF-SUPPORTING TO PREVENT STRAIN ON PUMP CASTINGS

ALL INFORMATION CONTAINED IN THIS DOCUMENT IS BOTH CONFIDENTIAL AND PROPRIETARY TO WASTECORP. NO LICENSE, EXPRESSED OR IMPLIED, UNDER ANY PATENT, COPYRIGHT, OR TRADE SECRET IS GRANTED OR IMPLIED BY THE CONVEYANCE OF THIS DOCUMENT. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, TRANSMITTED, TRANSCRIBED, STORED IN A RETRIEVAL SYSTEM, TRANSLATED TO ANY LANGUAGE OR COMPUTER LANGUAGE, IN ANY FORM, BY ANY MEANS ELECTRONIC, MECHANICAL, OR OTHERWISE WITHOUT WASTECORP CONCENT.

THIRD ANGLE
PROJECTION
DIMENSIONS ARE IN INCHES

A	INITIAL RELEASE	04/11/18	MT	JD
LTR.	REVISION	DATE	BY	APP.

TITLE
WASTECORP TRASH-FLOW
SELF PRIMER PUMP
MODEL: TFCC-4F ,FLEX COUPLED

TOLERANCES UNLESS OTHERWISE SPECIFIED			
1. ANGULAR	±1/2°		
2. FRACTIONAL FINISH DIM	± .005"		
3. FRACTIONAL FINISHED DIM	± 1/8"	FOR CASTING	
4. FRACTIONAL FINISHED DIM	± 1/16"	FOR STEEL	
5. PART TO BE FREE OF BURRS			
6. FINISH SHOWN IN R.M.S.	Ø30"	CUT OFF	

PATTERN MAKER TOLERANCES	
± 1/32"	NON ACCUMULATIVE ON FINISHED SURFACES
1/16"	FINISH ON FINISHED SURFACES UP TO 8"
3/16"	FINISH ON FINISHED SURFACES OVER 8"

DRAWN	MT	CHKD	JD
PR ENG	APPD	JD	
SCALE	1:24		
DATE	04-11-2016		



DRAWING NUMBER	63390-00
SHEET 1 OF 1	

QUOTATION



Quote From:
 Hayes Pump, Inc (02-NJ)
 295 Fairfield Avenue
 Fairfield NJ 07004
 US

Quote Number	Quote Date	Payment Terms	FOB
10219CLS-3	1/02/19	NET 30 DAYS	Shipping point

O
R
D
E
R
B
Y

JRFA
 31 Sodom Road
 Brewster, NY 10509

S
H
I
P
T
O

JRFA
 31 Sodom Road
 Brewster, NY 10509

LINE	ITEM / DESCRIPTION	QUANTITY UOM	UNIT PRICE DISCOUNT	NET UNIT PRICE EXTENDED PRICE
0010	T4A3S-B pump skid complete with 20HP, 3/60/230-460, TEFC, 1750RPM motor, belts, sheaves, belt guard, ARV, gauge kit all mounted on a common painted steel vertical v-belt base.	1.00	\$ 10,289.00	\$ 10,289.00
0020	T4B3S-B pump skid complete with 20HP, 3/60/230-460, TEFC, 1750RPM motor, belts, sheaves, belt guard, ARV, gauge kit all mounted on a common painted steel vertical v-belt base.	1.00	\$ 10,739.00	\$ 10,739.00
<p>Sean,</p> <p>Delivery estimated at 4-6 weeks ARO. Price includes the freight to your facility. Cut sheets and layout drawings for each are attached. Let me know if you need anything else.</p> <p>Best Regards,</p> <p>Chuck Stiesi (201) 400-0930</p>				
			Total Price	\$ 21,028.00

Payment terms are subject to Credit Approval.

The parties agree that this quote and any order arising from it are expressly subject to and incorporate by reference Hayes' Terms of Sale which are available at <http://hayespump.com/Terms.pdf>. Customer's acceptance of this quotation is expressly conditional on Customer's assent to such incorporated Terms of Sale.

*Please send a copy of your tax exempt certificate when placing your order.
 Email the tax certificate to tmackenzie@hayespump.com or fax to 978-369-8461.*

Sales Rep(s): Chuck Stiesi
 Questions? Phone: 973 808-0606

Fax: 973 808-7311

Pump Data Sheet - Gorman-Rupp SEW 60Hz

Company: JRFA
 Name: thickener overflow pump
 Date: 01/02/2019

500GPM @ 71'TDH
 Gorman Rupp T4A3S-B wit 20HP motor



Pump:

Size: T4A-B-4
 Type: T-SERIES
 Synch Speed: Adjustable
 Dia: 9.75 in
 Curve: T4A-B-4
 Impeller: 10528

Dimensions: Suction: 4 in ✓
 Discharge: 4 in ✓

Fluid:

Name: Water
 SG: 1
 Density: 62.4 lb/ft³
 Viscosity: 1.1 cP
 Temperature: 60 °F
 Vapor Pressure: 0.256 psi a
 Atm Pressure: 14.7 psi a

Pump Limits:

Temperature: ---
 Wkg Pressure: ---
 Sphere Size: 3 in ✓

Search Criteria:

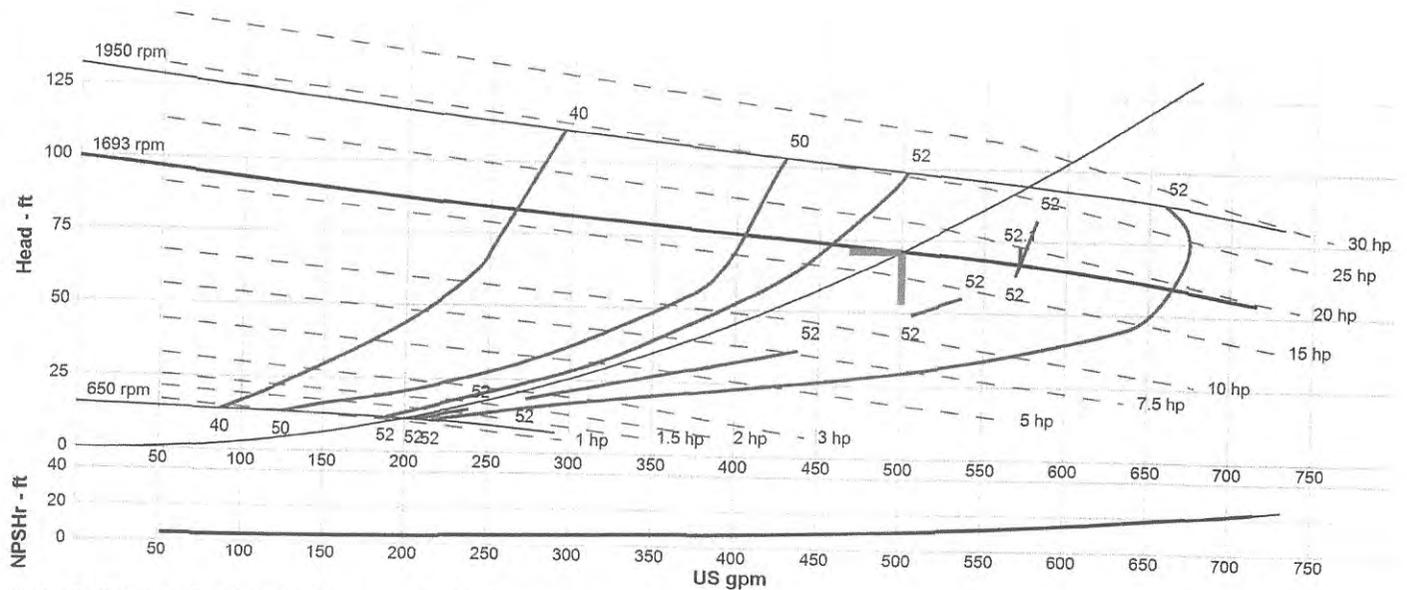
Flow: 500 US gpm ✓
 Head: 71 ft ✓
 Near Miss: ---
 Static Head: 0 ft

Pump Selection Warnings:

None

Consult Gorman-Rupp SEW 60Hz to select a motor for this pump.

--- Duty Point ---	
Flow:	500 US gpm
Head:	71.1 ft
Eff:	52%
Power:	17.2 hp
NPSHr:	10.7 ft
Speed:	1693 rpm
--- Design Curve ---	
Shutoff Head:	99.7 ft
Shutoff dP:	43.2 psi
Min Flow:	--- US gpm
BEP:	52.1% @ 572 US gpm
NOL Power:	19.7 hp @ 716 US gpm
--- Max Curve ---	
Max Power:	29.8 hp @ 733 US gpm



This curve is provided for preliminary selection only. Please consult factory before making final pump or motor selections.

From: [Esteves, Donna](#)
To: [Franzetti, Richard](#)
Subject: RE: 03-02-20 ~ CSD2 Invoice
Date: Thursday, March 19, 2020 11:25:59 AM

Yes, there are sufficient funds in the budget for this expense.

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

From: Franzetti, Richard
Sent: Thursday, March 19, 2020 11:25 AM
To: Esteves, Donna
Subject: RE: 03-02-20 ~ CSD2 Invoice

Are there sufficient funds to make this purchase

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: Monday, March 2, 2020 11:41 AM
To: Franzetti, Richard <rjf@ci.carmel.ny.us>
Subject: 03-02-20 ~ CSD2 Invoice

Rich,

Please see attached invoice that will need acknowledgement from the Board for payment.

Thanks,
Donna Esteves
Town of Carmel ~ Engineering Department



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: March 19, 2020
TO: Carmel Town Board
FROM: James R. Gilchrist CPRP
SUBJECT: Town of Carmel, Airport Park Phase 3 Utilities

I am requesting that all bids received on March 19th, 2020 are to be rejected for the Airport Park Phase 3 as well as authorization to advertise and bid this project.

Please add this to the Town Board Work Session agenda for March 25th and contact me with any questions.