

City of Waltham

Jeannette A. McCarthy
Mayor

CITY OF WALTHAM
CITY CLERK'S OFFICE

2017 OCT -5 A 11: 53

RECORDED

October 5, 2017

TO: The City Council

RE: Engineering Appropriation Request – Equipment, Water & Sewer Divisions

Dear Councillors:

I respectfully request an appropriation of funds in the total amount of \$\$449,000.00 to purchase several pieces of equipment (Sewer Jet, Camera Truck Software and 3 Small SUV type AWD vehicles) for the Engineering Department, Water & Sewer Divisions.

FROM:

#603-000-2017-3590	Bond Premium-2017 (sewer)	\$408,500.00
#613-000-2017-3590	Bond Premium-2017 (water)	\$ 40,500.00

TO:

#603-440-2017-6474	Sewer-Sewer Jet	\$354,000.00
#603-440-2017-6571	Sewer-Camera Truck Software	\$ 14,000.00
#603-440-2017-6411	Sewer-SUV AWD Vehicle	\$ 40,500.00
#613-452-2017-6411	Water-SUV AWD Vehicle	\$ 40,500.00

Attached is a copy of a letter dated September 20, 2017 that was received from the City Engineer, Steve Casazza. Mr. Casazza will be available to answer questions concerning this request.

Sincerely,

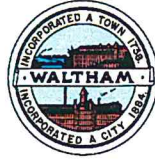
Jeannette A. McCarthy

JAM/ccb

Enclosure

cc: Steven Casazza

CITY OF WALTHAM
Engineering Department
Office of the City Engineer



Stephen A. Casazza, P.E.
City Engineer

RECEIVED
OCT 02 2017
MAYOR'S OFFICE

MEMORANDUM

To: Jeannette A. McCarthy, Mayor
From: Stephen A. Casazza, P.E., City Engineer SAC
Date: September 20, 2017
Re: Vehicle Funding Request
Copy: Paul Centofanti, City Auditor
Ginny Bergin, Assistant City Auditor

I respectfully request funding to purchase vehicles and equipment for the operation and maintenance of the Water-Sewer-Drain Division. The funding for this request will be available once the certification of the Water and Sewer Retained Earnings fund has been completed which is estimated to be in October, 2017.

I am attaching a detailed justification for the each of the requested vehicles. In summary, the following is the list of vehicles, which will provide us with the necessary means for proper and efficient execution of our day-to-day operations in the Water-Sewer-Drain Division. Comprehensive vehicle pricing is included with the justification, procured through Massachusetts State Contracts with the Operations Services Division.

1) Sewer Jet Truck	\$354,000 (Sewer Retained Earnings)
2) Dump Truck	\$172,000 (Water & Sewer Retained Earnings)
3) F250 Truck with Plow	\$ 53,000 (Water & Sewer Retained Earnings)
4) Three Small SUV/Crossover AWD	\$ 81,000 (Water & Sewer Retained Earnings)
5) Camera Truck Software Update	<u>\$ 14,000</u> (Sewer Retained Earnings)
	<u>\$674,000</u>

The Accounts with available funding as needed are the following:

Sewer Retained Earnings 600-440-3590-3590	\$494,000
Water Retained Earnings 610-450-3590-3590	<u>\$180,000</u>
Total	<u>\$674,000</u>

Thank you for your consideration of this request. I am available at Extension 3830 if you have any further questions.

SC/jhm



Software Quote

WinCan LLC.
 300 Cedar Ridge Dr.
 Suite 308
 Pittsburgh, PA 15205
 Office Phone: (412)489-6229
 m.westerfeld@wincan.com

Software Quote Number: E161214620
Software Quote Date: 09/18/2017
Payment Terms: Payment 30 days after invoice date
Software Quote Amount: 13,978.00
Created By: Tim Mallon

Bill To
 JF McDermott
 1235 Auburn St.
 Whitman, MA 02382
 Mobile Phone: (617)686-1996
 brian@jfmcdermott.com

Ship To
 Waltham, MA
 169 Lexington Street
 Waltham, MA 02451
 imckenzie@city.waltham.ma.us

Item #	Item Name	Quantity	Unit Price	Total
VX-UPGRADE-EXPERT	WinCan upgrade to VX Expert- Includes: Section/Lateral/Manhole, Basic Reporting, Report Generator, Data Viewer, 3D, All languages & Standards, Map Expert/ArcGIS, Photo Assistant, Drawing function, Meta DB, Data Transfer Tool, SQL & Oracle database option, Multiple Inspection, Grading, Software Encoding, MPEG 1/2/4 Recording, NASSCO Validator, Text Generator, Inclination, Local deformation & Crack width with laser, Work Order Management, Statistics, and GIS Queries.	1.00	7,290.00	7,290.00
1002	Laptop Computer with Docking Station	1.00	1,850.00	1,850.00
1006	USB Dazzle Capture Device	1.00	90.00	90.00
1004	2 Days of Onsite Training Includes the trainers time and expenses.	1.00	3,000.00	3,000.00
VX-INFINITY-EXPERT-1	Expert Enterprise Infinity Support Plan includes: Unlimited Phone, Email, and Remote Internet Technical Support Unlimited Maintenance Upgrades and Version Upgrades to WinCan VX5 Hours per year of Web Ex Training Same Day Support and Service	1.00	1,748.00	1,748.00

Total Quantity: 5.00

Subtotal: \$ 13,978.00
 Software Quote Amount \$ 13,978.00

Terms & Conditions:

This proposal may be withdrawn if not accepted within the period shown below. All software and hardware



QUOTE

CUSTOMER

Contact Name: Jimmy Leach
 Company/Dept: Waltham DPW
 Street Address: 171 Lexington Street
 City, State, Zip: Waltham, MA 02154
 Phone: 781.314.3862 (d) / 781.589.7991 (c.)
 E-Mail: jleach@city.waltham.ma.us

Date: August 30, 2017
 Valid for: Expires 9/30/17
 Customer #: 10266
 Contract: MAPC
 Sales Rep: Brian Smith

Vehicle:

CONTRACT LINE REFERENCE	LINE DESCRIPTION	UNIT PRICE	QTY.	EXTENDED PRICE
U9G	Ford Escape SE All-Wheel Drive	\$ 23,100.00	1	\$23,100.00
YZ	Color : White		1	\$0.00
	1.5L EcoBoost I-4 Engine		1	\$0.00
	Automatic Transmission		1	\$0.00
	Air Conditioning		1	\$0.00
	AM/FM radio w/single CD & MP3 input , 6 speakers		1	\$0.00
	Power Windows, Door Locks, & Mirrors		1	\$0.00
	Manual Tilt/telescope Steering Wheel with Cruise Control		1	\$0.00
	17" Alloy Wheels w/mini-spare		1	\$0.00
	Rear Window Defroster & Wiper		1	\$0.00
	Remote Keyless Entry		1	\$0.00
	Integrated Blind Spot Mirrors, Halogen Headlamps & Fog Lights		1	\$0.00
	Driver's Knee Airbags; Front Seat Mounted Side Airbags		1	\$0.00
	Safety Canopy System Side Curtain Airbags		1	\$0.00
	Emergency Brake Assist System		1	\$0.00
	AdvanceTrac Roll Stability Control		1	\$0.00
Vehicle TOTAL:				\$23,100.00

Equipment:

CONTRACT LINE REFERENCE	LINE DESCRIPTION	UNIT PRICE	QTY.	EXTENDED PRICE
Off MSRP	Whelen PAP112 Power Airhorn with PA	\$ 176.15	1	\$176.15
	MHQ Labor - Install PAP112	\$ 95.00	1	\$95.00
6.07	Whelen SA315P Composite Siren Speaker	\$ 200.00	1	\$200.00
3.1	Whelen Vertex LED Hide-a-ways (1/corner of vehicle)	\$ 455.00	1	\$455.00
	MHQ Labor - Install 2 simple switches for warning lights	\$ 150.00	1	\$150.00
2.26	Whelen Spitfire LED's (ION's w/ Shroud) mounted @ top of rear window	\$ 365.00	1	\$365.00
23.23	Extra Keys- Chip / FOB / Laser Cut	\$ 145.00	2	\$290.00
TAX:				
Equipment TOTAL				\$1,731.15

Grand Total of Quote **\$24,831.15**

Per Brian, Add 5% for Purchases after 9-30-17

\$26,072.71

HISTORY RECORD

COW - Public Vehicles
2003 Sewer Jet Truck Pg 1/2

REG NO	UNIT NO	DEPT.	VIN NO	MAKE	STICKER	YEAR	COLOR	MODEL
M69-816	62	WATER	1HTWAAAR33J069938	INTL	05 MAY	2003	YELLOW	700SER

DATE	MILEAGE	DESCRIPTION OF WORK COVERED BY REPAIR ORDER	WORK BY
06-27-03	1,254	REPLACED SOLENOID FOR PTO.	BC
07-21-03	1,374	REPLACED 4 REAR TOGGLE SWITCHES WITH WEATHER PROOF SWITCHES FROM MCDERMOTT.	BC&AC
07-01-04	3,204	REPLACED LOWER RADIATOR HOSE.	RD
08-05-04	3,635	REPLACE PIPE FOR BLEED OFF VALVE.	BC
01-13-05	5,816	REPLACE 3 REAR SPOTLIGHT BULBS.	BC
08-22-06	8,799	REPLACED LOWER RADIATOR HOSE	MC
10-27-06	9,080	CHECKED FOR NO ACCELERATION. REPLACE ELECTRONIC PEDAL ASSEMBLY.	BILL
11-13-06	9,193	INSTALL A NEW STROBE LIGHT.	BC
05-15-07	10,408	REPLACED 2 A/C TEMP. SENSORS, ENACUATE & RECHARGE.	BC
05-30-07	10,592	REPLACED TAILPIPE, W/CHROME (USED)	MC
02-20-08	12,114	REPLACED SIGHT TUBE.	BC
07-22-08	13,147	REPALCED THROTTLE SWITCH AND FIXED WIRE.	AC/BC
07-29-08	13,193	REPLACED BACK UP ALARM.	AC
08-19-08	13,309	REPAIRED A/C SYSTEM, PTO ABS LIGHT.	T/LORD
09-30-08	13,470	REPLACED BOTH BATTERIES.	KT
5/11/09	14,665	DID OIL CHANGE, CHECKED FOR STICKER	KT
07-30-09	15,421	REPLACE WIPER BLADES	BH
09-16-09		REPLACED 2 MARKER LIGHTS	MC
01-28-10	16,582	REPLACE ALTERNATOR. CHARGE BATTERIES.	BC
07/16/10	17,583	REPLACE ELBOW AND SWIVEL FOR HOSE REEL. REPLACE TWO BLEEDER VALVES.	KT
10/12/10	17,997	REPLACED AND REWIRED REMOTE THROTTLE SWITCH ON BACK PANEL	AC
11/4/10	18,060	REPLACED RIGHT REAR AIR CAN FOR BREAKES AND 2 AIR LINERS, REPL 4 TIRES	AC
3/4/11	18,504	REPLACE STARTER & SERVICE TRUCK, REPLACE TWO FRONT TIRES	BC
6/2/11	18,793	AC SYSTEM LEAK, REPLACED LOW PRESSURE LINE	KT
9/9/11	19,181	REPLACED DRIVE GEAR ON JET HOSE	MC
12/19/11	?	TIGHTEN LARGE HOSE FITTING @ PUMP ALSO SMALL LEAK AT 45 DEGREE FITTING AT CONTROL VALVE IT LOOKS LIKE IT IS ROTTED AND HAS TO BE TAKEN APART. REPLACE LEFT REAR LARGE STROBE LIGHT LENS W/USED ONE	BC
3/5/12	?	REPLACE 2 QUICK CONNECT FITTINGS ON WASH DOWN GRILL	BC
5/3/12	20,448	OIL CHANGE SERVICE, CHECK FOR STICKER, PUT IN COOLANT ADDITIVE USED DIESEL BOOST, ADJUSTED BREAKS FRONT & REAR	
6/7/12	20,693	REPLACED FUEL FILTERS	AC
6/12/12	20,721	REPLACED RIGHT FRONT HEAD LIGHT	AC
12/7/12	21,684	ADJUSTED LARGE CHAIN FOR HOSE REED, REAR	KT
2/27/13	N/A	REPLACE 2 FITTINGS FROM HIGH PRESSURE PUMP TO REGULATOR	BC
4/12/13		REPLACE REAR COMPARTMENT DOOR LEFT PISTON	BC
6/20/13	23,142	REPLACED LEFT FRONT HEADLIGHT	AC
4/2/14	24,504	REPLACED LEFT REAR STROBE, BACK UP LIGHT AND BRAKE LIGHTS REPLACE 2 WIRING PIGTAIL	BC/MC
5/6/14	20,773	INSTALL NEW ELECTRONIC ACCELERATOR PEDAL	BC
9/15/14	25,523	REPLACE NEW ANTI FREEZE HOSE FOR AIR PUMP	KT
10/28/14	25,756	REPLACED 2 BATTERIES, NEW	KT
11/14/14	25,848	ADJUSTED REAR BRAKES	AC
12/22/14	26,112	REPAIR BROKEN HARNESS ON RIGHT FRAME BY BATTERY BOS, REPLACE PTO SOLENOID	BC/ACD
3/19/15	26,692	REMOVE AND REPLACE FUEL TANK, TRANSFER FUEL SENDING UNIT AND & FITTINGS, REMOVE FUEL FROM ALO TANK PUMP INTO NEW TANK	MC/BC
4/7/15	29,601	REPLACE ALTENATOR WITH A RE-BUILT FROM STOCK	AC
4/23/15	27,021	REPLACED ALTENATOR	AC
5/7/15	27,100	REPLACE NEW FUEL SENDER	KT
6/4/15	27,304	REPLACE AIR AND FUEL FILTER	RG/AC
11/13/15	28,462	REPLACED BACK UP ALARM NEW	KT

HISTORY RECORD

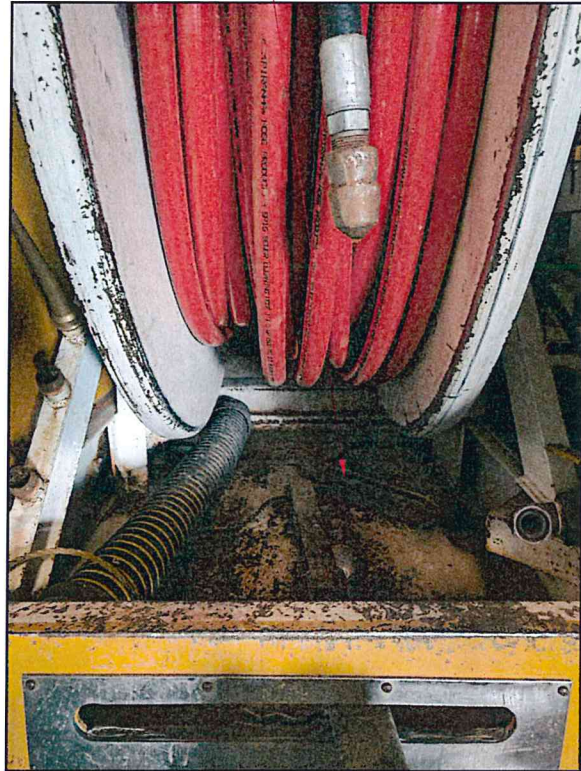
Pg 2/2

2/8/16	29,067	REPLACED CONTROL PANEL FOR CLIMATE CONTROL, REPLACED PANEL FOR EQUIPMENT, REPLACTED ACTUATOR FOR DEFROSTER	AC
7/31/16	29,231	REFER TO INV. #'S 160721004,160721005, & 160523005 FROM TRUCK & AUTO REPAIR	JL
9/6/16	29,574	REPLACED 2 BATTERIES AND CHECKED ELECTRICAL	AC
1/26/17	30,185	REPLACED AIR FILTER – NEW, FILL FUEL TANK (DIESEL), ADJUSTED BRAKES ALL AROUND, ADDED OIL, CHARGED UP THE BATT'S, FIXED AIR LEAK	KT
2/28/17	30,185	COMPLAINT: WILL NOT BUILD UP AIR PRESSURE. FOUND GOVERNOR NOT SHIFTING WELL (STICKING), WENT AROUND TRUCK WITH SOAP SPRAYER & FOUND LEAKING FITTING. IN STOCK – REMOVE & REPLACED, NO FURTHER LEAKS	BA

DOOR PANEL MISSING



CORROSION ON BODY



CITY OF WALTHAM, MA
ENGINEERING DEPARTMENT

TRUCK 62 CONDITION
PICTURES

2003 INTERNATIONAL
SEWER JET TRUCK

DRAWN BY:
IAM

SCALE:

DATE:
9/20/17

9:00 AM TMT 102 2003 MT 1 Sewer Jet



QR CODE
TAYLOR & LLOYD
MTL TRUCKS

THIS TRUCK MAKES FREQUENT STOPS!

TAYLOR & LLOYD
MTL TRUCKS
INDUSTRIAL TRUCKS
781-578-4110

TAYLOR & LLOYD
MTL TRUCKS
INDUSTRIAL TRUCKS
781-578-4110

9/5/2017

Outsourced Sewer Jet Truck Repairs - 2017

FY2017 INVOICES

PURCHASES/UTILITIES

J.F. MCDERMOTT	600-440-5200-5244	10/17/16	71019	\$ 642.00	10/18/16	STANDARD 1" NOZZLE W/FORWARD JET/W/O FORWARD JET
J.F. MCDERMOTT	600-440-5200-5244	04/12/17	71280	\$ 465.00	04/12/17	GAUGE/LABOR TO REPAIR JET BLUSHER
				\$ 1,107.00		

9/5/2017

Outsourced Sewer Jet Truck Repairs - 2016

FY2016 INVOICES

PURCHASES/UTILITIES

J.F. MCDERMOTT	600-440-5200-5244	08/21/15	61320	\$ 700.00	08/26/15	12" TELEGRAPH SPOON/6" DEBRIS BASKET/8" DEBRIS BASKET
J.F. MCDERMOTT	600-440-5200-5244	09/15/15	61358	\$ 954.38	09/18/15	1" TRI STAR NOZZLE
J.F. MCDERMOTT	600-440-5200-5244	10/09/15	61405	\$ 139.75	10/16/15	1X10 LEADER HOSE
X J.F. MCDERMOTT	600-440-5200-5244	10/27/15	61436	\$ 7,164.61	10/30/15	PACKING/KIT/GASKET/CHAMBER/CYLINDER/T-HANDLE/CYL. CVR, ETC.
J.F. MCDERMOTT	600-440-5200-5244	12/29/15	61518	\$ 734.00	01/05/16	STEEL TELESCOPIC GRABBER/3 PRONG 90 DEGREE RAKE, INV. SHOVEL
J.F. MCDERMOTT	600-440-5200-5244	04/22/16	61713	\$ 246.00	04/28/16	SUPER BLOCKBUSTER NOZZLE 1"
X J.F. MCDERMOTT	600-440-5200-5241	03/29/16	61674	\$ 1,800.73	05/05/16	RELIEF VALVE AND LABOR FOR TRUCK #62
J.F. MCDERMOTT	600-440-5200-5244	06/29/16	61823	\$ 660.00	07/08/16	1"X10' LEADER HOSE W/FITTINGS (4)
				\$ 12,399.47		

9/5/2017

Outsourced Sewer Jet Truck Repairs - 2015

FY2015 INVOICES

PURCHASES/UTILITIES

J.F. MCDERMOTT CORP.	600-440-5200-5244	10/15/14	60831	\$ 622.38	10/31/14	LABOR TO REPAIR HV2000 TRUCK
X DAVID WALSH	600-440-5200-5244	12/22/15	15435	\$ 1,375.00	03/12/15	REPAIRS TO SEWER EQUIPMENT
J.F. MCDERMOTT CORP.	600-440-5200-5244	03/27/15	61070	\$ 954.38	04/03/15	JET NOZZLE
				\$ 2,951.76		