

**TOWN OF
ELLINGTON
EQUIPMENT
PURCHASES
FISCAL YEAR
2018-2019**

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL										
Agency/Department: PUBLIC WORKS						Project Name: SIX WHEEL SNOW PLOW DUMP TRUCKS				
Project Description: THIS REQUEST FOR THE PURCHASE OF A SIX WHEEL SNOW PLOW TRUCKS WILL INSURE THAT OUR FRONT LINE SNOW REMOVAL EQUIPMENT WILL ENABLE US TO PROVIDE SNOW REMOVAL IN A TIMELY MANNER. THE DEPARTMENT IS REQUESTING REPLACEMENTS IN THE YEARS 2019/20 AND 2021/22.						Priority Rank by Agency/Department				
						☐ #1 Committed Project	☐ #2 Urgent Project	☒ #3 Needed Project	☐ #4 Desirable Project	☐ #5 Acceptable Project
Justification: OUR SIX WHEEL SNOW PLOWING DUMP TRUCKS ARE THE BACK BONE OF THIS DEPARTMENT. THEY ARE REQUIRED TO OPERATE IN THE MOST EXTREME CONDITIONS. THE AMOUNTS AND TYPES OF CORROSIVE MATERIALS USED TODAY HAVE SHORTENED THE LIFESPAN OF THIS TYPE OF EQUIPMENT.						Required/Desired Date of Project Completion:				
Benefits: REDUCED DOWN TIME, INCREASED PRODUCTIVITY AND SAFER CONDITIONS FOR THE DRIVER AND THE PUBLIC.						Type of Project: EQUIPMENT				
Costs if not implement:										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases			\$200,000		\$200,000		\$200,000			
Other (Identify)										
SUBTOTAL			\$200,000		\$200,000		\$200,000			
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN			\$200,000		\$200,000		\$200,000			

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL

Agency/Department: PUBLIC WORKS	Project Name: SMALL DUMP TRUCKS					
Project Description: EFFECTIVELY AND EFFICIENTLY MOVE WORKERS TO AND FROM WORK SITES.	Priority Rank by Agency/Department <table style="width: 100%; text-align: center;"> <tr> <td>☐ #1 Committed Project</td> <td>☐ #2 Urgent Project</td> <td>☒ #3 Needed Project</td> <td>☐ #4 Desirable Project</td> <td>☐ #5 Acceptable Project</td> </tr> </table>	☐ #1 Committed Project	☐ #2 Urgent Project	☒ #3 Needed Project	☐ #4 Desirable Project	☐ #5 Acceptable Project
☐ #1 Committed Project	☐ #2 Urgent Project	☒ #3 Needed Project	☐ #4 Desirable Project	☐ #5 Acceptable Project		
Justification: REPLACEMENT IS REQUESTED THIS YEAR. THESE TRUCKS ARE USED DAILY IN TRANSPORTING MATERIAL AND MANPOWER TO OUR JOB SITES. THEY ARE ALSO A KEY PART IN ASSISTING THE LARGER TRUCKS IN SNOW CLEAN UP OF THE ROADS AND PARKING LOTS. REPLACEMENT OF 1995 GMC FLAT BED UNIT.	Required/Desired Date of Project Completion:					
Benefits: LESS WEAR AND TEAR ON LARGER EQUIPMENT THAT REQUIRE MORE FUEL AND MAINTENANCE.	Type of Project: EQUIPMENT					

Costs if not implement: LOSS OF PRODUCTIVITY

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases		\$70,000			\$65,000					
Other (Identify)										
SUBTOTAL		\$70,000			\$65,000					
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		\$70,000			\$65,000					

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other



Vehicle Locator

Dealer Information

SCRANTON MOTORS, INC.
777 TALCOTTVILLE RD
VERNON, CT 06066
Phone: 860-872-9145
Fax: 860-871-6085

1GD32VCGXHZ290893

Model Year: 2017

Make: GMC

Model: 3500HD Sierra

TK36003-4WD, Reg Chassis Cab

PEG: 1SA-Sierra Preferred Equipment Group

Primary Color: GAZ-Summit White

Trim: H0U-Cloth, Jet Black, Interior Trim

Engine: L96-Engine: 6.0L, V-8, SFI, FlexFuel w/ E63 only

Transmission: MYD-6-Speed Automatic

Event Code: 5000-Delivered to Dealer

Order #: VCQNPT

MSRP: \$41,215.00

Order Type: TRE-Retail Stock

Stock #: ST9430

Inventory Status: Available

Total Cash Allowance:* \$500.00
(Expires on 11/30/2017)

Additional Vehicle Information

PLAIN CAB & CHASSIS

GM Marketing Information

Vehicle Options

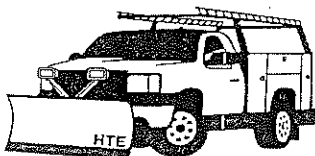
Chargeable Options

MSRP

AZ3-Seats: Front 40/20/40 Split-Bench	\$435.00
IOB-Radio, 7" Color Screen, Bluetooth, w/ USB Port	\$260.00
NQF-T-Case, w/ Rotary Dial Controls, Electronic Shift	\$200.00
PCR-1SA Convenience Package	\$965.00
VYU-Snow Plow Prep Package	\$385.00

No Cost Options

9E5-GVW Rating 13,200 LBS
L96-Engine: 6.0L, V-8, SFI, FlexFuel w/ E63 only
MYD-6-Speed Automatic
NE1-CT/MA/MD/ME/NJ/NY/OR/PA/RI/VT/WA Emissions



HARTFORD TRUCK EQUIPMENT
95 John Fitch Blvd,
South Windsor, CT 06074
Phone: 860-290-9516 F: 860-290-9519
Email: Sales@hartfordtruck.com

Quotation

Quote: 102617-2
Ref: GMC 3500 60"ca dw
Budgetary number
T/O Ellington
Date: 10-26-17

Scranton GMC/ Erik

We are pleased to quote on the following:

One (1) **Reading Heavy Duty Platform Body model# H-9-W**. For 60" CA and dual rear wheel as described in literature with all standard features, Including:

- 9' long x 96" wide, 2" **wood floor**, 6" structural steel long members
- 42" high black steel headboard, w/ windows – welded
- 42" rack set w/ swing rears and solid rear posts
- 15" on average cross members, Reinforced stake pockets, rubber grommet clearance lights
- Two (2) rear mud flaps, ICC dock bumper, electrically charged primer
- High gloss black powder coat finish, 3 year warranty
- Venco** scissor hoist # VC516ED double-acting, 8.9 ton capacity, electric hydraulic
- 1/2" thick, hitch plate w/ swivel "D" rings and adjustable 8 ton, 2" multi hitch
- 7 RV trailer plug

Budgetary Installed Price: \$ 8,810.00

One (1) **Fisher plow 9'6" XV2 V-Plow w/ hand held controller**. Including:

- 9'6" long x 31"-39" high, X-blade design construction, tapered wing design
- 14 gauge **Stainless Steel** moldboard, tighter blade curl, 1" base angle pins
- 6 springs, 12 ribs, approx. 1044lbs., Reinforced trip edge design, Plow stand and guides
- 70 degree attack angle, formed center edge eliminates snow pass-through
- Pull handle to release mount pins (no bending over), Auto retractable lift arm
- XtremeV electric hydraulic power pak, double acting wing cylinder
- Intensifier Halogen head lamps with park/turn signals, 6 way operation
- Black powder coat finish on mounts, 1/2" 2 piece steel cutting edge
- "Security Guard" electronically locks the plows hydraulic functions
- 2 year parts and labor warranty

Budgetary Installed Price: \$ 6,500.00

OPTIONS: (Circle Desired Add-Ons)

Dash mount joystick in lieu of hand held	N/C
Rubber deflector installed #41812	283.00
Manual load cover with tarp	350.00
30" x 18" x 18" black underbody box installed (alum add \$100) (Stainless steel add \$275)	415.00
36" x 18" x 18" black underbody box installed (alum add \$100) (Stainless steel add \$275)	440.00
Poly fenders installed in lieu of mud flaps	500.00
97 db back up alarm installed	70.00
Body up alarm	119.00

Terms: Net Due

Delivery: TBD

FOB: S. Windsor

You are authorized to do the work as specified.
Payments will be made as outlined above **plus any applicable sales tax**.

Signature: _____ Date: _____

****Please sign and return as confirmation of order****

Respectfully Submitted: Greg Leone, Hartford Truck Equipment Inc.
Prices subject to change without notice.

Rev. 10/11/2016

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL										
Agency/Department: PUBLIC WORKS						Project Name: PICK UP TRUCKS				
Project Description: THE DEPARTMENT IS SEEKING A NEW PICK UP TRUCK THIS YEAR.						Priority Rank by Agency/Department ☐ #1 Committed Project ☐ #2 Urgent Project ☒ #3 Needed Project ☐ #4 Desirable Project ☐ #5 Acceptable Project				
Justification: USE OF SMALL PICK UP TRUCKS AND DUMP TRUCKS PROVIDE A MORE COST EFFECTIVE MEANS OF TRANSPORTING MATERIAL AND CREW TO VARIOUS WORK SITES.						Required/Desired Date of Project Completion:				
Benefits: INCREASE PRODUCTIVITY DUE TO LESS DOWN TIME.						Type of Project: EQUIPMENT				
Costs if not implement:										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases		\$35,000				\$35,000				
Other (Identify)										
SUBTOTAL		\$35,000				\$35,000				
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		\$35,000				\$35,000				

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

Pick-up



Vehicle Locator

Dealer Information

SCRANTON MOTORS, INC.
777 TALCOTTVILLE RD
VERNON, CT 06066
Phone: 860-872-9145
Fax: 860-871-6085

1GT02REG2HZ404445

Model Year: 2017

Make: GMC

Model: 2500HD Sierra

TK25903-4WD, Regular Cab Long Box

PEG: 1SA-Sierra Preferred Equipment Group

Primary Color: GAZ-Summit White

Trim: H2R-Base Cloth, Jet Black / Dark Ash, Interior Trim

Engine: L96-Engine: 6.0L, V-8, SFI, FlexFuel w/ E63 only

Transmission: MYD-6-Speed Automatic

Event Code: 5000-Delivered to Dealer

Order #: VHXMZ0

MSRP: \$39,950.00

Order Type: TRE-Retail Stock

Stock #: ST9579

Inventory Status: Available

Total Cash Allowance: * \$500.00
(Expires on 11/30/2017)

Additional Vehicle Information

GM Marketing Information

Vehicle Options

Chargeable Options

	MSRP
C49-Defogger, Rear Window Electric	\$225.00
DF2-Mirrors: Camper Style, Black, Manual Foldaway	\$70.00
QXT-Tires, LT265/70R17, Blackwall, All Terrain	\$200.00
U01-Roof Marker Lamps	\$55.00
VYU-Snow Plow Prep Package	\$385.00
Z82-Trailer Package	\$575.00

No Cost Options

GEH-GVW Rating 9,500 LBS
L96-Engine: 6.0L, V-8, SFI, FlexFuel w/ E63 only
MYD-6-Speed Automatic
NE1-CT/MA/MD/ME/NJ/NY/OR/PA/RI/VT/WA Emissions

Other Options

1SA-Sierra Preferred Equipment Group
AE7-Seats: 40/20/40/ Split Front Bench
AY0-Airbags- Head Curtain, Side Impact
C67-Air Conditioning, Manual
G80-Locking Differential, Rear
GT5-Rear Axle 4.10 Ratio

IO3-Base Radio, 4.2" Color Screen, w/ USB Port
K34-Cruise Control
KW5-Alternator, 220 AMP
PYN-Wheels: 17" Steel
SAF-Lock, Spare Tire

U2J-SiriusXM Satellite Radio, Delete
ZXT-Tire Spare: LT265/70R17 BW

A60-Tailgate Lock
AU3-Power Door Locks
BG9-Floor Covering: Rubber Vinyl, Graphite
E63-Body: Pick-Up Bed / Box
GAZ-Summit White
H2R-Base Cloth, Jet Black / Dark Ash, Interior Trim
JL1-Integrated Trailer Brake Controller

K47-Air Cleaner, High Capacity
NZZ-Underbody Shield
R9U-GM-AutoBook Order Identifier
TRW-Provision, for Cab Roof Mounted Lamp / Beacon
VK3-License Plate Front Mounting Hardware
ZY1-Paint, Solid

"~" indicates vehicle belongs to Trading Partner's inventory



HARTFORD TRUCK EQUIPMENT
95 John Fitch Blvd,
South Windsor, CT 06074
Phone: 860-290-9516 F: 860-290-9519
Email: Sales@hartfordtruck.com

Quotation

Quote: 102617-1
Ref: GMC 2500 w/ 8' bed
Budgetary number
T/O Ellington
Date: 10-26-17

Scranton GMC/ Erik

We are pleased to quote on the following:

- One (1) **Fisher** plow model **8'6" XV2** V-Plow w/ hand held controller, Including:
8'6" long x 31"-38" high, X-blade design construction, tapered wing design
14 gauge **Mild Steel** moldboard, tighter blade curl, 1" base angle pins
4 springs, 12 ribs, approx. 972lbs.
70 degree attack angle, formed center edge eliminates snow pass-through
Pull handle to release mount pins (no bending over), auto retractable lift arm
Reinforced trip edge design, plow stand and guides
XtremeV electric hydraulic power pak, double acting wing cylinders
Intensifier Halogen head lamps with park/turn signals, 6 way operation
Black powder coat finish on mounts
1/2" 2 piece steel cutting edge with bolts installed
"Security Guard" electronically locks plows hydraulic functions
2 year parts and labor warranty

Budgetary Installed Price: \$ 5,750.00

- One (1) **Tommy Gate** lift gate model # G2-60-1342TP38, Including;
Two piece tread plate platform: 55" x 38" + 4" taper
1300 lb capacity
Dual hydraulic lift cylinder
Curbside controls
Painted black
2 year manufactures warranty
Return bumper and tailgate to customer

Budgetary Installed Price: \$ 3,045.00

OPTIONS: (Circle Desired Add Ons) – add to above

Dash mount joystick in lieu of Hand held	N/C
Two piece 38" aluminum platform in lieu of steel	650.00
Bolt on incandescent light kit	400.00
Bolt on LED light kit	500.00
Backup camera/sensor bar (if truck is equipped & bar is available)	180.00
If truck has plastic bed liner	40.00

Terms: Net Due

Delivery: TBD

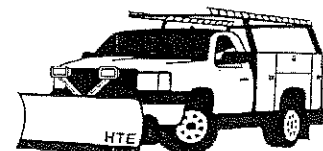
FOB: S. Windsor

You are authorized to do the work as specified.
Payments will be made as outlined above **plus any applicable sales tax.**

Signature: _____ Date: _____

****Please sign and return as confirmation of order****

Respectfully Submitted: Greg Leone, Hartford Truck Equipment Inc.
Prices subject to change without notice.



05/01/2017 REV:P

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL

Agency/Department: PUBLIC WORKS	Project Name: BACKHOE/EXCAVATOR					
Project Description: THIS WILL BE A NEW PIECE OF EQUIPMENT AND IS BEING REQUESTED TO ALLOW THE CREW TO OPERATE IN A MORE EFFICIENT MANNER ON DRAINAGE PROJECTS. REQUESTED YEAR FOR THIS IS CURRENTLY SET AT 2019/20.	Priority Rank by Agency/Department <table style="width: 100%; text-align: center;"> <tr> <td>☐ #1 Committed Project</td> <td>☐ #2 Urgent Project</td> <td>☒ #3 Needed Project</td> <td>☐ #4 Desirable Project</td> <td>☐ #5 Acceptable Project</td> </tr> </table>	☐ #1 Committed Project	☐ #2 Urgent Project	☒ #3 Needed Project	☐ #4 Desirable Project	☐ #5 Acceptable Project
☐ #1 Committed Project	☐ #2 Urgent Project	☒ #3 Needed Project	☐ #4 Desirable Project	☐ #5 Acceptable Project		
Justification: THE USE OF AN EXCAVATOR ALLOWS THE OPERATOR A MORE EFFICIENT OPERATION IN THAT THE OPERATOR WILL NOT HAVE TO MOVE AND RESET UP AS IS DONE NOW WITH THE BACKHOE. IT HAS MORE MOBILITY IN LOADING EXCAVATED MATERIAL.	Required/Desired Date of Project Completion:					
Benefits: LESS WEAR AND TEAR ON THE BACKHOE	Type of Project: EQUIPMENT					

Costs if not implement:

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases			\$90,000							
Other (Identify)										
SUBTOTAL			\$90,000							
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN			\$90,000							

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL										
Agency/Department: PUBLIC WORKS						Project Name: TRACTOR REPLACEMENT				
Project Description: THIS PURCHASE REPLACES OUR 1968 MODEL THAT WE CURRENTLY USE FOR ROADSIDE MOWING.						Priority Rank by Agency/Department ☐ #1 Committed Project ☐ #2 Urgent Project ☒ #3 Needed Project ☐ #4 Desirable Project ☐ #5 Acceptable Project				
Justification:						Required/Desired Date of Project Completion:				
Benefits:						Type of Project: EQUIPMENT				
Costs if not implement:										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases				\$45,000						
Other (Identify)										
SUBTOTAL				\$45,000						
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN				\$45,000						

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL										
Agency/Department: PUBLIC WORKS						Project Name: TURF MOWERS LARGE/SMALL				
Project Description: REPLACEMENT OF MOWERS						Priority Rank by Agency/Department ☐ #1 Committed Project ☐ #2 Urgent Project ☐ #3 Needed Project ☒ #4 Desirable Project ☐ #5 Acceptable Project				
Justification: THESE MOWERS ARE USED DAILY DURING THE GROWING SEASON TO MOW ALL TURF AREAS WITH IN THE TOWN; FROM ATHLETIC FIELDS BOTH TOWN AND SCHOOL PROPERTIES AND ALL PARKS.						Required/Desired Date of Project Completion:				
Benefits: 7 YEAR REPLACEMENT CYCLE.						Type of Project: EQUIPMENT				
Costs if not implement:										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases						\$30,000				
Other (Identify)										
SUBTOTAL						\$30,000				
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN						\$30,000				

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL	
Agency/Department: PUBLIC WORKS	Project Name: BRUSH CHIPPER
Project Description: REPLACEMENT OF 1994 BRUSH CHIPPER.	Priority Rank by Agency/Department
	☐ #1 Committed Project ☐ #2 Urgent Project ☒ #3 Needed Project ☐ #4 Desirable Project ☐ #5 Acceptable Project
Justification: THIS REPLACEMENT IS SOUGHT YEAR 20/21..	Required/Desired Date of Project Completion:
Benefits:	Type of Project: EQUIPMENT

Costs if not implement:

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases				\$45,000						
Other (Identify)										
SUBTOTAL				\$45,000						
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN				\$45,000						

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL										
Agency/Department: PUBLIC WORKS						Project Name: POOL CAR/STAFF VEHICLE				
Project Description: THIS REQUEST IS TO MOVE FORWARD WITH THE REPLACEMENT OF THE SENIOR CENTER VEHICLE THIS YEAR. THIS VEHICLE IS USED EVERY DAY AND THE MILEAGE IS CURRENTLY 130,000. FUTURE YEARS IS TO REPLACE CURRENT STAFF VEHICLES WITH FUEL EFFICIENT MODELS.						Priority Rank by Agency/Department				
						☐ #1 Committed Project	☐ #2 Urgent Project	☒ #3 Needed Project	☐ #4 Desirable Project	☐ #5 Acceptable Project
Justification:						Required/Desired Date of Project Completion:				
Benefits:						Type of Project: EQUIPMENT				
Costs if not implement:										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases		\$30,000		\$35,000						
Other (Identify)										
SUBTOTAL		\$30,000		\$35,000						
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		\$30,000		\$35,000						

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

2017 DODGE GRAND CARAVAN SE PLUS

THIS VEHICLE IS MANUFACTURED TO MEET SPECIFIC UNITED STATES REQUIREMENTS. THIS VEHICLE IS NOT MANUFACTURED FOR SALE OR REGISTRATION OUTSIDE OF THE UNITED STATES.

MANUFACTURER'S SUGGESTED RETAIL PRICE OF THIS MODEL INCLUDING DEALER PREPARATION

Base Price: \$24,995

DODGE GRAND CARAVAN SE
Exterior Color: Black Onyx Crystal Pearl-Coat Exterior Paint
Interior Color: Black Interior Color
Interior: Premium Cloth Bucket Seats
Engine: 3.6-Liter V6 24-Valve VVT Engine
Transmission: 6-Speed Automatic 62TE Transmission

STANDARD EQUIPMENT (UNLESS REPLACED BY OPTIONAL EQUIPMENT)
FUNCTIONAL/SAFETY FEATURES

Advanced Multistage Front Airbags
Supplemental Side-Curtain Airbags in All Rows
Supplemental Front Seat-Mounted Side Airbags
Driver Inflatable Knee-Bolster Airbag
LATCH Ready Child Seat Anchor System
Daytime Running Lamps
Anti-Lock 4-Wheel Heavy Duty Disc Brakes
Electronic Stability Control
Tire Pressure Monitoring Sensor
Speed Control
Keyless Entry with Immobilizer
Sliding Door Alert Warning
Power Door Locks
20-Gallon Fuel Tank
Fuel Economy
Trailer Sway Dampening
Tire Inflator Kit (No Compact Spare)

INTERIOR FEATURES

2nd-Row Bench w/3rd Row 60/40 Stow 'n Go® Bench
Steering Wheel Mounted Audio Controls
Tilt / Telescope Steering Column
Radio 130
4 Speakers
12-Volt DC Front and Rear Power Outlets
12-Volt Auxiliary Power Outlet
Power Windows with Driver's One-Touch-Down Feature
Dual Glove Boxes
Overhead Console
Lower Instrument Panel Storage Bin
Rear View Day / Night Mirror
A-Pillar Passenger Assist Handle
Second-Row Overhead Interior Assist Handles
Second-Row B-Pillar Assist Handles
Headlamps with Turn-Off Time Delay
Driver-Side Sun Visor with Mirror
Rear Dome Lamp

OPTIONAL EQUIPMENT (May Replace Standard Equipment)

Customer Preferred Package 290 \$2,200
17-inch x 6.5-inch Satin Carbon Aluminum Wheels
Body-Color Exterior Mirrors
Highline Door Trim Panel
Instrument Panel with Piano Black Applique
Premium Interior Accents

2nd/3rd-Row Stow 'n Go® w/3rd-Row Tailgate Seats
Second-Row Buckets with Fold-in-Floor Seats
3-Zone Manual Temperature Control
Front and Rear Air Conditioning with Heater
Sunscreen Glass
Premium Cloth Bucket Seats
Power Front One-Touch Windows
Second-Row Power Windows
Power Third-Row Vented Windows
Leather-Wrapped Steering Wheel
Leather-Wrapped Shift Knob
Uconnect® Hands-Free Group
Floor Console with Cup Holder
Body-Color Door Handles
Body-Color Body Side Molding
Body-Color Sill Applique
Easy Clean Floor Mats
Bluetooth® Streaming Audio
Uconnect® Voice Command with Bluetooth®
Auto-Dimming Rear View Mirror w/Microphone
Remote USB Port
6 Speakers
SiriusXM® Sat Radio w/ 1-Yr Radio Subscription
For More Information, Call 888-539-7474

Blacktop Package \$495
17-Inch x 6.5-Inch Polished Alum w/Gloss Black Pckt
Black Grille
Black Headlamp Bezels
Black Interior Accents
Flex Fuel Vehicle

DESTINATION CHARGE

\$1,095

TOTAL PRICE: *\$28,785

WARRANTY COVERAGE

5-year or 60,000-mile Powertrain Limited Warranty.
3-year or 36,000-mile Basic Limited Warranty.
Ask Dealer for a copy of the limited warranties or see your owner's manual for details.

5 YEAR / 60,000 MILE
POWERTRAIN WARRANTY

Assembly Point/Port of Entry: WINDSOR, ONTARIO, CANADA

VIN: 2C4-RDGBG1HR-568919

L1 VIN: 5478

SL 0000



THIS LABEL IS ADDED TO THIS VEHICLE TO COMPLY WITH FEDERAL LAW. THE LABEL CANNOT BE REMOVED OR ALTERED PRIOR TO DELIVERY TO THE ULTIMATE PURCHASER.
* STATE AND/OR LOCAL TAXES IF ANY, LICENSE AND TITLE FEES AND DEALER SUPPLIED AND INSTALLED OPTIONS AND ACCESSORIES ARE NOT INCLUDED IN THIS PRICE. DISCOUNT, IF ANY, IS BASED ON PRICE OF OPTIONS IF PURCHASED SEPARATELY.

For more information visit: www.dodge.com
or call 1-800-4ADODGE

FCA US LLC

EPA DOT Fuel Economy and Environment

Flexible-Fuel Vehicle
Gasoline-Ethanol (E85)

Fuel Economy

These estimates reflect new EPA methods beginning with 2017 models.

20 MPG
combined city/hwy

17 city 25 highway 5.0 gallons per 100 miles

Driving Range

Gasoline: 400 miles
Ethanol (E85): 260 miles

Minivan range from 19 to 23 MPG.
The best vehicle rates 119 MPG. Values are based on gasoline and do not reflect performance and ratings based on E85.

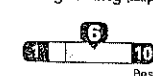
You spend
\$2,250

more in fuel costs
over 5 years
compared to the
average new vehicle.

Annual fuel Cost
\$1,850

Fuel Economy & Greenhouse Gas Rating (tailpipe only)

Smog Rating (tailpipe only)



This vehicle emits 445 grams CO2 per mile. The best emits 0 grams per mile (tailpipe only). Producing and distributing fuel also creates emissions; learn more at fuelconomy.gov

Actual results will vary for many reasons, including driving conditions and how you drive and maintain your vehicle. The average new vehicle gets 26 MPG and cost \$7,000 to fuel over 5 years. Cost estimates are based on 15,000 miles per year at \$2.45 per gallon. This is a dual fueled automobile. MPG is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.

fuelconomy.gov

Calculate personalized estimates and compare vehicles



GOVERNMENT 5-STAR SAFETY RATINGS

Overall Vehicle Score

★★★★

Based on the combined ratings of frontal, side, and rollover.
Should ONLY be compared to other vehicles of similar size and weight.

Frontal

Driver

★★★★

Crash

Passenger

★★★★

Based on the risk of injury in a frontal impact.

Should ONLY be compared to other vehicles of similar size and weight.

Side

Front seat

★★★★★

Crash

Rear seat

★★★★★

Based on the risk of injury in a side impact.

Rollover

★★★★

Based on the risk of rollover in a single-vehicle crash.

Star ratings range from 1 to 5 stars (★★★★★) with 5 being the highest.

Source: National Highway Traffic Safety Administration (NHTSA)

www.safercar.gov or 1-888-327-4236

The safety ratings above are based on Federal Government tests of particular vehicles equipped with certain features and options. The performance of this vehicle may differ.

PARTS CONTENT INFORMATION

FOR VEHICLES IN THIS CARLINE:

U.S./CANADIAN PARTS CONTENT: 70%

MAJOR SOURCES OF FOREIGN PARTS

CONTENT:

MEXICO: 18%

NOTE: PARTS CONTENT DOES NOT INCLUDE FINAL ASSEMBLY, DISTRIBUTION, OR OTHER NON-PARTS COSTS.

FOR THIS VEHICLE:

FINAL ASSEMBLY POINT:

WINDSOR, ONTARIO, CANADA

COUNTRY OF ORIGIN:

ENGINE: UNITED STATES

TRANSMISSION: UNITED STATES

CUSTOMER DISCLOSURE

Sale Vehicle: New 2017 DODGE GRAND CARAVAN RTKH53 4dr Wgn SE w/AC , Automatic , Odom: 10 , Stock No: HR568919

Total COD: 0.00

Monthly Payment: 26,726.94

Payment Information

Term: 1

Annual Percentage Rate (APR): 0.00

Days to 1st Payment: 45

Balloon Payment: 0.00

Trade One Information

Allowance: 0.00

Payoff: 0.00

Trade Two Information

Allowance: 0.00

Payoff: 0.00

Fee Information

Doc Fee: 489.00

Registration: 200.00

Total Fees: 689.00

Price Breakdown

Selling Price: 27,510.00

Dealer Installed Options: 0.00

Total Cash Price: 27,510.00

Down Payment Breakdown

Cash Down Payment: 0.00

Customer Rebate 3,250.00

Trade Allowance: 0.00

Trade Payoff: 0.00

Net Trade: 0.00

Total Down Payment: 3,250.00

Finance Details

Sales Subtotal: 24,260.00

Sales Tax: 1,777.94

Fees: 689.00

Balance Due: 26,726.94

Finance Charges: 0.00

Total of Payments: 26,726.94

Tax Information		
Customer State: Connecticut Customer County: TOLLAND		
Type	Amt	Rate
Finance Tax	1,777.94	6.3500

(* 2 Coupons)

27,510
 - 3,250

 24,260

bt

4R 568919

FCA US LLC INVOICE

1318-A

PLANT	ZONE	DEALER	VEHICLE ID NUMBER	INVOICE NO.	INVOICE DT.
WINDSOR	32	23043	2C4RDGBG1HR568919	H-RTK-37135478	09/09/16

SHIPBOLLES MOTORS INC

TO: PO BOX 418

ROCKVILLE

CT 06066-

IGN KEY

TRK KEY

ACC KEY

SOLDBOLLES MOTORS INC

TO: PO BOX 418

ROCKVILLE

CT 06066-

9103-01-9H09

PAID FOR BY: ALLY

CREDIT SALE

XX CASH SALE

SHIPPING WT. 4328

SAE HP 34.3

631-072404-00

BODY & EQUIP.	DESCRIPTION	FACTORY WHOLESALE PRICE
------------------	-------------	----------------------------

RTKH53	DODGE GRAND CARAVAN SE	24,735.00
PXR	Black Onyx Crystal Paint	
N7X9	Premium Cloth Bucket Seats	NO CHARGE
ADZ	Blacktop Package	441.00
DG2	6-Speed Automatic 62TE Transmission	NO CHARGE
ERB	3.6L V6 24-Valve VVT Engine	NO CHARGE
XKN	Flex Fuel Vehicle	
YGE	5 Additional Gallons of Gas	12.00
2DQ	Customer Preferred Package 2DQ	
29Q	Customer Preferred Package 29Q	1,958.00
053	DESTINATION CHARGE	1,095.00
HB 83100		

MDH # 090909

EP 27028

PP 28033

DR 27566

USE DEALERCONNECT TO OBTAIN
KEY INFORMATION

MSRP RETAIL TOTAL

28,785.00

TOTAL 28,241.00

ORIGINAL INVOICE

THIS VEHICLE IS MANUFACTURED TO MEET SPECIFIC UNITED STATES REQUIREMENTS. THIS
VEHICLE IS NOT MANUFACTURED FOR SALE OR REGISTRATION OUTSIDE THE UNITED STATES.

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL																				
Agency/Department: Human Services/Senior Center							Project Name: Senior Center Bus													
Project Description: 12 Passenger bus with wheelchair lift (10 seats & 2 wheelchairs)							Priority Rank by Agency/Department <table style="width: 100%; text-align: center;"> <tr> <td>☐ #1</td> <td>☐ #2</td> <td>☒ #3</td> <td>☐ #4</td> <td>☐ #5</td> </tr> <tr> <td>Committed Project</td> <td>Urgent Project</td> <td>Needed Project</td> <td>Desirable Project</td> <td>Acceptable Project</td> </tr> </table>				☐ #1	☐ #2	☒ #3	☐ #4	☐ #5	Committed Project	Urgent Project	Needed Project	Desirable Project	Acceptable Project
☐ #1	☐ #2	☒ #3	☐ #4	☐ #5																
Committed Project	Urgent Project	Needed Project	Desirable Project	Acceptable Project																
Justification: Current bus is a 2010 and has reached its useful life according to the Department of Transportation standards. New bus will allow seamless transitions and enable us to continue our services, as well as, keep cost of repairs to a minimum.							Required/Desired Date of Project Completion: Delivery in Spring of 2019 or later													
Benefits: Transportation for our senior & disabled residents to go to doctor appointments, grocery shopping and alike.							Type of Project: Purchase of new bus, with 80% reimbursement from DOT													
Costs if not implement: Total cost is \$60,000, with 80% reimbursement from DOT grant (5310)																				
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES										
Planning & Engineering																				
Site & ROW Acquisition																				
Construction																				
Equipment Purchases	4 (80%) 1 (20%)	\$60,000						\$60,000												
Other (Identify)																				
SUBTOTAL		\$60,000						\$60,000												
New Personnel																				
DOT Grant		\$48,000						\$48,000												
TOTAL COST TO TOWN		\$12,000						\$12,000												

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

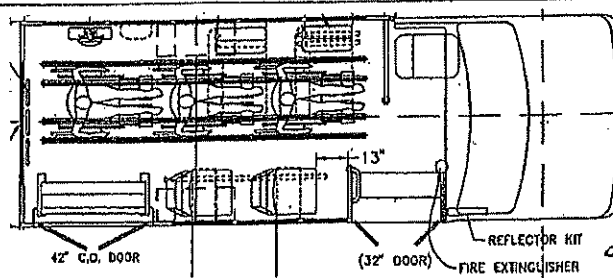
APPENDIX J - Approximate Vehicle Pricing & Specifications

Please note that CTDOT's paratransit vendor contract is currently out for bid. The prices listed below are estimates and may change. Additional accessible vehicle styles beyond what is included below will be available in this application cycle, including accessible minivans.

The purpose of this submission is to assist in determining the total cost of the vehicle to be procured. The costs exhibited are the averages of previous purchases and may fluctuate depending upon the selected option content. Floorplan renderings are not to scale.

Category C van \$51,000 to \$53,000

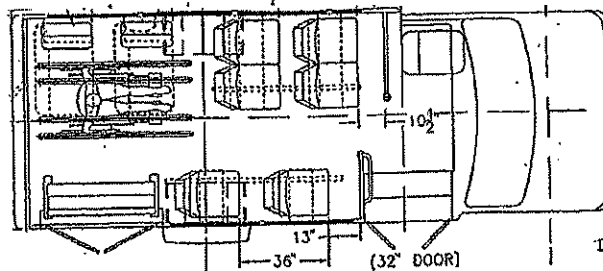
6 seats and 1 wheelchair
convertible to
4 seats and 2 wheelchairs
convertible to
2 seats and 3 wheelchairs



Non CDL

Category D van \$52,000 to \$54,000

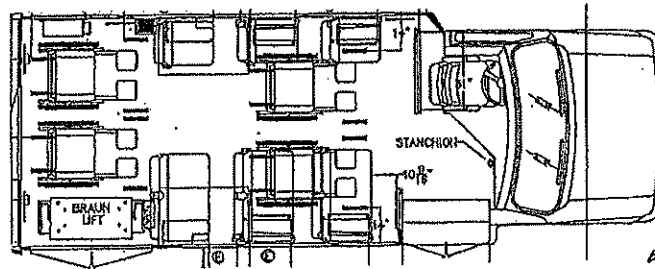
6 seats and 1 wheelchair
convertible to
10 seats and 0 wheelchairs



Non CDL

Category E bus \$59,000 to \$61,000

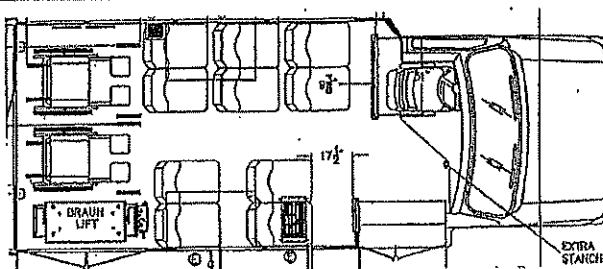
3 seats and 4 wheelchairs
convertible to
6 seats and 3 wheelchairs
convertible to
12 seats and 2 wheelchairs



Non CDL

Category F bus \$53,000 to \$55,000

10 seats and 2 wheelchairs



Non CDL

27 We spoke to DOT who confirmed price will be approx the same for the 2017 application requests. They also suggested using \$160,000 as the max amount, which will include the cost of signage for the outside of bus.

FFY 2016 CTDOT SECTION 5310 APPLICATION INSTRUCTIONS

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL										
Agency/Department: Ellington Volunteer Fire Department							Project Name: Rehab Pumper (ET-143)			
Project Description: Level 1 rehab of the existing 1997 Pierce Pumper							Priority Rank by Agency/Department			
							☐ #1 Committed Project	☒ #2 Urgent Project	☐ #3 Needed Project	☐ #4 Desirable Project
Justification: Rehab of a 21 year old fire pumper, The existing pumper is past its life expectancy and should be replaced. A rehab can extend the life of the apparatus; however it is extensive and may extend the life of the apparatus up to 10 years, depending on the findings during the rehab.							Required/Desired Date of Project Completion: April 2020			
Benefits: The rehab of this apparatus will equate to reduced maintenance costs and increased reliability. Rehabbing this apparatus will allow for better value for the trade in apparatus whereas delaying the rehab will dramatically reduce the potential revenues.							Type of Project : Fire Apparatus Replacement			
Costs if not implement: Increased maintenance costs, longer down time and needing to depend on older equipment for emergency scene operations.										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases										
Other (Identify)			Rehab 250,000							Pierce
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN			250,000							

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

Mike Hanratty Jr <mhanrattyjr@firematic.com>

10/5/2017 4:59 PM

RE: A couple of questions

To Sr Gary Feldman <gfeldman63@comcast.net> Copy mortchap@aol.com <mortchap@aol.com>

Chief,

Good afternoon and thank you for the Email.

Refurbs are a difficult thing to ball park because the term "Refurb" has many different definitions. NFPA did try and clarify things a bit with the Level 1 and Level 2 classifications, however even with those, the definitions get very broad and non specific. If the goal is to simply extend the life of the truck another 7-10 years by upgrading the scene/emergency lighting, repair/repainting the cab and body, repair/replace driveline, cooling system, brakes, suspension, and NOT changing the cab or body structurally. Then I'd guess you'd be in the 150-250K range depending on the status engine and transmission. If we get into body redesigns, cab modifications, then we talking about quite a bit more.

30872	Pumper	Impel	Cummins 450 hp	1000 gal	Waterous 1500 GPM	45.00" Side	171" 2nd Gen, Long	Side control, rescue depth compt on driver side, TAK-4 front suspension, Cummins L9 460hp engine, Side Roll and Frontal Impact Protection, rear camera, 12V scene lights, visor lights, Husky 3 foam system, hatch compartments, two-tone paint
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Available immediately - \$548K

30432	Pumper	Dash CF	Detroit 525 hp	1000 gal	Pierce 1500 GPM	Other PUC	214" PJC	Side control, Detroit DD13 525hp engine, TAK-4 front suspension, Side Roll and Frontal Impact Protection, foam system provisions, 6kW generator, 22" front bumper, hatch compartments, rear camera, low mount crosslays with painted doors
-------	--------	---------	----------------	----------	-----------------	-----------	----------	--

Available immediately - \$620K which includes a 25k discount for having over 5k in mileage

Good Luck and I hope this helps.

Give me a call anytime.

Mike Hanratty
VP Sales & Service
Firematic Supply Co Inc

Cell 860-883-4167

From: Gary Feldman, Sr [mailto:gfeldman63@comcast.net]
Sent: Thursday, October 05, 2017 12:38 PM
To: Mike Hanratty Jr <mhanrattyjr@firematic.com>
Subject: A couple of questions

Good afternoon Mike, I hope you're doing well.

I was wondering if you could get me a price for a level 1 rehab for our 1997 Pierce Quantum. I know you'll need to come out and look at it but I'm looking to extend the life if it is feasible.

Secondly I was looking at the pierce website and they have a couple of stock trucks I'd like to get the prices on.

Stock # 30872 Impel Demo with 1500 pump and 1000 gallon tank

Stock # 30432 Dash CF PUC 1500 pump 1000 gallon tank.

I look forward to hearing back from you.

Thank You

Gary T. Feldman Sr.

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL	
Agency/Department: Ellington Volunteer Fire Department	Project Name: Replacement Pumper (ET-143)
Project Description: Construction and delivery of a replacement fire pumper	Priority Rank by Agency/Department
	☐ #1 Committed Project ☒ #2 Urgent Project ☐ #3 Needed Project ☐ #4 Desirable Project ☐ #5 Acceptable Project
Justification: Replacement of a 21 year old fire pumper,	Required/Desired Date of Project Completion: April 2019
Benefits: The purchase of this apparatus will equate to reduced maintenance costs and increased safety and reliability. Replacing the apparatus at this time will allow for better value for the trade in apparatus whereas delaying the purchase will dramatically reduce the potential revenues.	Type of Project : Fire Apparatus Replacement

Costs if not implement: Increased maintenance costs, longer down time and needing to depend on older equipment for emergency scene operations.

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases		625,000								EVFD
Other (Identify)										
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		625,000								

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

Patrick Martin <pmartin@five-star-fire.com>

12/11/2017 7:11 AM

RE: Need for quotes

To Sr Gary Feldman <gfeldman63@comcast.net>

Hey, Chief.

The Harwich truck had a 1000gpm pump with 500 gallons. I've done up a pretty quick spec that we can definitely build off of that has the same 500 gallons of water, but does have the 1500gpm pump. We've also used the same chassis with the 4-door, 4x4 FL M106 cab. The VERY vague price came to \$408,000.00. With the 2-door cab, the price dropped to just under \$400,000.00. Those prices are for a 3-compartment body...not the WUI body that the Harwich truck has. I'd imagine the 2-compartment version of that truck would be slightly less than the numbers quoted above.

In terms of the custom pumper, the price increased a little bit to \$625,500.00. There's a chance that the price may come down a little bit....but, I think you're safe with that number for your budgetary purposes.

I'm on my last day in OH, and should be back in CT later on tonight....but, feel free to let me of any problems or if you need some more info.

Pat

From: Gary Feldman, Sr [<mailto:gfeldman63@comcast.net>]
Sent: Wednesday, November 29, 2017 8:54 AM
To: Patrick Martin <pmartin@five-star-fire.com>
Subject: RE: Need for quotes

Good Morning Pat, Now that I had a chance to look at the prints you can give me the price for the Harwich truck. It does have a 1500 gpm pump and 500 gal tank?

On November 28, 2017 at 9:10 AM Patrick Martin <pmartin@five-star-fire.com> wrote:

Good morning, Chief.

That shouldn't be too big of a request!

- With the price increase already here, I can get you a price on a "new" spec of the truck we're building now.
- Regarding the 4x4 commercial cab, I think I gave you the drawing of the truck we're building for Harwich, MA....that's a FL M2 108, 4-door, 4-wheel drive. If we can get a bench for the 3rd person, would you like a 2-door? Or, stay with the 4-door? I've attached the FL spec and the drawing of that Harwich truck.

I'm on the road to the Sutphen plant in the AM, but should be able to get a \$ for both projects by Friday.

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL										
Agency/Department: Ellington Volunteer Fire Department							Project Name: Replacement Forestry Unit (F-143 & F 243) with a four wheel drive pumper			
Project Description: Construction and delivery of a replacement forestry unit 4X4 and our 1996 GMC pickup. These apparatus would no longer be forestry units as we now have a UTV to perform those tasks. This apparatus would give us four wheel drive capabilities as well as pumper capabilities in a smaller package than a full size pumper for severe weather events and to access the long, steep driveways that do not comply with the town requirements.							Priority Rank by Agency/Department			
							☐ #1 Committed Project	☒ #2 Urgent Project	☐ #3 Needed Project	☐ #4 Desirable Project
Justification: The current vehicles are a 1986 military HUMMER conversion that was built by department members and a 1996 GMC pickup. The HUMMER has approximately 136,000 miles on it and it has had extensive mechanical and body work performed. Parts have become very hard to find. The GMC pickup is becoming unreliable and parts are also not readily available. It was determined during the annual service and inspection of the major apparatus, the best option would be to replace these two units with a dual purpose piece of apparatus. A 4X4 pumper to give us access to remote areas as well as providing Class A pumper capability.							Required/Desired Date of Project Completion: April 2019			
Benefits: Reduced maintenance costs, increased safety and reliability, will provide additional credit as a pumper for an improved ISO rating.							Type of Project: Fire Apparatus			
Costs if not implement: Increased maintenance costs, longer down time and needing to depend on older equipment for emergency scene operations.										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases		450,000								
Other (Identify)										
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		450,000								

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

mortchap@aol.com

11/30/2017 12:46 PM

Commercial Pumper

To gfeldman63@comcast.net

Good Afternoon Chief,

I believe Michael Hanratty addressed your question 1 previously, so I will provide information on a unit similar to that you described in your question 2.

Please refer to the component list in the attachment for a Freightliner M2-106, 4 x 4 Pumper which is the closest match to the unit you described. The ballpark price for this unit would be \$475,000.

Please let me know if you have any questions or require additional information.

Thanks,
Mike

- scan.pdf (677 KB)

Prepared by:
KEVIN BIGLIAZZI
FREIGHTLINER OF HARTFORD
199 ROBERTS STREET
EAST HARTFORD, CT 06108
Phone: 860-289-0201

SPECIFICATION PROPOSAL

Description	
Price Level	M2 PRL-14M (EFF:10/05/15)
Data Version	SPECPRO21 DATA RELEASE VER 031
Vehicle Configuration	M2 106 CONVENTIONAL CHASSIS 2017 MODEL YEAR SPECIFIED SET BACK AXLE - TRUCK STRAIGHT TRUCK PROVISION LH PRIMARY STEERING LOCATION
General Service	TRUCK CONFIGURATION DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES) RESCUE AND EMERGENCY SERVICE EMERGENCY VEHICLES BUSINESS SEGMENT LIQUID BULK COMMODITY TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS MAXIMUM 8% EXPECTED GRADE SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE MEDIUM TRUCK WARRANTY EXPECTED FRONT AXLE(S) LOAD : 16000.0 lbs EXPECTED REAR DRIVE AXLE(S) LOAD : 26000.0 lbs EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 42000.0 lbs

Prepared by:
KEVIN BIGLIAZZI
FREIGHTLINER OF HARTFORD
199 ROBERTS STREET
EAST HARTFORD, CT 06108
Phone: 860-289-0201

	Description
Truck Service	
	RESCUE - STRAIGHT (NON DROP) FRAME NO MAIN DRIVELINE DRIVEN SPLIT-SHAFT PTO EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 In
Engine	
	CUM ISL 350 HP @ 2000 RPM, 2200 GOV RPM, 1000 LB/FT @ 1400 RPM
Electronic Parameters	
	68 MPH ROAD SPEED LIMIT CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT PTO MODE ENGINE RPM LIMIT - 1100 RPM PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED PTO RPM WITH CRUISE SET SWITCH - 700 RPM PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM PTO MODE CANCEL VEHICLE SPEED - 5 MPH PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND PTO MINIMUM RPM - 700 REGEN INHIBIT SPEED THRESHOLD - 5 MPH
Engine Equipment	
	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG17 BUT NOT FINAL GHG17 CONFIGURATION NO 2008 CARB EMISSION CERTIFICATION STANDARD OIL PAN ENGINE MOUNTED OIL CHECK AND FILL ONE PIECE VALVE COVER SIDE OF HOOD AIR INTAKE WITH NFPA COMPLIANT EMBER SCREEN AND FIRE RETARDANT DONALDSON AIR CLEANER LN 12V 320 AMP 4962PA PAD MOUNT ALTERNATOR (2) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 2250 CCA THREADED STUD BATTERIES BATTERY BOX FRAME MOUNTED STANDARD BATTERY JUMPERS SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB

Prepared by:
KEVIN BIGLIAZZI
FREIGHTLINER OF HARTFORD
199 ROBERTS STREET
EAST HARTFORD, CT 06108
Phone: 860-289-0201

Description

WIRE GROUND RETURN FOR BATTERY CABLES
WITH ADDITIONAL FRAME GROUND RETURN
NON-POLISHED BATTERY BOX COVER
POSITIVE LOAD DISCONNECT WITH CAB
MOUNTED CONTROL SWITCH WITH LOCKING
PROVISION MOUNTED OUTBOARD DRIVER
SEAT
POSITIVE AND NEGATIVE POSTS FOR
JUMPSTART LOCATED ON FRAME NEXT TO
STARTER
CUMMINS TURBOCHARGED 18.7 CFM AIR
COMPRESSOR WITH INTERNAL SAFETY VALVE
STANDARD MECHANICAL AIR COMPRESSOR
GOVERNOR
AIR COMPRESSOR DISCHARGE LINE
GVG, FIRE AND EMERGENCY SERVICE
VEHICLES ENGINE WARNING
CUMMINS EXHAUST BRAKE INTEGRAL WITH
VARIABLE GEOMETRY TURBO WITH ON/OFF
DASH SWITCH
RH OUTBOARD UNDER STEP MOUNTED
HORIZONTAL AFTERTREATMENT SYSTEM
ASSEMBLY WITH RH HORIZONTAL TAILPIPE
ENGINE AFTERTREATMENT DEVICE,
AUTOMATIC OVER THE ROAD ACTIVE
REGENERATION AND DASH MOUNTED SINGLE
REGENERATION REQUEST/INHIBIT SWITCH
STANDARD EXHAUST SYSTEM LENGTH
RH STANDARD HORIZONTAL TAILPIPE
6 GALLON DIESEL EXHAUST FLUID TANK
100 PERCENT DIESEL EXHAUST FLUID FILL
LH MEDIUM DUTY STANDARD DIESEL EXHAUST
FLUID TANK LOCATION
STANDARD DIESEL EXHAUST FLUID PUMP
MOUNTING
STANDARD DIESEL EXHAUST FLUID TANK CAP
HORTON DRIVEMASTER ADVANTAGE ON/OFF
FAN DRIVE
AUTOMATIC FAN CONTROL WITHOUT DASH
SWITCH, NON ENGINE MOUNTED
CUMMINS SPIN ON FUEL FILTER
COMBINATION FULL FLOW/BYPASS OIL FILTER
1100 SQUARE INCH ALUMINUM RADIATOR
ANTIFREEZE TO -34F, ETHYLENE GLYCOL PRE-
CHARGED SCA HEAVY DUTY COOLANT

Prepared by:
KEVIN BIGLIAZZI
FREIGHTLINER OF HARTFORD
199 ROBERTS STREET
EAST HARTFORD, CT 06108
Phone: 860-289-0201

Description

GATES BLUE STRIPE COOLANT HOSES OR
EQUIVALENT
GATES POWERGRIP SHRINK BAND HOSE
CLAMPS WHERE POSSIBLE
AUXILIARY ENGINE COOLING USING WATER
FROM FIRE PUMP
LOWER RADIATOR GUARD
ALUMINUM FLYWHEEL HOUSING
ELECTRIC GRID AIR INTAKE WARMER
DELCO 12V 39MT HD/OCP STARTER WITH
THERMAL PROTECTION AND INTEGRATED
MAGNETIC SWITCH

Transmission

ALLISON 3000 EVS AUTOMATIC TRANSMISSION
WITH PTO PROVISION

Transmission Equipment

ALLISON VOCATIONAL PACKAGE 198 -
AVAILABLE ON 3000/4000 PRODUCT FAMILIES
WITH VOCATIONAL MODEL EVS
ALLISON VOCATIONAL RATING FOR FIRE
TRUCK/EMERGENCY VEHICLE APPLICATIONS
AVAILABLE WITH ALL PRODUCT FAMILIES
PRIMARY MODE GEARS, LOWEST GEAR 1,
START GEAR 1, HIGHEST GEAR 6, AVAILABLE
FOR 3000/4000 PRODUCT FAMILIES ONLY
SECONDARY MODE GEARS, LOWEST GEAR 1,
START GEAR 1, HIGHEST GEAR 6, AVAILABLE
FOR 3000/4000 PRODUCT FAMILIES ONLY
PRIMARY SHIFT SCHEDULE RECOMMENDED BY
DTNA AND ALLISON, THIS DEFINED BY ENGINE
AND VOCATIONAL USAGE
ENHANCED CONVERTER LOAD RELEASE -
DISABLED, AVAILABLE FOR ALL PRODUCT
FAMILIES ONLY
PRIMARY SHIFT SPEED RECOMMENDED BY
DTNA AND ALLISON, THIS DEFINED BY ENGINE
AND VOCATIONAL USAGE
SECONDARY SHIFT SPEED RECOMMENDED BY
DTNA AND ALLISON, THIS DEFINED BY ENGINE
AND VOCATIONAL USAGE
LOAD BASED SHIFT SCHEDULE AND VEHICLE
ACCELERATION CONTROL RECOMMENDED BY
DTNA AND ALLISON, THIS DEFINED
VOCATIONAL USAGE
NEUTRAL AT STOP - DISABLED, FUELSense -
DISABLED

Prepared by:
KEVIN BIGLIAZZI
FREIGHTLINER OF HARTFORD
199 ROBERTS STREET
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Phone: 860-289-0201

Description

DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES
VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT END OF FRAME
ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED
MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN
PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED
TRANSMISSION PROGNOSTICS - ENABLED 2013
WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK
MERITOR MTC-4210 AND MTC-4213 TRANSFER CASE OIL COOLER
TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK
MERITOR MTC 4210XL-EVO 2-SPEED TRANSFER CASE
TRANSFER CASE SHIFT CONTROLS WITH TRANSFER CASE PTO ON/OFF SWITCH WHEN APPLICABLE
SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)

Front Axle and Equipment

MX-16-120 16,000# 1790MM KPI SINGLE FRONT DRIVE AXLE
5.57 FRONT AXLE RATIO
MXL 16T MERITOR EXTENDED LUBE FRONT STEERING AXLE DRIVELINE WITH HALF ROUND YOKES
MERITOR 16.5X6 Q+ MX DRIVE AXLE CAST SPIDER CAM FRONT BRAKES
FIRE AND EMERGENCY SEVERE SERVICE, NON-ASBESTOS FRONT LINING
MERITOR CAST IRON FRONT BRAKE DRUMS
FRONT BRAKE DUST SHIELDS
FRONT GREASE SEAL
STANDARD SPINDLE NUTS FOR ALL AXLES
MERITOR AUTOMATIC FRONT SLACK ADJUSTERS
TRW TAS-85 POWER STEERING
POWER STEERING PUMP

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Description

2 QUART SEE THROUGH POWER STEERING
RESERVOIR
SYNTHETIC 75W-90 FRONT AXLE LUBE

Front Suspension

16,000# TAPERLEAF FRONT SUSPENSION
MAINTENANCE FREE RUBBER BUSHINGS -
FRONT SUSPENSION
NO FRONT SUSPENSION SPRING BRACKET
OPTIONS
FRONT SHOCK ABSORBERS

Rear Axle and Equipment

S26-190 27,000# R-SERIES 72-74 INCH TRACK
FIRE/EMERGENCY SERVICE SINGLE REAR
AXLE
5.57 REAR AXLE RATIO
IRON REAR AXLE CARRIER WITH STANDARD
AXLE HOUSING
MXL 176T MERITOR EXTENDED LUBE MAIN
DRIVELINE WITH HALF ROUND YOKES
MXL 176T MERITOR EXTENDED LUBE
INTERTRANSMISSION DRIVELINE WITH HALF
ROUND YOKES
MERITOR 16.5X7 P CAM REAR BRAKES,
DOUBLE ANCHOR, CAST SHOES
FIRE AND EMERGENCY SEVERE SERVICE NON-
ASBESTOS REAR BRAKE LINING
BRAKE CAMS AND CHAMBERS ON FORWARD
SIDE OF DRIVE AXLE(S)
WEBB HEAVY WEIGHT CAST IRON REAR BRAKE
DRUMS
SKF SCOTSEAL PLUS XL REAR OIL SEALS
HALDEX GOLDSEAL LONGSTROKE 1-DRIVE
AXLE SPRING PARKING CHAMBERS
HALDEX AUTOMATIC REAR SLACK ADJUSTERS
SYNTHETIC 75W-90 REAR AXLE LUBE

Rear Suspension

27,000# FLAT LEAF SPRING REAR SUSPENSION
WITH HELPER AND RADIUS ROD FOR
FIRE/EMERGENCY SERVICE
SPRING SUSPENSION - NO AXLE SPACERS
STANDARD AXLE SEATS IN AXLE CLAMP
GROUP
FORE/AFT CONTROL RODS

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Description

Brake System

AIR BRAKE PACKAGE
WABCO 4S/4M ABS WITH TRACTION CONTROL
REINFORCED NYLON, FABRIC BRAID AND WIRE
BRAID CHASSIS AIR LINES
FIBER BRAID PARKING BRAKE HOSE
STANDARD BRAKE SYSTEM VALVES
STANDARD AIR SYSTEM PRESSURE
PROTECTION AND 85 PSI PRESSURE
PROTECTION FOR AIR HORN(S)
STD U.S. FRONT BRAKE VALVE
RELAY VALVE WITH 5-8 PSI CRACK PRESSURE,
NO REAR PROPORTIONING VALVE
WABCO SS-1200 PLUS AIR DRYER WITH
INTEGRAL AIR GOVERNOR AND HEATER
AIR DRYER FRAME MOUNTED
ALUMINUM AIR BRAKE RESERVOIRS
(1) 1730 CUBIC INCH AIR HORN TANK, 85 PSI
PRESSURE PROTECTED INLET WITH CHECK
VALVE AND QUICK DISCONNECT FITTING
CLEAR FRAME RAILS FROM BACK OF CAB TO
FRONT REAR SUSPENSION BRACKET, BOTH
RAILS OUTBOARD
PULL CABLE ON WET TANK, PETCOCK DRAIN
VALVES ON ALL OTHER AIR TANKS

Trailer Connections

UPGRADED CHASSIS MULTIPLEXING UNIT
UPGRADED BULKHEAD MULTIPLEXING UNIT
NO HIGH CURRENT TRAILER/BODY CABLE

Wheelbase & Frame

5600MM (220 INCH) WHEELBASE
7/16X3-9/16X11-1/8 INCH STEEL FRAME
(11.1MMX282.6MM/0.437X11.13 INCH) 120KSI
1400MM (55 INCH) REAR FRAME OVERHANG
FRAME OVERHANG RANGE: 51 INCH TO 60
INCH
CALC'D BACK OF CAB TO REAR SUSP C/L (CA) :
107.2 in
CALCULATED EFFECTIVE BACK OF CAB TO
REAR SUSPENSION C/L (CA) : 102.7 in
CALC'D FRAME LENGTH - OVERALL : 304.39
CALC'D SPACE AVAILABLE FOR DECKPLATE :
107.2 in

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Description

CALCULATED FRAME SPACE LH SIDE : 134.55
in
CALCULATED FRAME SPACE RH SIDE : 152.97
in
SQUARE END OF FRAME
FRONT CLOSING CROSSMEMBER
LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE
CROSSMEMBER
STANDARD MIDSHIP #1 CROSSMEMBER(S)
STANDARD REARMOST CROSSMEMBER
STANDARD SUSPENSION CROSSMEMBER

Chassis Equipment

THREE-PIECE 14 INCH CHROME STEEL
BUMPER WITH COLLAPSIBLE ENDS, SPACED 3
INCHES FORWARD
FRONT TOW HOOKS - FRAME MOUNTED
FENDER AND FRONT OF HOOD MOUNTED
FRONT MUDFLAPS
GRADE 8 THREADED HEX HEADED FRAME
FASTENERS

Fuel Tanks

50 GALLON/189 LITER SHORT RECTANGULAR
ALUMINUM FUEL TANK - LH
RECTANGULAR FUEL TANK(S)
POLISHING OF FUEL/HYDRAULIC TANK(S) WITH
PAINTED BANDS
FUEL TANK(S) FORWARD
PLAIN STEP FINISH
FUEL TANK CAP(S)
ALLIANCE FUEL FILTER/WATER SEPARATOR
EQUIFLO INBOARD FUEL SYSTEM
HIGH TEMPERATURE REINFORCED NYLON
FUEL LINE

Tires

MICHELIN XDN2 12R22.5 16 PLY RADIAL FRONT
TIRES
MICHELIN XDN2 12R22.5 16 PLY RADIAL REAR
TIRES

Hubs

MERITOR IRON FRONT HUBS
CONMET PRESET PLUS IRON REAR HUBS

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Description
Wheels
ACCURIDE 29039 22.5X9.00 10-HUB PILOT 5.25 INSET 5-HAND STEEL DISC FRONT WHEELS ACCURIDE 29300 22.5X9.00 10-HUB PILOT 5- HAND STEEL DISC REAR WHEELS FRONT WHEEL MOUNTING NUTS REAR WHEEL MOUNTING NUTS
Cab Exterior
154 INCH BBC HIGH-ROOF ALUMINUM CONVENTIONAL CREW CAB AIR CAB MOUNTS CAB ROOF REINFORCEMENTS FOR ROOF MOUNTED COMPONENTS NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT HOOD MOUNTED CHROMED PLASTIC GRILLE CHROME HOOD MOUNTED AIR INTAKE GRILLE FIBERGLASS HOOD TUNNEL/FIREWALL LINER DUAL 25 INCH ROUND STUTTER TONE HOOD MOUNTED AIR HORNS DUAL ELECTRIC HORNS DUAL HORN SHIELDS DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME REAR LICENSE PLATE MOUNT END OF FRAME INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL LED AERODYNAMIC MARKER LIGHTS HEADLIGHTS ON WITH WIPERS, WITH DAYTIME RUNNING LIGHTS OMIT STOP/TAIL/BACKUP LIGHTS AND PROVIDE WIRING WITH SEPARATE STOP/TAIL WIRES TO 7 FEET BEYOND END OF FRAME STANDARD FRONT TURN SIGNAL LAMPS DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE DOOR MOUNTED MIRRORS 102 INCH EQUIPMENT WIDTH

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Description

LH AND RH 8 INCH BRIGHT FINISH CONVEX
MIRRORS MOUNTED UNDER PRIMARY
MIRRORS
RH DOWN VIEW MIRROR
STANDARD SIDE/REAR REFLECTORS
ELECTRIC HORN WARNING SYSTEM FOR PARK
BRAKE NOT SET WITH DOOR OPEN AND ALL
IGNITION KEY POSITIONS
63X14 INCH TINTED REAR WINDOW
TINTED DOOR GLASS LH AND RH WITH TINTED
NON-OPERATING WING WINDOWS
RH AND LH ELECTRIC POWERED WINDOWS,
PASSENGER SWITCHES ON DOOR(S)
TINTED WINDSHIELD
2 GALLON WINDSHIELD WASHER RESERVOIR
WITHOUT FLUID LEVEL INDICATOR, FRAME
MOUNTED

Cab Interior

OPAL GRAY VINYL INTERIOR
MOLDED PLASTIC DOOR PANEL WITHOUT
VINYL INSERT WITH ALUMINUM KICKPLATE
LOWER DOOR
MOLDED PLASTIC DOOR PANEL WITHOUT
VINYL INSERT WITH ALUMINUM KICKPLATE
LOWER DOOR
BLACK MATS WITH SINGLE INSULATION
IN DASH STORAGE BIN
(2) CUP HOLDERS LH AND RH DASH
GRAY/CHARCOAL FLAT DASH
SMART SWITCH EXPANSION MODULE
HEATER, DEFROSTER AND AIR CONDITIONER
STANDARD HVAC DUCTING
MAIN HVAC CONTROLS WITH RECIRCULATION
SWITCH
STANDARD HEATER PLUMBING
DENSO HEAVY DUTY AIR CONDITIONER
COMPRESSOR
BINARY CONTROL, R-134A
STANDARD INSULATION
SOLID-STATE CIRCUIT PROTECTION AND
FUSES
12V NEGATIVE GROUND ELECTRICAL SYSTEM

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Description

DOOR ACTIVATED DOME/RED MAP LIGHTS,
FORWARD LH AND RH AND REAR LH, RH AND
CENTER
LH AND RH ELECTRIC DOOR LOCKS
SEATS INC 911 UNIVERSAL SERIES HIGH BACK
AIR SUSPENSION DRIVER SEAT WITH NFPA
1901-2009 COMPLIANT SEAT SENSOR
SEATS INC 911 UNIVERSAL SERIES SCBA NON
SUSPENSION PASSENGER SEAT WITH
UNDERSEAT STORAGE AND NFPA 1901-2009
COMPLIANT SEAT SENSOR
SEATS INC 911 UNIVERSAL SERIES SCBA NON
SUSPENSION LH, RH AND CENTER REAR
PASSENGER SEATS WITH UNDER SEAT
STORAGE AND NFPA 1901-2009 COMPLIANT
SEAT SENSOR
LH AND RH INTEGRAL DOOR PANEL ARMRESTS
GRAY VINYL DRIVER SEAT COVER WITH GRAY
CORDURA CLOTH BOLSTER AND HEADREST
GRAY VINYL FRONT PASSENGER SEAT COVER
WITH GRAY CORDURA CLOTH BOLSTER AND
HEADREST
BLACK CORDURA PLUS CLOTH REAR
PASSENGER SEAT COVER
3 POINT HIGH VISIBILITY ORANGE RETRACTOR
DRIVER, RH FRONT AND LH, CENTER AND RH
REAR PASSENGER SEAT BELTS WITH NFPA
1901-2009 COMPLIANT SENSOR AND DASH
HARNESS
ADJUSTABLE TILT AND TELESCOPING
STEERING COLUMN
4-SPOKE 18 INCH (450MM) STEERING WHEEL
DRIVER AND PASSENGER INTERIOR SUN
VISORS

Instruments & Controls

GRAY DRIVER INSTRUMENT PANEL
GRAY CENTER INSTRUMENT PANEL
ENGINE REMOTE INTERFACE WITH PARK
BRAKE AND NEUTRAL INTERLOCKS
BLACK GAUGE BEZELS
LOW AIR PRESSURE INDICATOR LIGHT AND
AUDIBLE ALARM
2 INCH PRIMARY AND SECONDARY AIR
PRESSURE GAUGES
INTAKE MOUNTED AIR RESTRICTION
INDICATOR WITH GRADUATIONS
97 DB BACKUP ALARM

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Description

ELECTRONIC CRUISE CONTROL WITH
SWITCHES IN LH SWITCH PANEL
IGNITION SWITCH WITH NON REMOVABLE KEY
ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28
LED WARNING LAMPS AND DATA LINKED
HEAVY DUTY ONBOARD DIAGNOSTICS
INTERFACE CONNECTOR LOCATED BELOW LH
DASH
2 INCH ELECTRIC FUEL GAUGE
ENGINE REMOTE INTERFACE FOR REMOTE
THROTTLE
ENGINE REMOTE INTERFACE CONNECTOR IN
ENGINE COMPARTMENT
ELECTRICAL ENGINE COOLANT TEMPERATURE
GAUGE
2 INCH TRANSMISSION OIL TEMPERATURE
GAUGE
ENGINE AND TRIP HOUR METERS INTEGRAL
WITHIN DRIVER DISPLAY
ENHANCED STABILITY CONTROL
NO LANE DEPARTURE WARNING SYSTEM
ELECTRIC ENGINE OIL PRESSURE GAUGE
OVERHEAD INSTRUMENT PANEL
SMARTPLEX HUB MODULE WITH OVERHEAD
SWITCH MOUNTING, DRIVER SIDE AND CENTER
CONSOLE (18 SWITCH SLOTS, NO CB)
ELECTRONIC MPH SPEEDOMETER WITH
SECONDARY KPH SCALE, WITHOUT
ODOMETER
STANDARD VEHICLE SPEED SENSOR
ELECTRONIC 3000 RPM TACHOMETER
IGNITION SWITCH CONTROLLED ENGINE STOP
10 ON/OFF LATCHING SMARTPLEX SWITCHES
2-RED, 0-AMBER, 0-GREEN SMARTPLEX
INDICATOR LAMPS
CAB AUXILIARY POWER CABLE
(2) OVERHEAD MOUNTED LANYARD
CONTROLS: (1) OFFICER AIR HORN AND (1)
DRIVER AIR HORN
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH
DRIVER DISPLAY
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR
WITH DELAY

Prepared by:
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Description

MARKER LIGHT/HEADLIGHT SWITCH WITH
SEPARATE INTERRUPTER FOR CLEARANCE
LIGHTS

ONE VALVE PARKING BRAKE SYSTEM WITH
DASH VALVE CONTROL AUTONEUTRAL AND
WARNING INDICATOR

SELF CANCELING TURN SIGNAL SWITCH WITH
DIMMER, WASHER/WIPER AND HAZARD IN
HANDLE

INTEGRAL ELECTRONIC TURN SIGNAL
FLASHER WITH HAZARD LAMPS OVERRIDING
STOP LAMPS

NO MISCELLANEOUS GAUGES

Design

PAINT: ONE SOLID COLOR

Color

CAB COLOR A: L0001EB BLACK ELITE BC
BLACK, HIGH SOLIDS POLYURETHANE CHASSIS
PAINT

NO FUEL TANK CABINET PAINT

FRONT WHEEL PAINT: N4663EA RED PIERCE
#70 LOW GLOSS ELITE SS

REAR WHEEL PAINT: N4663EA RED PIERCE #70
LOW GLOSS ELITE SS

STANDARD E COAT/UNDERCOATING

Certification / Compliance

U.S. FMVSS CERTIFICATION, EXCEPT SALES
CABS AND GLIDER KITS

Secondary Factory Options

CORPORATE PDI CENTER IN-SERVICE ONLY

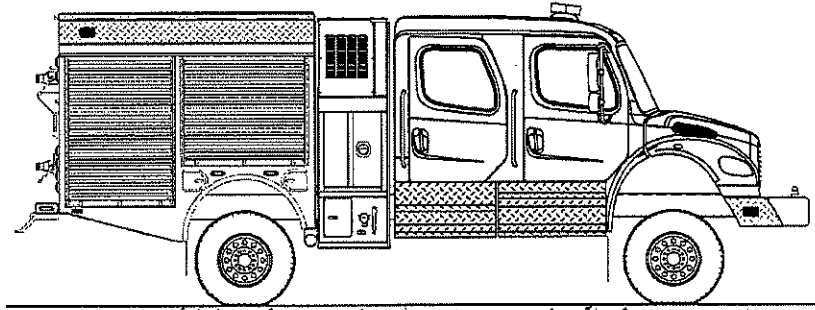
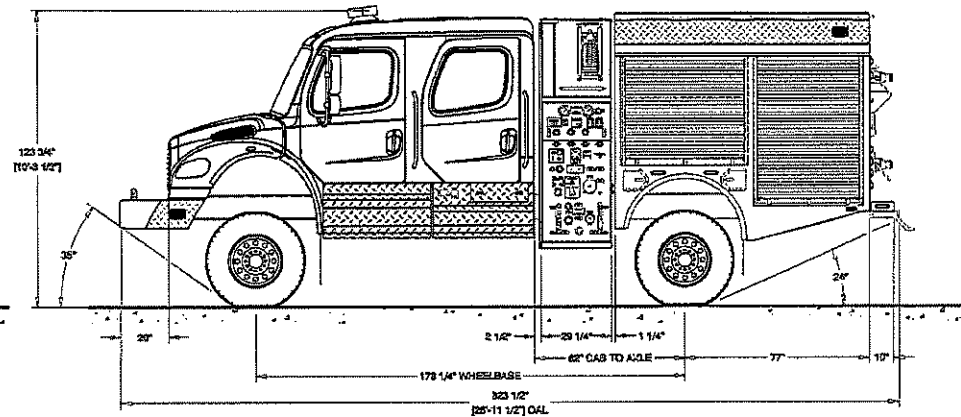
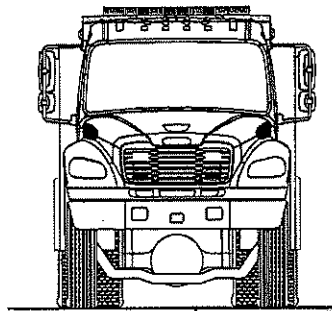
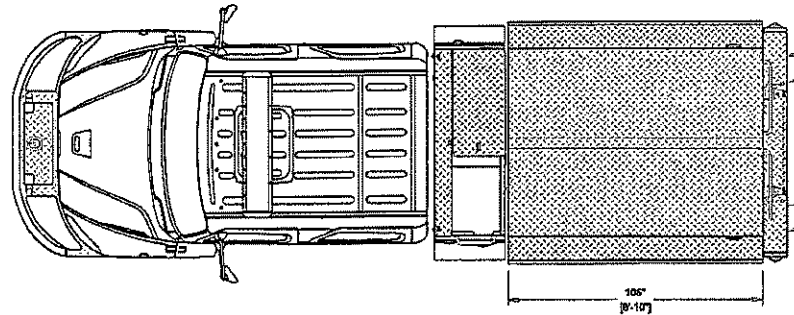
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Q U O T A T I O N

M2 108 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK	MX-16-120 16,000# 1790MM KPI SINGLE FRONT DRIVE AXLE
CUM ISL 350 HP @ 2000 RPM, 2200 GOV RPM, 1000 LB/FT @ 1400 RPM	16,000# TAPERLEAF FRONT SUSPENSION
ALLISON 3000 EVS AUTOMATIC TRANSMISSION WITH PTO PROVISION	154 INCH BBC HIGH-ROOF ALUMINUM CONVENTIONAL CREW CAB
S26-190 27,000# R-SERIES 72-74 INCH TRACK FIRE/EMERGENCY SERVICE SINGLE REAR AXLE	5600MM (220 INCH) WHEELBASE
27,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD FOR FIRE/EMERGENCY SERVICE	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI
	1400MM (55 INCH) REAR FRAME OVERHANG

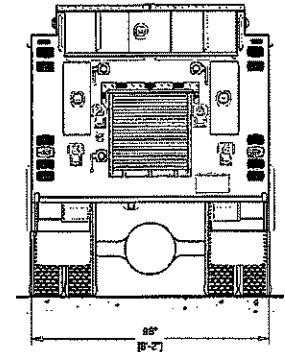
PRELIMINARY DRAWING - FOR LAYOUT PURPOSES ONLY



REVISIONS			
REV	DESCRIPTION	DATE	BY

NOTE 1: Do not scale drawing. This drawing is for general truck configuration only. All sizes and dimensions shown are approximate and may vary with final production. The drawing may not provide illustration for all items in the specification. In all instances where the drawing may contradict the specification, the specification shall prevail. This drawing and all data herein are provided as informational materials and shall not be reproduced without written consent of the manufacturer.

NOTE 2: Overall height may change due to base characteristics, loading and the dimensions shown will affect the overall height dimension shown. Any overall height restrictions should have been considered and allow approximately 2-3 inches of clearance.





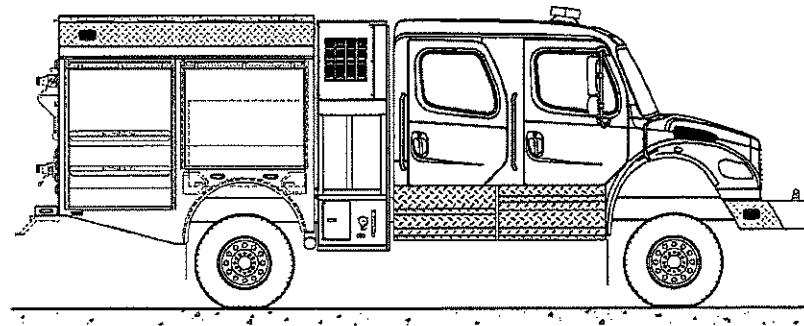
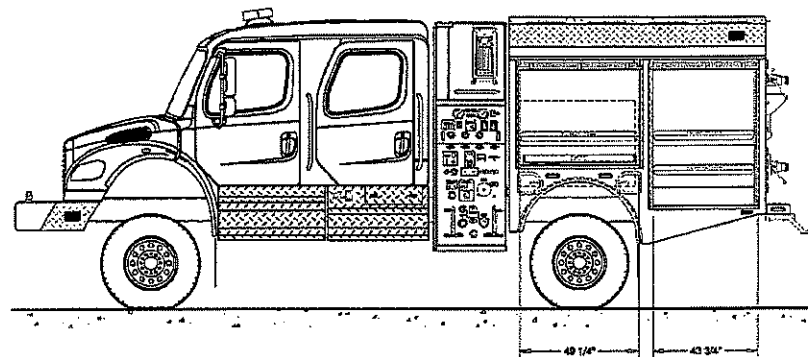
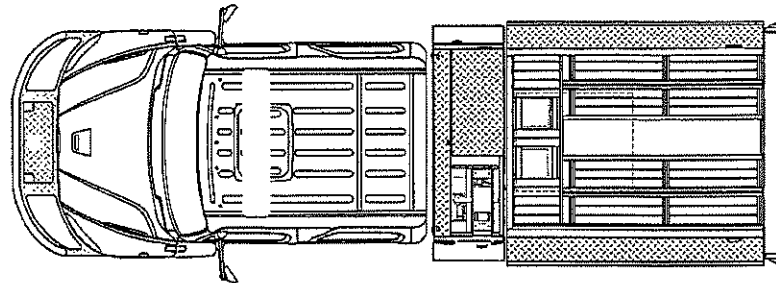
SVI FIRE & RESCUE TRUCKS
342 KEDRON BLVD. FORT COLLINS, CO 80501 PHONE 970-227-7100 FAX 970-227-7100

HARVICH
FIRE DEPARTMENT

BODY SET & BODY BODY MATERIAL: 3/16" ALUMINUM CHASSIS TYPE: FREIGHTLINER 342 T08 FOUR DOOR	UNIT TYPE: TYPE 3 TRUCK NO: SVI 8000 WHEELBASE CAB TO AXLE OVERALL LENGTH (OAL) OVERALL WIDTH (OAW) OVERALL HEIGHT (OAH)
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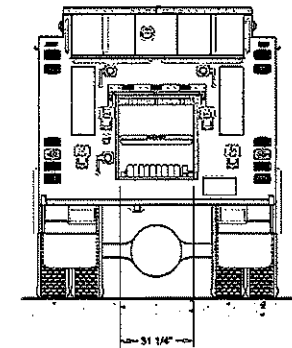
DRAWN BY: HJR DATE: October 14, 2016 SCALE: 3/4" = 1'-0"
 DRAWING NO: Harvich_MA_07.dwg SHEET 1 OF 2

PRELIMINARY DRAWING - FOR LAYOUT PURPOSES ONLY



REVISIONS		
REV	DESCRIPTION	DATE

NOTE: This is a preliminary drawing. This drawing is for general truck configuration only. All items and dimensions shown are approximate and may vary with final production. The drawing may not provide illustration for all items to the specifications. In all situations where the drawing may not make the specifications, the specifications shall prevail. This drawing and all data herein are provided as a guide only and shall not be relied upon without written consent of the manufacturer.





SVI FIRE & RESCUE TRUCKS
3512 RETNAKE DRIVE, FORT COLLINS, CO 80524 PHONE: 970-287-7100, FAX: 970-287-7105
HARWICH
FIRE DEPARTMENT

DRAWN: 9/15/18	DATE: 09/14/18	SCALE: 3/4" = 1'-0"
DESIGNED BY: HARWICH, J.A., R. POLYNT		SHEET 2 OF 2



Proposal Option List

11/29/2017

Customer :
 Representative : Chapman, Mike
 Organization : Firematic Supply Co, Inc
 Requirements Manager :
 Description : Long Body Midship Pumper
 Body : Pumper, Long, Aluminum, 2nd Gen, Saber/Commercial
 Chassis : Freightliner M2-106, 4x4 Single Rear Axle

Bid Number : 261
 DB Version: 36(Price Level)
 Bid Date :
 Job Number :

Line	Option Code	Type	Option Description	Qty
1	0681240		Build-to-Order, Pierce Florida Product, But Built in APPLETON	1
2	0609870		Not Required, Overflow	1
3	0640904		Boiler Plates, Pumper, w/Commercial Chassis	1
			Bidder/Sales Organization - Firematic Truck Sales	
			Dealership/Sales Organization, Service - Firematic Truck Sales	
			Delivery - Delivery representative	
			Fire Department/Customer -	
			Miles - 50 Miles	
			Number of Fire Dept/Municipalities - 25	
			Operating/In conjunction W-Service Center - Operating	
4	0018257		Commercial chassis & Snorkel products	1
5	0614794	SP	Mfg Loc: Appleton, (FL Prod), Mgmt Approved , Commercial Pumper Bid 261	1
6	0584452		RFP Location: Appleton, Wisconsin	1
7	0588609		Vehicle Destination, US	1
8	0610783		Comply NFPA 1901 Changes Effect Jan 1, 2016, With Exceptions, Commercial Chassis	1
9	0533347		Pumper/Pumper with Aerial Device Fire Apparatus	1
10	0588611		Vehicle Certification, Pumper	1
11	0661778		Agency, Apparatus Certification, Pumper/Tanker, U.L.	1
12	0000000	STF	SERVICE FACILITY	1
			Cost -	
			Fill in Blank -	
			Location - Rocky Hill	
			Qty, - 1	
13	0007289		Delivery	1
			Fill in Blank - 220	
			Location -	
14	0000114		Inspection Trip(s)	1
			Fill in Blank - two (2)	
			Qty, - 1	
15	0092138		Highly Customized Product (HCP)	1
16	0537375		Unit of Measure, US Gallons	1
17	0000005		Bid Bond, 10%	1
18	0582697		Performance Bond, 100 Percent w/Warranty Bond, 1 Yr, and Payment Bond	1
			Percentage, Contract - 100%	
19	0000007		Approval Drawing	1
20	0686265		Freightliner M2-106, 4x4 Single Rear Axle	1
21	0600626		Base Price, Freightliner M2-106, 4x4, Pricing Level 2/2/2016	1
22	0021007		Maximum Overall Height	1
			Size - *	
23	0021010		Maximum Overall Length	1
			Size - *	
24	0624717		Wheelbase, 227" to 246", Single Axle (12K/23K-26K GAWR), Freightliner	1
			Wheelbase - 244"	
25	0584367		GVW Rating, Commercial Chassis	1
			GVW rating - 50,000#	
26	0579898		Frame, Chassis, Freightliner, 120 KSI	1
27	0582814		Frame Reinforcement, 1/4" Inner Liner, FL M2-106/112/114SD	1
28	0686245		Axle, Front Driving, Meritor, 12K, Freightliner M2-106 4x4, w/MTC4210 XL	1
29	0073042		Suspension, Front Spring, 12,000 lb FLR	1
30	0073051		Shock Absorbers, Front	1
31	0585775		MichelinTires (Default Brand)	1
32	0682448		Tires, Michelin, 22.50, Traction Tread, 4x4	1

Line	Option Code	Type	Option Description	Qty
33	0683147		Wheel, Steel, 22.50", Commercial Chassis, 4x4	1
34	0686239		Axle, Rear, Meritor RS, 26K, Freightliner M2-106 4x4	1
35	0544651		Top Speed of Vehicle, 60 MPH, Commercial Chassis	1
36	0073045		Suspension, Rear Spring, 26,000 lb FLR	1
37	0682445		Tires, Michelin, 22.50, Traction Tread, 4x4	1
38	0683146		Wheel, Steel, 22.50", Commercial Chassis, 4x4	1
39	0620570		Tire Pressure Monitoring, RealWheels, AirSecure, Valve Cap, Single Axle Qty, Tire Pressure Ind - 6	1
40	0010901		Chains, Insta-Chain Automatic Tire, Commercial	1
41	0057936		Covers, Lug Nut, Chrome	1
42	0002045		Mud Flaps, w/logo front & rear	1
43	0544802		Chocks, Wheel, SAC-44-E, Folding Qty, Pair - 01	1
44	0544806		Mounting Brackets, Chocks, SAC-44-E, Folding, Horizontal Location, Wheel Chocks - Left Side Rear Tire, Forward Qty, Pair - 01	1
45	0686224		ABS, Wabco Anti-Lock Braking Sys w/Electronic Stability Pgm w/ATC, M2-106 4x4	1
46	0082993		Brakes, Cam Front, 16.50"x 5.00" Freightliner	1
47	0009547		Air Compressor, Brake, Wabco Cummins 18.7 CFM, ISL/ISC/ISB, Commercial	1
48	0621235		Air Dryer, Brake, AD-9SI w/Heater, FLR	1
49	0010574		Air Inlet, w/Disconnect Coupling, Commercial Chassis Location, Air Coupling(s) - a) DS Step Well	1
50	0650151		Engine, Cummins ISL, 350 hp, FL M2-106, 4x2/4x4	1
51	0001247		High Idle w/Electronic Engine, Commercial	1
52	0644413		Auxiliary Brake, Exhaust Brake, VGT Style, FL/IHC, Cummins	1
53	0070832		Air Intake, w/Ember Separator, Supplier Installed, FL	1
54	0651497		Exhaust System, Horizontal, RH Step Mounted DPF/SCR, 2013 Freightliner M2106/112	1
55	0582865		Exhaust Modifications, Freightliner M2-106/112/114SD, Horizontal, PS Exit	1
56	0061579		Coolant Hoses, Gates Blue Stripe, FL M2	1
57	0058311		Fuel Tank, 50 Gallon, Left Side, Aluminum, FL, M2-106/112/114SD	1
58	0599227		DEF Tank, 6.0 gallon, LH, Freightliner	1
59	0582911		Fuel Repriming Pump Included with Alliance Fuel / Water Separator, FLR M2-106	1
60	0552712		Not Required, Shutoff Valve, Fuel Line	1
61	0023745		Cooler, Chassis Fuel, Pierce Installed	1
62	0056987		Trans, Automatic, Allison 3000 EVS, w/(2) PTO Provsions, FLR	1
63	0670044		Transmission, Shifter, Push Button, 5 Speed, Freightliner	1
64	0011475		Transmission Oil Cooler, Internal, Commercial	1
65	0607032		Fluid, 3000 Series Transmission, TranSynd synthetic, FLR	1
66	0011370		Driveline, Commercial Chassis	1
67	0553667		DRIVELINE REVIEW REQUIRED for This Application	1
68	0582408		Steering, Tilt/Telescope Column, Freightliner	1
69	0059666		Winch, Warn, 9,000 lb. Portable Receiver Type	1
70	0003171		Bumper Extension, 10", Commercial Chassis	1
71	0002270		Tow Hooks, Chrome	1
72	0659326		Center Tray Not Required	1
73	0002268		Rods, Sight on Bumper, Bores, Model 848-211	1
74	0582756		Cab, 4-door, High-Roof, Freightliner, M2-106	1
75	0024341		Cab Interior, Freightliner, Gray	1
76	0694556		Grille, Chrome, w/Conv and Ext Appearance Pkg, 4-Dr Cab, FL, M2-106/112	1
77	0548159		Mirrors, FLR, West Coast, 8"Convex, Heated, Remote, Bright, PS Aux, M2-106/112/114	1
78	0027013		Not Required, Peeper Window	1
79	0629425		Step Package, Deluxe Alum 4-Way, M2, 4-Door, w/DEF Tank Cover	1
80	0073115		Compartment, Storage/Tool, Under Right Crew Cab	1
81	0509487		Lights, Cab Access Steps, P25, LED, 4Lts	1
82	0561616		Air Conditioning, Freightliner	1
83	0005940		Lights, Engine Comp, (2) Commercial Chassis	1
84	0543655		Console, Freightliner M2, 2/4 Door, Radio/Map Storage	1
85	0624106		Seating Capacity, Cab, 4-Door, Commercial Qty, - 05	5
86	0693656		Seats, Cab, Air Driver, w/911 Fixed Officer SCBA, Freightliner	1
87	0582136		Seats, 3-man 911w/SCBA, Freightliner	1
88	0602805		Seat Belt Web Length, Commercial Chassis, Non-NFPA 2016 Compliant	1

Line	Option Code	Type	Option Description	Qty
89	0581771		Seat Belts, Orange, Commercial Chassis	1
90	0602464		Helmet Storage, Provided by Fire Department, NFPA 2016	1
91	0602637		Portable Hand Light, Provided by Fire Dept, Pumper NFPA 2016 Classification	1
92	0584358		Cab Instrumentation, Commercial Chassis	1
93	0058045		Panel, Emergency Switch, Overhead, Freightliner M2-106/112/114SD	1
94	0005937		Light, Do Not Move Apparatus, Commercial Chassis Alarm, Do Not Move Truck - Steady Alarm	1
95	0005926		Light, Open Door - Commercial Std	1
96	0072620		Wiper control, intermittent feature Commercial	1
97	0637219		NO RADIO, AM/FM	1
98	0626864		Not Required, Vehicle Information Center, No Multiplex System	1
99	0611591		Vehicle Data Recorder w/Seat Belt Monitor, Commercial VDR Additional Input - No Additional Input VDR Primary Inputs - No Primary Input	1
100	0653533		Camera, Pierce, 7" LCD, Rear Camera Only Location, Camera Monitor - Centered, Custom Chassis Overhead	1
101	0622833		Traditional Direct Wired Electrical System, Commercial Chassis	1
102	0623130		Electrical System, Freightliner M2-106, Pumper	1
103	0685175		Single Start, (2) Grp 31, 1125 CCA each, LH, FLR M2	1
104	0582827		Batteries Relocated by Pierce, 4-Door Cab Location, Batteries - DS Crew Cab Step	1
105	0072685		Selector, Single Start Battery, Commercial Chassis	1
106	0531327		Charger, Sngl Sys, Kussmaul, 12 HO, 091-170-12	1
107	0012782		Location, Charger, Front Left Side Body Compartment Location, Battery Chgr/Cmpr - High On Left Wall	1
108	0536099		Location, Battery Charger Indicator, Driver's Step Area	1
109	0016820		Shoreline, 15A 120V Connection, Shoreline - battery conditioner Qty. - 01	1
110	0026800		Shoreline Location Location, Shoreline(s) - DS Cab Side	1
111	0009429		Electric Power Only, Portable Winch Location - left, right, and rear Qty, Receptacles - 03	3
112	0595797		Alternator, 275 amp, Delco Remy 40SI	1
113	0040194		Load Manager, Kussmaul 2 Channel	1
114	0072785		Cab Lighting, Commercial Chassis	1
115	0620054		Light, Directional/Marker, Intermediate, Weldon 9186-8580-29 LED 2lts	1
116	0627282		Lights, Clearance/Marker/ID, Rear, FRP LED Bar & P25 LED 4Lts	1
117	0564683		Lights, Tail, Wln M6BTT* Red LED Stop/Tail & M6T* Amber LED Dir Arw For Hsg Color, Lens - Colored	1
118	0561471		Lights, Backup, Wln M6BUW, LED, For Tail Lt Housing	1
119	0664481		Bracket, License Plate & Light, P25 LED	1
120	0556842		Bezels, Wln, (2) M6 Chrome Pierce, For mtg (4) Wln M6 lights	1
121	0589905		Alarm, Back-up Warning, PRECO 1040	1
122	0687604		Lights, Perimeter Cab, Truck-Lite 6060C LED 4Dr, Grommet Mt	1
123	0617866		Lights, Perimeter Pump House, Truck-Lite 6060C LED 2lts	1
124	0683575		Lights, Perimeter Body, Truck-Lite 6060C LED 2lts, Rear Step Control, Perimeter Lts - Parking Brake Applied	1
125	0556360		Lights, Step, P25 LED 4lts, Pump Pnl Sw	1
126	0689891		Lights, Deck, Wln (2) PFBP12C LED Rear Flood Lights Switch, Scene Lt Cntrl - lh) Light Head	1
127	0645676		Lights, Not Required, Hose Bed, Deck Lights At Rear	1
128	0645681		Lights, Not Required, Rear Work, Deck Lights At Rear	1
129	0709438		Light, Walking Surface, FRP Flood, LED	1
130	0693714		Pumper, Long, Aluminum, 2nd Gen, Saber/Commercial	1
131	0682210		No Value Discount Available	1
132	0028299		Tank, Water, 1000 Gallon, Poly, Long	1
133	0003405		Overflow, 4.00" Water Tank, Poly	1
134	0028104		Foam Cell Required	1
135	0633066		Sleeve through Tank Qty, Sleeve - 1	1

Line	Option Code	Type	Option Description	Qty
136	0553725		Water Tank Sleeve - Plumbing/Hydraulic Diameter - 3" Plumbing	
137	0003429		Restraint, Water Tank, Heavy Duty, Special Type Tank, 4x4, or Export	1
138	0003424		Not Required, Direct Tank Fill	1
139	0048710		Not Required, Dump Valve	1
140	0030007		Not Required, Jet Assist	1
141	0514778		Not Required, Dump Valve Chute	1
142	0689065		Not Required, Switch, Tank Dump Master	1
143	0003482		Hose Bed, Aluminum, Saber/Commercial	1
			Hose Bed Capacity, Additional	1
			Capacity, Hosebed - 1600 feet of 5" and 200 feet of 2.5"	
144	0083488		Divider, Hose Bed, .25" Unpainted	1
			Qty, Hosebed Dividers - 1	
145	0589278		Hose Restraint, Hose Bed, Velcro Strap on Top, 2" Heavy Nylon Web at Rear	1
			Nylon Web Color - Black	
			Type of fastener - seat belt buckle	
			Type of fastener, Rear - seat belt buckle - bottom of hosebed	
146	0010133		Cross-Divider, Hose Bed	1
147	0013512		Running Boards, 12.75" Deep	1
148	0689621		Tailboard, 16" Deep	1
149	0690037		Wall, Rear, Smooth Aluminum/Body Material	1
			Material, Rear Wall Inboard Facing Surfaces - Aluminum Diamondplate	
150	0683796		Tow Bars, (2) w/Hitch Receiver, Rear/Sides, Under Body, For Portable Winch Only	1
151	0003561		Construction, Compt, Alum, Pumper	1
152	0063662		LS 161" Rollup, Full Height Front & Rear, FDLER	1
153	0063669		RS 161" Rollup, Full Height Front & Rear, FDLER	1
154	0692733		Doors, Rollup, Gortite, Side Compartments	6
			Color, Roll-up Door, Gortite - Painted to Match Lower Body	
			Latch, Roll-up Door, Gortite - Non-Locking Liftbar	
			Qty, Door Accessory - 06	
155	0083702		Rear, Rollup, 51.25" FF	1
156	0692746		Door, Gortite, Rollup, Rear Compartment	1
			Color, Roll-up Door, Gortite - Satin finish	
			Latch, Roll-up Door, Gortite - Non-Locking Liftbar	
157	0555146		Pull Strap, Body Doors, Each	6
			Location, Door Accessory - as directed	
			Qty, Door Accessory - 06	
158	0625184		Guard, Drip Pan, S/S, Rollup Door, Pumper	7
			Location, Door Guard/Drip Pan - D3, D2, D1, R1, P3, P2 and P1	
			Qty, Door Accessory - 07	
159	0616670		Lights, Compt, Pierce LED, Dual Light Strips, Each Side of Door, Pumper/Tanker	7
			Location, Compartment Lights - All Body Compts	
			Qty, - 07	
160	0687135		Shelf Tracks, Unpainted	5
			Location, Shelf Track - D3, D2, D1, P1 and P3	
			Qty, Shelf Track - 05	
161	0600350		Shelves, Adj, 500 lb Capacity, Full Width/Depth, Predefined Locations	5
			Location, Shelves/Trays, Predefined - .Location To Be Determined	
			Material Finish, Shelf - Painted - Spatter Gray	
			Qty, Shelf - 05	
162	0647091		Tray, Floor Mounted, Slide-Out, 500lb, 2.00" Sides	1
			Location, Tray Slide-Out, Floor Mounted - D3	
			Material Finish, Tray - Painted - Spatter Gray	
			Qty, - 01	
163	0024016		Rub Rail, Aluminum Extruded, Side & Rear of Body	1
164	0510626		Fender Crowns, Rear, S/S, Wider Than Std.	1
165	0004069		Hose, Hard Suction, 6.00", 10.00", Clear Corrugated PVC	1
			Qty, Hard Suction Hose - 1	
166	0582427		Trough, H.S.H., Below Tank Tee (1), Stainless Steel Door	1
			Location, Hose Trough - a) driver side	
167	0626229		Handrails, Side Pump Panels, Per Print	1
168	0004126		Handrails, Beavertail, Standard	1
169	0004146		Handrail, Rear, Below Hose Bed, Full Width	1

Line	Option Code	Type	Option Description	Qty
170	0657651		Compt, Air Bottle, Double, Full Width Door, Fender Panel Door Finish, Fender Compt - Polished Insert, Air Bottle Compt - W-Shaped Insert Latch, Air Bottle Compt - Southco C2, Chrome, Non-Locking Location, Fender Compt - Double - DS Fwd, Double - DS Rear and Double - PS Fwd Qty, Air Bottle Comp - 3	3
171	0646108		Holder, Air Bottle, Zico Model UH-5-30-3-SFPHS, Mounted in Compt w/Tracks Location, Bracket/comp. - left overwheel compartment Qty, Bracket - 04	4
172	0004224		Ladder, 28' Duo-Safety 1200-A 2-Sect	1
173	0024232		Ladder, 16' Duo-Safety 875A Roof Qty, - 1	1
174	0015036		Rack, Ladders, Hydraulic, Right Side, Air Clamps Ladder Rack Lock Enclosure/Light Mounting Bracket - PS Rear S/S Enclosure	1
175	0014245		Ladder, 10' Duo-Safety Folding 585A, w/Mounting Location, Folding Ladder - Hydraulic Rack	1
176	0602877		Pike Pole, Pumper, Provided by Fire Department, NFPA 2016 Pike Pole Make/Model - Akron 10' Pike Pole	1
177	0602875		Pike Pole, 6', Pumper, Provided by Fire Department, NFPA 2016 Pike Pole Make/Model - Akron 6' Pike Pole	1
178	0024388		No Steps Required, Front Of Body	1
179	0592994		Steps, Folding, Rear of Body, w/LED, Trident Coating, Step - black	1
180	0553731		Step Package, Body, w/4x4 Chassis, Saber/Commercial Pump Panel Config - Side Control	1
181	0004415		Pump, Waterous, CS, 1250 GPM, Single Stage	1
182	0004481		Seal, Grafoil, Waterous	1
183	0559769		Trans, Pump, Waterous C20 Series	1
184	0835800		Pumping Mode, Stationary Only	1
185	0605126		Pump Shift, Air w/Manual Override, Split Shaft, Interlocked, Waterous	1
186	0003148		Transmission Lock-up, EVS	1
187	0004547		Auxiliary Cooling System	1
188	0014486		Not Required, Transfer Valve, Stage Pump	1
189	0004517		Valve, Relief Intake, Elkhart, Set @ 125 PSI	1
190	0692045		Controller, Pressure, FRC, Pump Boss, PBA400	1
191	0641725		Primer, Waterous, VPO Motor, (2) VAP Valves, (2) Push Button Controls Inlet Extra Primer - Rear Inlet	1
192	0058516		Manuals, Pump (2), CD	1
193	0602512		Plumbing, Stainless Steel and Hose, Single Stage Pump, Control Zone	1
194	0089437		Plumbing Without Foam System	1
195	0004645		Inlets, 6.00" - 1250 GPM or Larger Pump	1
196	0004646		Cap, Main Pump Inlet, Long Handle, NST, VLH	1
197	0550696		Valve, Waterous Monarch w/Relief, DS Side Inlet, 6", Waterous Handwheel Control	1
198	0550697		Valve, Waterous Monarch w/Relief, PS Side Inlet, 6", Waterous Handwheel Control,	1
199	0084610		Valves, Akron 8000 series- All	1
200	0004660		Inlet, Left Side, 2.50"	1
201	0029147		Not Required, Inlet, Right Side	1
202	0016158		Valve, Inlet(s) Recessed, Side Cntrl, "Control Zone" Qty, Inlets - 1	1
203	0004700		Control, Inlet, at Valve	1
204	0682286		Inlet, Rear, 4"-6" w/5" Plmb, Below Tee, PS, Extended to rear, w/Bleeder Valve Inlet, Size - Six	1
205	0004799		Cap, Rear Inlet, Long Handle, VLH	1
206	0024831		Control, Rear Inlet, Electric, w/Indicator Lights	1
207	0009662		Intake Relief Valve, Rear Inlet	1
208	0092568		No Rear Auxiliary Inlet Requested	1
209	0563738		Valve, .75" Bleeder, Aux. Side Inlet, Swing Handle	1
210	0029043		Tank to Pump, (1) 3.00" Valve, 3.00" Plumbing	1
211	0004905		Outlet, Tank Fill, 1.50"	1
212	0004940		Outlet, Left Side, 2.50" Qty, Discharges - 02	2
213	0092570		Not Required, Outlets, Left Side Additional	1

Line	Option Code	Type	Option Description	Qty
214	0004945		Outlet, Right Side, 2.50"	1
			Qty, Discharges - 01	
215	0092571		Not Required, Outlets, Right Side Additional	1
216	0008731		Outlet, 5.00" w/4.00" Right, Handwheel	1
			Valve, Brand - Akron	
217	0092572		Not Required, Outlet, Front	1
218	0004995		Outlet, Rear, 2.50"	1
			Location, Outlet - b) driver's side	
			Qty, Discharges - 01	
219	0092574		Not Required, Outlet, Rear, Additional	1
220	0092573		Not Required, Outlet, Hose Bed/Running Board Tray	1
221	0085076		Caps for 1.50" to 3.00" Discharge, VLH	1
222	0563739		Valve, 0.75" Bleeder, Discharges, Swing Handle	1
223	0005091		Elbow, Left Side Outlets, 45 Degree, 2.50" FNST x 2.50" MNST, VLH	1
224	0035094		Not Required, Elbow, Left Side Outlets, Additional	1
225	0025091		Elbow, Right Side Outlets, 45 Degree, 2.50" FNST x 2.50" MNST, VLH	1
226	0089584		Not Required, Elbow, Right Side Outlets, Additional	1
227	0045091		Elbow, Rear Outlets, 45 Degree, 2.50" FNST x 2.50" MNST, VLH	1
228	0085695		Not Required, Elbow, Rear Outlets, Large, Additional	1
229	0005099		Elbow, Large Dia Outlet, 30 Deg, 5.00" FNST x 5.00" Storz	1
230	0062133		Control, Outlets, Manual, Pierce HW if applicable	1
231	0075983		Outlet, 3.00" Deluge w/Elkhart Electric Extender 18", Handwheel	1
232	0624343		Monitor, Elkhart Cobra EXM 7200, Electric, Joystick Control	1
			Location - as directed	
			Monitor Finish - Painted	
233	0058724		Nozzle, Elkhart SM-1250E, 1,250 GPM - Electric	1
234	0792024		Deluge Mount, 3.00" NPT, When An Elkhart Extender Is Used	1
235	0029167		Crosslays Sngl Sheet Unpainted, (2+) 1.50", Std. Cap	2
			Qty, Crosslays - 2	
236	0029196		Not Required, 2.50" Crosslay	1
237	0029260		Not Required, Speedlays	1
238	0591145		Hose Restraint, Crosslay/Deadlay, Top and Ends, Elastic Netting	2
			Qty, - 02	
239	0019853		Crosslays, 8.00" Lower Than Standard - Control Zone with 9.00" Raised PH	1
240	0032137		Foam Sys, External	1
241	0012126		Not Required, CAF Compressor	1
242	0552517		Not Required, Refill, Foam Tank	1
243	0065412		Foam Outlet, 1", w/Quick Disc, Side Pnl, 3/8" Flush	1
			Location - pump panel	
			Qty, Foam Outlets - 01	
244	0031896		Demonstration, Foam System, Dealer Provided	1
245	0014135		Foam Cell, 40 Gallon, Reduce Water	1
			Foam, Brand Name - Ansul	
			Type of Foam - Class "B"	
246	0091036		Drain, 1.00" Foam Tank #1	1
247	0091079		Not Required, Foam Tank #2	1
248	0091112		Not Required, Foam Tank #2 Drain	1
249	0007590		Pump House, Side Control, 52", Control Zone	1
250	0032479		Pump Panel Configuration, Control Zone	1
251	0629252		Material, Pump Panels, Side Control Black Vinyl	1
			Material Finish, Pump Panel, Side Control - Black Vinyl	
			Material, Pump Panel, Side Control - Aluminum	
252	0005578		Panel, Pump Access - Pass Side Only	1
253	0035501		Pump House Structure, Std Height	1
254	0583824		Light, Pump Compt, Wln 3SC0CDCR LED White	1
			Qty, - 01	
255	0586382		Gauges, Engine, Included With Pressure Controller	1
256	0005601		Throttle Included w/ Pressure Controller	1
257	0549333		Indicators, Engine, Included with Pressure Controller	1
258	0511078		Gauges, 4.00" Master, Class 1, 30"-0-600psi	1
259	0511100		Gauge, 2.00" Pressure, Class 1, 30"-0-400psi	1
260	0062665		Gauge, Water Level, Class 1, Master W/ Large Slave	1

Line	Option Code	Type	Option Description	Qty
			Location, Water Level Gau - d) Rear	
261	0062992		Gauge, Foam Level, (1) Tank, Class 1, 5lt	1
262	0593181		Light Shield, S/S LED	1
263	0682488		Light Shield, S/S, PS LED	1
264	0006079		Air Horns, (2) Grover, On Sides Of Engine Hood	1
265	0791273		Location, Air Horn(s), Side of Engine Hood	1
266	0014330		Control, Air Horn, Lanyard Centered, Commercial Chassis	1
267	0525667		Siren, Wln 295LSLA1, 100 or 200 Watt	1
268	0065403		Location, Elec Siren, Overhead, Freightliner M2 -106/112/114SD	1
269	0076156		Control, Elec Siren, Head Only	1
270	0601306		Speaker, (1) Wln, SA315P, w/Pierce Polished Stainless Steel Grille, 100 watt	1
			Connection, Speaker - siren head	
271	0601565		Location, Speaker, Frt Bumper, Recessed, Center (Pos 4)	1
272	0657536		Programming, Wln Electronic Siren, Warble & Whoop Tones	1
273	0606770		Lightbar, Wln, Freedom IV-Q, 81", RRWRRR_____RRRWRR	1
			Filter, Whl Freedom Ltbrs - No Filters	
274	0524929		Lights, Front Zone, Wln LIN3 Super LED, Comm	1
275	0075702		Lights, Side Zone Lower, Wln 50*03Z*R LED, 2pr	1
			Color,Whln Sup500 LED,BCK - b) rd/cl	
			Color,Whln Sup500 LED,FRT - b) rd/cl	
			Location, Lights Front Side - h)each side front fender	
			Location, Lights Rear - one each side in rear fender skirting	
276	0076758		Lights, Rear Zone Lower, Whelen 60*02F*R LED, pair	1
			Color,Whln Sup600 LED - b) rd/cl	
			Flange Kit - w)with flange	
277	0088745		Light, Rear Zone Upper, Wln L31HRFN LED Beacon, Red LED	1
			Color, Dome, Rear Warning - J) both domes clear	
278	0006551		Not Required, Lights, Rear Upper Zone Blocking	1
279	0016610		Mtg, Rear Warn-Lts, Std Mount, S/S Brkts	1
280	0006646		Electrical System, 120/240VAC, General Design	1
281	0094523		Generator, Harrison 10kW Hydraulic, Hotshift PTO, PMFD	1
			Generator Interlocks - Parking Brake	
282	0053491		Location, Hydraulic Generator, PMFD Pumper, Tanker	1
			Locations, PMFD - Cargo Area PS	
283	0016752		Starting Sw, Truck Engine Powered Gen, Cab Sw Pnl	1
284	0016757		Not Required, Remote Start, Generator	1
285	0016740		Not Required, Fuel System	1
286	0016767		Not Required, Oil Drain Extension, Generator	1
287	0016771		Not Required, Routing Exhaust, Generator	1
288	0036738		Circuit Breaker Panel, Included With PTO Generator	1
			Location, Circuit Breaker Panel - D3, Forward Wall High	
289	0645272		Light Twr, W-B Chf NS2.3-600 WHL, 4-PFP2 120AC Lts Old 7.5'	1
			Color, Tower, Wlb - White Paint	
290	0664468		Location, Light Tower, Front Hose Bed	1
291	0617750		Controller, Light Tower, W-B, Wired Handheld, E-STOP Chf, Chf Pr, Pow Pr	1
292	0664791		Location, Light Tower Controller, Driver's Side Front Body Compartment	1
293	0006825		Reel, Elect Cable, Hannay, 1600, (3) Wire	2
			Finish, Reel - Painted Job Color	
			Location, Electric Cord Reel - Above Pump, Left Side, 1 Reel and Above Pump, Right Side, 1 Reel	
			Qty, Cord Reels - 2	
			Reel Guide - a) Nylatron guide	
294	0006828		Cord, Electric, 10/3 Yellow, 3 Wire	2
			Connection, Cord - Hubbell 20A 120V Twst Lock	
			Feet of Yellow Cord - e)200	
			Lengths of Elect Cord - 2	
295	0519934		Not Required, Brand, Hydraulic Tool System	1
296	0649753		Not Required, PTO Driven Hydraulic Tool System	1
297	0007150		Bag of Nuts and Bolts	1
			Qty, Bag Nuts and Bolts - 1	
298	0602516		NFPA Required Loose Equipment, Pumper, NFPA 2016, Provided by Fire Department	1
299	0602407		Soft Suction Hose, Provided by Fire Department, Pumper NFPA 2016 Classification	1

Line	Option Code	Type	Option Description	Qty
300	0602390		Strainer, Provided by Fire Department, Pumper NFPA 2016 Classification	1
301	0602538		Extinguisher, Dry Chemical, Pumper NFPA 2016 Class, Provided by Fire Department	1
302	0602360		Extinguisher, 2.5 Gal. Pressurized Water, Pumper NFPA 2016, Provided by Fire Dept	1
303	0602679		Axe, Flathead, Pumper NFPA 2016 Classification, Provided by Fire Department	1
304	0602667		Axe, Pickhead, Pumper NFPA 2016 Classification, Provided by Fire Department	1
305	0607712		Paint Process / Environmental Requirements	1
306	0583864		Paint by Pierce, Any Color, Commercial Chassis, 4-Door, PMFD	1
			Paint, Color - *	
307	0586532		Chassis Paint, Order BLACK for Repaint by Pierce	1
308	0583915		No Two-Tone Paint Req'd	1
309	0582663		Paint, Chassis Frame Assy, Black, by Commerical Chassis Mfg	1
310	0651184		Paint, Wheels, By Pierce, Commercial 4x2/4x4	1
311	0651181		Wheels, Silver Accent Stripe on Outer Edge, Single Axle	1
312	0007230		Compartment, Painted, Spatter Gray	1
313	0544129		Reflective Band, 1"-6"-1"	1
			Color, Reflect Band - A - a) white	
			Color, Reflect Band - B - l) white	
			Color, Reflect Band - C - w) white	
314	0007357		Reflective on Front Bumper	1
315	0536954		Stripe, Chevron, Rear, Diamond Grade, Pumper	1
			Color, Rear Chevron DG - yellow	
316	0065785		Stripe, Reflective, Cab Drs Interior, Commercial Cabs, 4dr	1
			Color, Reflective - g) yellow	
317	0027372		Lettering Specifications, (GOLD STAR Process)	1
318	0686428		Lettering, Gold Leaf, 3.00", (41-60)	1
			Outline, Lettering - Outline and Shade	
319	0509860		Manual on CD, Body Parts Only, Commercial Product	1
320	0509886		Manual on CD, Service, Comm	1
321	0002902		Manual, Commercial Chassis Operation	1
322	0589819		Electrical Diagrams, Commercial	1
323	0080008		Warranty, Basic, 1 Year, Apparatus, Commercial Chassis, WA0008	1
324	0681678		Warranty, Basic Vehicle, 3 yrs or 100,000 Miles, FL M2-106/112/114SD	1
325	0595813		Warranty, Paint, 10 Year, Cab, Pro-Rate, WA0055	1
326	0695416		Warranty, Pierce Camera System, WA0188	1
327	0647720		Warranty, Pierce LED Strip Lights, WA0203	1
328	0021516		Warranty, 5-Year EVS Transmission, Standard Comm, WA0187	1
329	0688798		Warranty, Water Tank, Lifetime, UPF, Poly Tank, WA0195	1
330	0596025		Warranty, Structure, 10 Year, Body, WA0009	1
331	0693127		Warranty, Gortite, Roll-up Door, 6 Year, WA0190	1
332	0063510		Warranty, Pump, Waterous, 5 Year Parts, WA0225	1
333	0648675		Warranty, 10 Year S/S Pumping, WA0035	1
334	0641372		Warranty, Foam System, Not Available	1
335	0609981		Warranty, Harrison Generator, 6 Year, WA0285	1
336	0595819		Warranty, Paint, 10 Year, Body, WA0056	1
337	0595421		Warranty, Goldstar, 3 Year, Apparatus, WA0018	1
338	0683627		Certification, Vehicle Stability, CD0156	1
339	0544897		Certification, Cab Integrity, Freightliner, CD0022	1
340	0545073		Amp Draw Report, NFPA Current Edition	1
341	0002758		Amp Draw, NFPA/ULC Radio Allowance	1
342	0000017		FLORIDA DIVISION BODY	1
343	0000015		FLORIDA DIVISION COMMERCIAL CHASSIS	1
344	0004713		ENGINE, OTHER	1
345	0046395		EVS 3000 Series TRANSMISSION	1
346	0020011		WATEROUS PUMP	1
347	0020009		POLY TANK	1
348	0028047		NO FOAM SYSTEM	1
349	0020006		SIDE CONTROL	1
350	0020007		AKRON VALVES	1
351	0020909		ABS SYSTEMS, Commercial	1
352	0658751		Manufacturing Attribute	1

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300	0602390		Strainer, Provided by Fire Department, Pumper NFPA 2016 Classification	1
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330	0596025		Warranty, Structure, 10 Year, Body, WA0009	1
331	0693127		Warranty, Gortite, Roll-up Door, 6 Year, WA0190	1
332	0063510		Warranty, Pump, Waterous, 5 Year Parts, WA0225	1
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335	0609981		Warranty, Harrison Generator, 6 Year, WA0285	1
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338	0683627		Certification, Vehicle Stability, CD0156	1
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340	0545073		Amp Draw Report, NFPA Current Edition	1
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343	0000015		FLORIDA DIVISION COMMERCIAL CHASSIS	1
344	0004713		ENGINE, OTHER	1
345	0046395		EVS 3000 Series TRANSMISSION	1
346	0020011		WATEROUS PUMP	1
347	0020009		POLY TANK	1
348	0028047		NO FOAM SYSTEM	1
349	0020006		SIDE CONTROL	1
350	0020007		AKRON VALVES	1
351	0020909		ABS SYSTEMS, Commercial	1
352	0658751		Manufacturing Attribute	1

Patrick Martin <pmartin@five-star-fire.com>

12/1/2017 7:11 AM

RE: Need for quotes

To Sr Gary Feldman <gfeldman63@comcast.net>

Hey, Chief.

The Harwich truck had a 1000gpm pump with 500 gallons. I've done up a pretty quick spec that we can definitely build off of that has the same 500 gallons of water, but does have the 1500gpm pump. We've also used the same chassis with the 4-door, 4x4 FL M106 cab. The VERY vague price came to \$408,000.00. With the 2-door cab, the price dropped to just under \$400,000.00. Those prices are for a 3-compartment body...not the WUI body that the Harwich truck has. I'd imagine the 2-compartment version of that truck would be slightly less than the numbers quoted above.

In terms of the custom pumper, the price increased a little bit to \$625,500.00. There's a chance that the price may come down a little bit....but, I think you're safe with that number for your budgetary purposes.

I'm on my last day in OH, and should be back in CT later on tonight....but, feel free to let me of any problems or if you need some more info.

Pat

From: Gary Feldman, Sr [<mailto:gfeldman63@comcast.net>]

Sent: Wednesday, November 29, 2017 8:54 AM

To: Patrick Martin <pmartin@five-star-fire.com>

Subject: RE: Need for quotes

Good Morning Pat, Now that I had a chance to look at the prints you can give me the price for the Harwich truck. It does have a 1500 gpm pump and 500 gal tank?

On November 28, 2017 at 9:10 AM Patrick Martin <pmartin@five-star-fire.com> wrote:

Good morning, Chief.

That shouldn't be too big of a request!

- With the price increase already here, I can get you a price on a "new" spec of the truck we're building now.
- Regarding the 4x4 commercial cab, I think I gave you the drawing of the truck we're building for Harwich, MA....that's a FL M2 108, 4-door, 4-wheel drive. If we can get a bench for the 3rd person, would you like a 2-door? Or, stay with the 4-door? I've attached the FL spec and the drawing of that Harwich truck.

I'm on the road to the Sutphen plant in the AM, but should be able to get a \$ for both projects by Friday.

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL

Agency/Department: Ellington Board of Education	Project Name: Systemwide Wheelchair Van										
Project Description: Replacement for aging fleet vehicle. Purchase a van at State Contract Bid List pricing with the necessary modifications done by Advanced Wheels	Priority Rank by Agency/Department <table style="width: 100%; text-align: center;"> <tr> <td>☒ #1</td> <td>☐ #2</td> <td>☐ #3</td> <td>☐ #4</td> <td>☐ #5</td> </tr> <tr> <td>Committed Project</td> <td>Urgent Project</td> <td>Needed Project</td> <td>Desirable Project</td> <td>Acceptable Project</td> </tr> </table>	☒ #1	☐ #2	☐ #3	☐ #4	☐ #5	Committed Project	Urgent Project	Needed Project	Desirable Project	Acceptable Project
☒ #1	☐ #2	☐ #3	☐ #4	☐ #5							
Committed Project	Urgent Project	Needed Project	Desirable Project	Acceptable Project							
Justification: The BOE's fleet of vehicles saves the Town and BOE an estimated 20% over contracted rates. Regular replacement of fleet vehicles on a roughly 10 year cycle is required.	Required/Desired Date of Project Completion: July 2019, July 2021, July 2022										
Benefits: We estimate a 20% cost savings by transporting in house. There is a one year payback on the vehicle when compared to the costs of outsourcing, safety is increased, liability and repair costs decrease.	Type of Project: Vehicle Replacement										

Costs if not implement:

Contracting with First Student for one year would cost \$42,035 plus applicable overtime charges.

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases			\$31,000		\$31,000	\$31,000		\$93,000		
Other (Identify)										
SUBTOTAL			\$31,000		\$31,000	\$31,000		\$93,000		
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN			\$31,000		\$31,000	\$31,000		\$93,000		

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL

Agency/Department: Ellington Board of Education						Project Name: Modern Classroom Furniture				
Project Description: A multi-year effort aimed at transforming the learning environments in our Middle School and High School classrooms.						Priority Rank by Agency/Department				
						☐ #1 Committed Project	☒ #2 Urgent Project	☐ #3 Needed Project	☐ #4 Desirable Project	☐ #5 Acceptable Project
Current desks do not facilitate a collaborative learning environment. Current classroom design calls for flexible seating, that can be arranged as groups or as individuals. Through a centralized purchasing process, the Board will seek to replace several classrooms worth of furniture per year. This is the Board's 2nd priority for the 2018-2019 fiscal year.						Required/Desired Date of Project Completion: July 2018, July 2019, July 2020, July 2021, July 2022				
Benefits: Improve the learning environment.						Type of Project: Equipment Purchase				
Costs if not implemented: Not able to be calculated.										

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases		30,000	30,000	30,000	30,000	30,000		150,000		
Other (Identify)										
SUBTOTAL		30,000	30,000	30,000	30,000	30,000		150,000		
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		30,000	30,000	30,000	30,000	30,000		150,000		

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL

Agency/Department: Ellington Board of Education						Project Name: Systemwide Security Enhancements				
Project Description: Purchase cameras and monitors to replace and upgrade existing equipment.						Priority Rank by Agency/Department				
						☐ #1 Committed Project	☒ #2 Urgent Project	☐ #3 Needed Project	☐ #4 Desirable Project	☐ #5 Acceptable Project
Justification: For additional needs and enhancements to our security systems.						Required/Desired Date of Project Completion: August 2019, August 2020, August 2021				
Benefits: To provide a secure and protected environment for students and staff.						Type of Project: Security				
Costs if not implement: Not able to be calculated.										

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases			\$25,000	\$25,000	\$25,000			\$75,000		
Other (Identify)										
SUBTOTAL			\$25,000	\$25,000	\$25,000			\$75,000		
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN			\$25,000	\$25,000	\$25,000			\$75,000		

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL

Agency/Department: Ellington Board of Education	Project Name: Computer Replacement Cycle										
Project Description: This is a planned cycle, where every four years, the Public Schools replaces half the teacher workstations and computer labs in the district.	Priority Rank by Agency/Department <table style="width: 100%; text-align: center;"> <tr> <td>☒ #1</td> <td>☐ #2</td> <td>☐ #3</td> <td>☐ #4</td> <td>☐ #5</td> </tr> <tr> <td>Committed Project</td> <td>Urgent Project</td> <td>Needed Project</td> <td>Desirable Project</td> <td>Acceptable Project</td> </tr> </table>	☒ #1	☐ #2	☐ #3	☐ #4	☐ #5	Committed Project	Urgent Project	Needed Project	Desirable Project	Acceptable Project
☒ #1	☐ #2	☐ #3	☐ #4	☐ #5							
Committed Project	Urgent Project	Needed Project	Desirable Project	Acceptable Project							
Justification: The computers replaced under this request are going on the 8th year of use. As such, they are not powerful enough to keep up with present and future demands.	Required/Desired Date of Project Completion: July 2018										
Benefits: Improve the learning environment.	Type of Project: Equipment Purchase										

Costs if not implemented:
 Reduced teaching capabilities, increased maintenance and replacement costs.

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases		285,000				285,000		570,000		
Other (Identify)										
SUBTOTAL		285,000				285,000		570,000		
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		285,000				285,000		570,000		

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL

Agency/Department: Ellington Board of Education								Project Name: Audio/Visual Upgrades		
Project Description: Audio/Visual (A/V) Upgrades across the district								Priority Rank by Agency/Department		
								☐ #1 Committed Project	☒ #2 Urgent Project	☐ #3 Needed Project
The A/V equipment across the district is coming up on the end of its useful life. While the district repairs or replaces equipment as needed, a broader replacement of the equipment is needed.								Required/Desired Date of Project Completion: July 2019		
Benefits: Replacement of A/V equipment allows for better learning environments.								Type of Project: Equipment Purchase		
Costs if not implemented: Not able to be calculated.										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases			50,000					50,000		
Other (Identify)										
SUBTOTAL			50,000					50,000		
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN			50,000					50,000		

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY FORM

PROPOSED PROJECT DETAIL										
Agency/Department: PUBLIC WORKS							Project Name: POLICE VEHICLE			
Project Description: PURCHASE OF NEW POLICE VEHICLE TO REPLACE THE OLD VEHICLE.							Priority Rank by Agency/Department ☐ #1 Committed Project ☐ #2 Urgent Project ☒ #3 Needed Project ☐ #4 Desirable Project ☐ #5 Acceptable Project			
Justification:							Required/Desired Date of Project Completion:			
Benefits:							Type of Project:			
Costs if not implement:										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases			\$35,000		\$35,000					
Other (Identify)										
SUBTOTAL			\$35,000		\$35,000					
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN			\$35,000		\$35,000					

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other