



AGENDA OF THE FINANCE COMMITTEE

TUESDAY, AUGUST 23, 2022, 4:30 PM

Virtual Meeting. Public may join via Zoom.

A. Zoom Meeting Information.

1. This item contains Zoom information, instructions, and a link to the Virtual Comment Form.

B. Roll Call.

1. Members: Ald. Brian Johnson, Ald. Jesse Brunette, Ald. Bill Galvin & Ald. Jim Hutchison.

C. Approval of the Agenda.

D. Approval of Minutes.

1. Approval of the Finance Committee minutes from the July 26, 2022 meeting.

E. Regular Business.

1. Request by the Finance Director to review and discuss 2021 year-end financial results for the City. The City's audit firm, Baker Tilly, will be present to discuss with the committee.
2. For consideration with possible action to transfer ownership of K9 Drago from the Green Bay Police Department to Wisconsin K9 Services LLC at no cost.
3. Consideration with possible action on the purchase of twelve (12) Interceptor Power Bikes for GBMFD for the sum of \$65,503.40 from RECON Power Bikes.
4. For consideration with possible action to obligate funding for two ladder truck replacements at a cost of \$1,659,356 each for a total of \$3,318,712.
5. Report of the Claims Committee.

The Committee may convene in closed session pursuant to Section 19.85(1) (g), Wis. Stats., for the purpose of conferring with legal counsel for the governmental body who is rendering oral or written advice concerning strategy to be adopted by the body with

respect to litigation in which it is or is likely to become involved. The Committee will thereafter reconvene in open session pursuant to Section 19.85(2), Wis. Stats., to take action on items discussed in closed session, if appropriate, and to consider the remainder of the agenda.

F. Informational.

1. 2022 Contingency Account: \$184,297.00; unobligated is \$84,297.00.
2. The next Finance Committee meeting will be held on Tuesday, September 13, 2022 at 5:00 PM.

G. Adjournment.

- 1) THIS MEETING IS RECORDED: THE VIDEO OF THIS MEETING AND MINUTES ARE AVAILABLE ONLINE AT www.greenbaywi.gov
- 2) ACCESSIBILITY: Any person wishing to attend who requires special accommodation because of a disability, should contact the City Safety Manager at 920-448-3125 at least 48 hours before the scheduled meeting time so that arrangements can be made.
- 3) QUORUM: Please take notice that a majority or quorum of the Common Council will attend this Finance Committee meeting and will constitute a meeting of the Common Council for purposes of discussion and information gathering relative to this agenda.
- 4) REPRESENTATION: The party requesting the communication, or their representative, should be present at this meeting.

Virtual Meeting Instructions



Finance Committee

Zoom Meeting Information

Join Zoom Meeting

<https://us02web.zoom.us/j/88142524379?pwd=ekliUHNVYTJlRFpOUHVubTdXOHZYZz09>

Meeting ID: 881 4252 4379

Passcode: 846368

One tap mobile

+13126266799,,88142524379#,,,,*846368# US (Chicago)

+19292056099,,88142524379#,,,,*846368# US (New York)

Dial by your location

+1 312 626 6799 US (Chicago)

+1 929 205 6099 US (New York)

+1 301 715 8592 US (Washington DC)

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

Meeting ID: 881 4252 4379

Passcode: 846368

Find your local number: <https://us02web.zoom.us/j/88142524379>

Public Comments

If you wish to speak at this public meeting or leave a comment, please fill out the online [Comment Form](#) prior to the meeting.

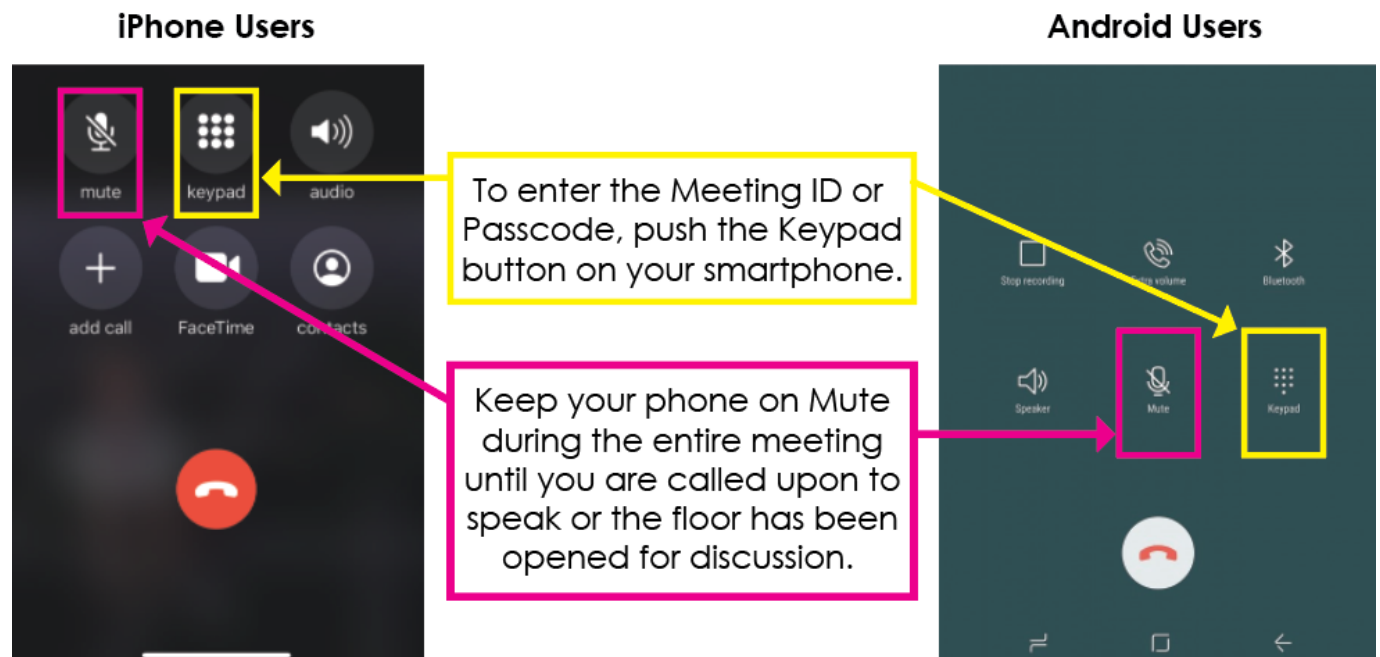
Additional Information

1. Wisconsin Open Meetings Law still applies
 - a. Persons interested in speaking to an item must state their name and address for the minutes.
 - b. Committee/Commission/Board members will still follow *Roberts Rules of Order Newly Revised 12th edition*.
2. Please log into the Zoom meeting at least 10 minutes before the meeting begins to ensure a proper connection and that your technology is working.
 - a. If you are a Board Member, please log into [CivicClerk](#) with a computer, laptop, or tablet device.
3. Once you are in the meeting please mute yourself.
 - a. You may unmute yourself when you are called upon to speak.
4. Waiting room
 - a. When you call in or connect via web or Zoom app, you will be placed in a "waiting room."
 - b. The meeting host will then admit you to the meeting, and mute you upon entrance (you will still be able to hear and or otherwise observe the meeting).
5. Registering
 - a. The host may ask you to register for the meeting. A registration link will be sent to you along with the invite. You'll receive another email confirming that you're registered for the meeting.
 - b. If you're using a phone, your registration will be tied to an email.
6. Raising your hand
 - a. Committee/Commission/Board members—you can either use CivicClerk and request to speak or you can also utilize the "raise your hand" tool in the Zoom platform (you'd need to use a computer or tablet) to let the host know you would like to speak. You can also un-mute yourself and start speaking.
 - b. Persons with items on the agenda or other interested parties—you can also utilize the "raise your hand" tool on the Zoom platform via computer or mobile device. You will be allowed to speak once the committee, commission, or board has moved to "open the floor for interested parties to speak." Once discussion on your agenda item has concluded, the host will mute you, unless the committee opens the floor again.
7. What devices should I use?
 - a. Smart phone (please see more detailed instructions on page 3)
 - b. Land line
 - c. Tablet—in advance of the meeting, please download the Zoom Meeting app by using either the Apple Store or the Play Store. You will be asked to input your name, to identify you for the meeting.
 - d. Computer—you can access the meeting through a web browser by clicking on the meeting link, or through the Zoom Meeting app. If using the app, please download it in advance of the meeting. You will be asked to input your name, to identify yourself for the meeting.
 - e. For tablet and computer users—if you download the app you may be asked to verify your email.

8. Zoom etiquette
 - a. Muting yourself when you're not speaking will prevent your background noise from interfering with others' ability to listen to and participate in the meeting.
 - b. If you're using a telephone, please identify yourself with your phone number and state your name and address before you speak. Zoom meeting hosts can see only your telephone number and will ask you to identify yourself.
9. Closed session
 - a. Persons in the Zoom meeting will be put into a waiting room while the committee/commission/board meets in Closed Session. Participants will be admitted back into the Zoom meeting once the committee reconvenes in Open Session.
 - b. Persons watching a Common Council meeting live on YouTube will see a gray screen with the City logo during closed session.
10. Persons interested in attending anonymously or listening to the meeting may call in by dialing *67 followed by the phone number in the Zoom Meeting Information box.

Calling into the Zoom meeting using a smartphone

1. Dial the phone number listed at the beginning of this document.
2. When prompted, enter the Meeting ID number followed by #
3. Once you are in the meeting, notify the meeting host that you are in and state your name.
4. If you do not wish to speak, please make sure your phone is on **Mute**
 - a. If you're using a smartphone, look at your screen and click the Mute button





Report to the
Finance Committee
of the City of Green Bay

MEETING DATE

August 23, 2022

PREPARED BY

AGENDA ITEM # E.1

Request by the Finance Director to review and discuss 2021 year-end financial results for the City. The City's audit firm, Baker Tilly, will be present to discuss with the committee.

BACKGROUND

RECOMMENDATION

Receive and place on file.

FISCAL IMPACT

ATTACHMENTS

- I. FS Highlight Board Presentation - Green Bay 2021



City of Green Bay

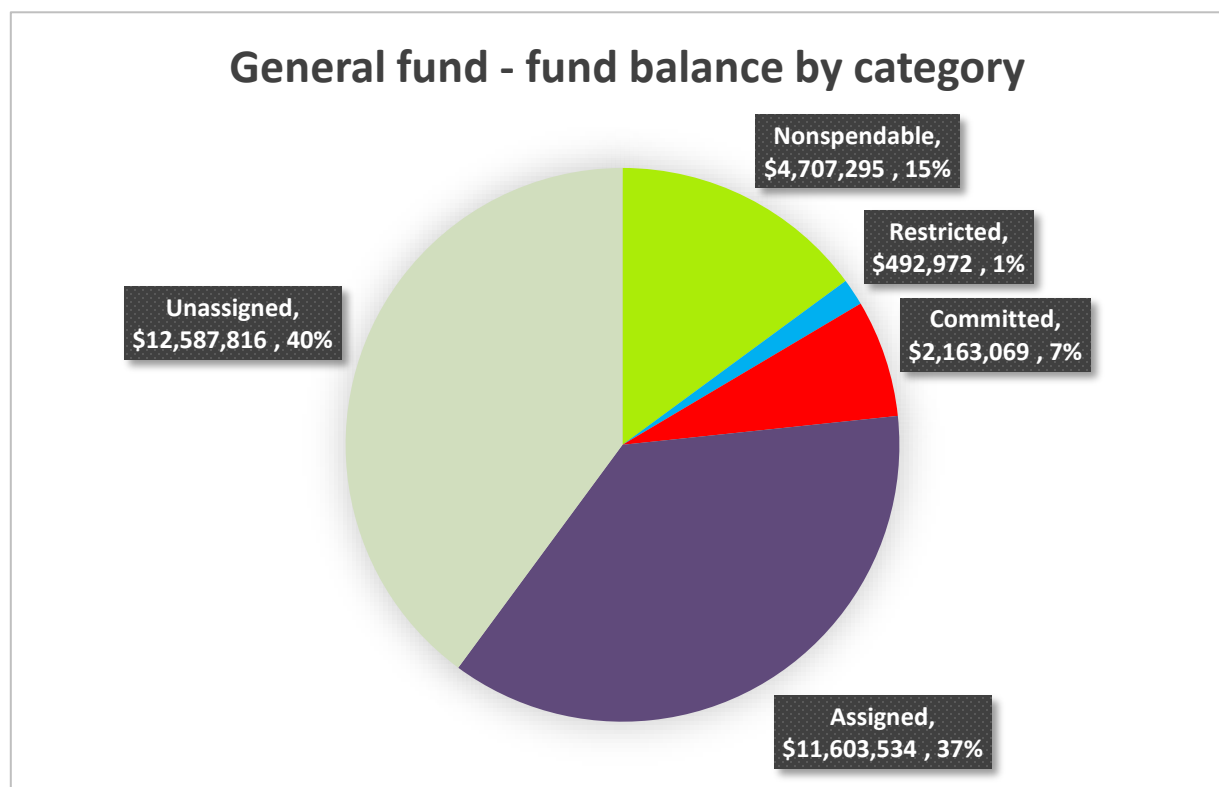
2021 financial highlights

Prepared for August 23, 2022 Finance Committee Meeting

Client service team

Kimberly M. Shult, CPA, Partner
kimberly.shult@bakertilly.com
612.876.4912

Amanda R. Mboga, CPA, Senior Manager
Sheanne M. Hediger, CPA, Senior Manager



Summarized income statement

	<u>Actual</u>	<u>Final budget</u>	<u>Variance</u>
Revenues and other financing sources	\$ 92,322,331	\$ 92,582,401	\$ (260,070)
Expenditures and other financing uses	(90,842,298)	(92,995,936)	(2,153,638)
Net change in fund balance	<u>\$ 1,480,033</u>	<u>\$ (413,535)</u>	<u>\$ 1,893,568</u>

Fund balance category definitions

Nonspendable - amounts cannot be spent either because they are not in spendable form or because legal or contractual requirements require them to be maintained in tact.

Restricted - amounts that can be spent only for the specific purposes stipulated by an external source.

Committed - amounts constrained for specific purposes that are internally imposed through formal action of the governing body.

Assigned - spendable amounts that are intended to be used for specific purposes that are not considered restricted or committed.

Unassigned - residual amounts that have not been classified within other categories above.

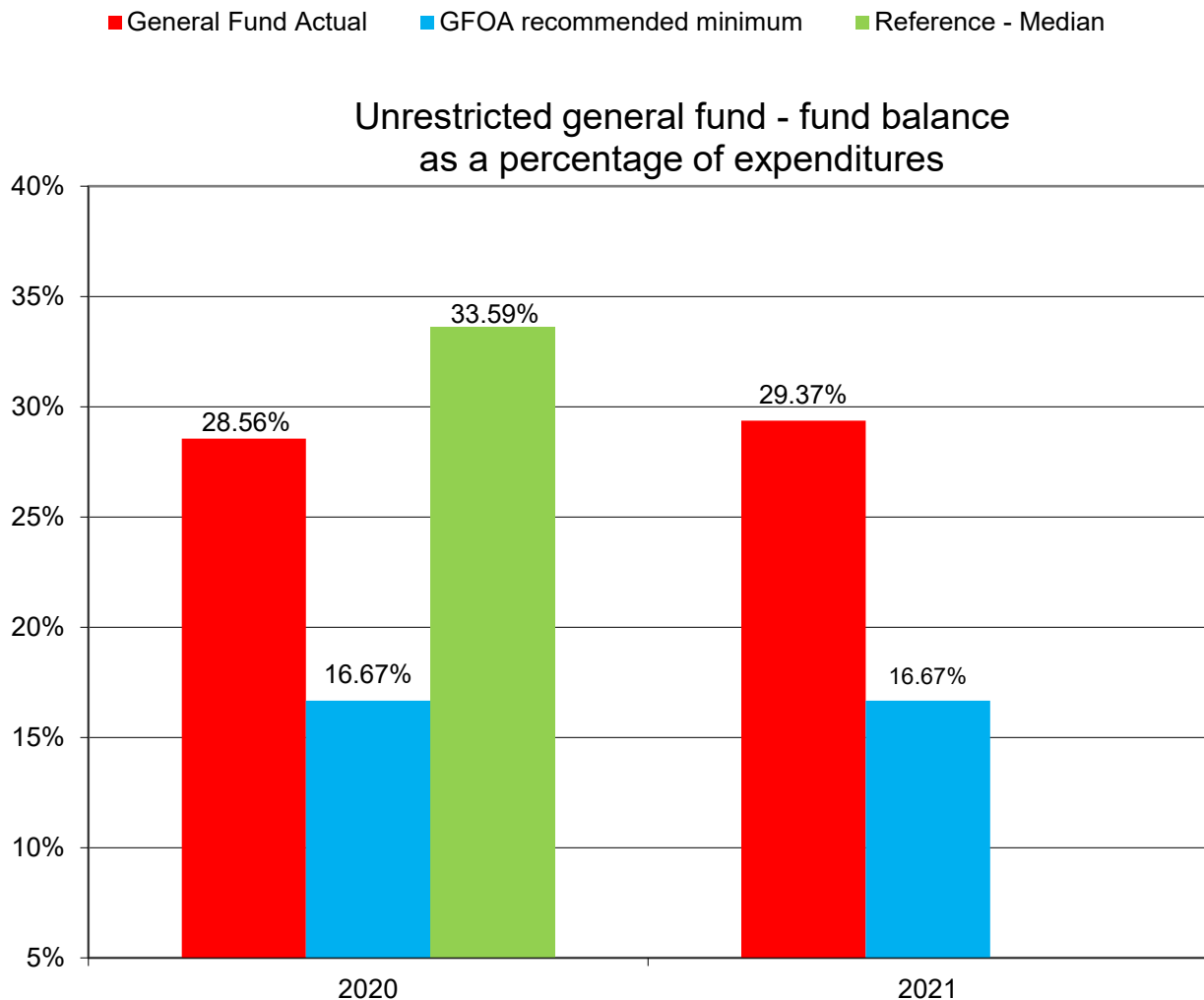
City of Green Bay

General fund - fund balance trends



Fund balance policy:

The City's policy is to maintain an unassigned general fund balance of 9-16% of expenditures. Unassigned fund balance as of 12/31/2021 was 14% of expenditures.



Other reference values

GFOA recommends a minimum of no less than 2 months (16.7%) of general fund expenditures.

Median reference value generated from 2020 Baker Tilly municipal client data for population ranges of 30,000 to 150,000.

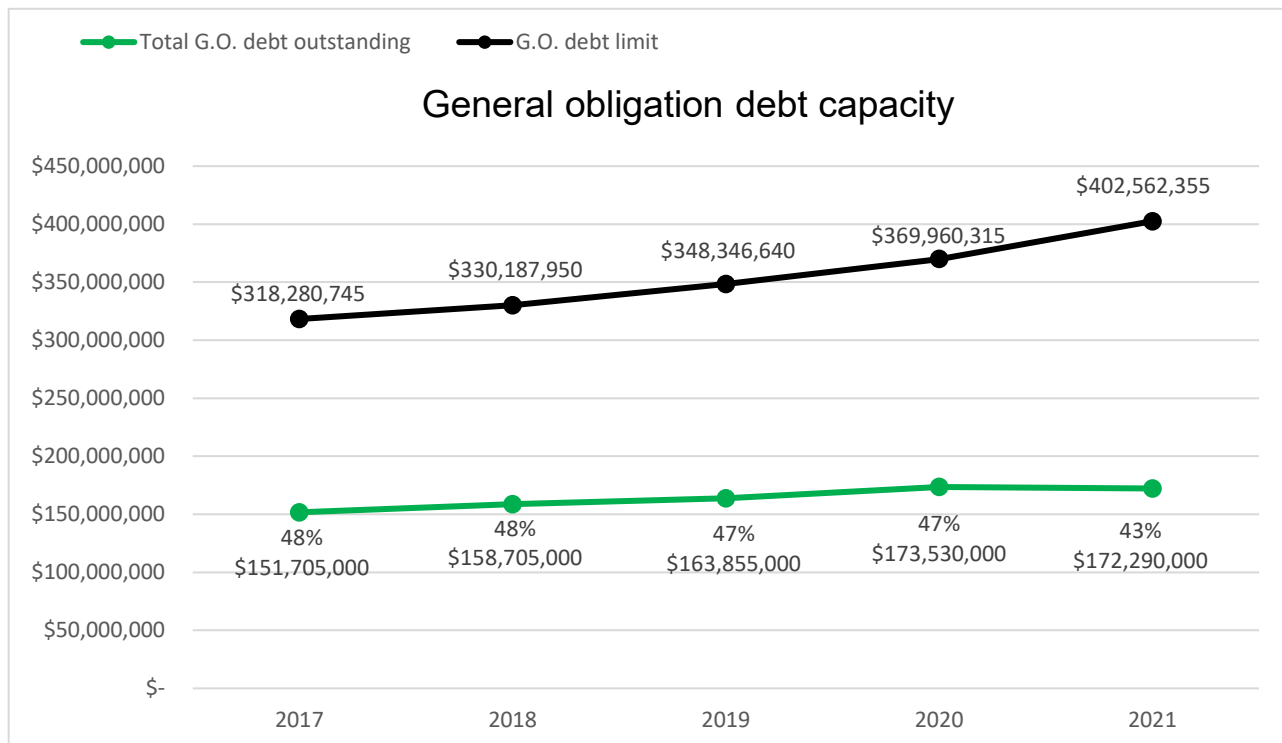
City of Green Bay

General obligation debt



Debt management:

Actual percentage of debt limit at 12/31/21: **43%**



Total debt outstanding by type at 12/31/2021

	General obligation	Revenue debt	Premiums	Total
City	\$ 172,290,000	\$ 47,096,000	\$ 8,512,977	\$ 227,898,977
Total	<u>\$ 172,290,000</u>	<u>\$ 47,096,000</u>	<u>\$ 8,512,977</u>	<u>\$ 227,898,977</u>

Comparative metrics available online through the Wisconsin Policy Forum.

<https://wispolicyforum.org/research/municipal-datatool-examining-and-comparing-wisconsin-cities-and-villages/>

General obligation debt per capita as of 12/31/2019 (latest information available) ranks the City of Green Bay as 202 out of 602 cities and villages in Wisconsin.

Of the 10 largest cities in Wisconsin, Green Bay ranks 8th in highest debt per capita. Of those municipalities, Green Bay ranks 7th in the highest used percentage of the state debt limit.

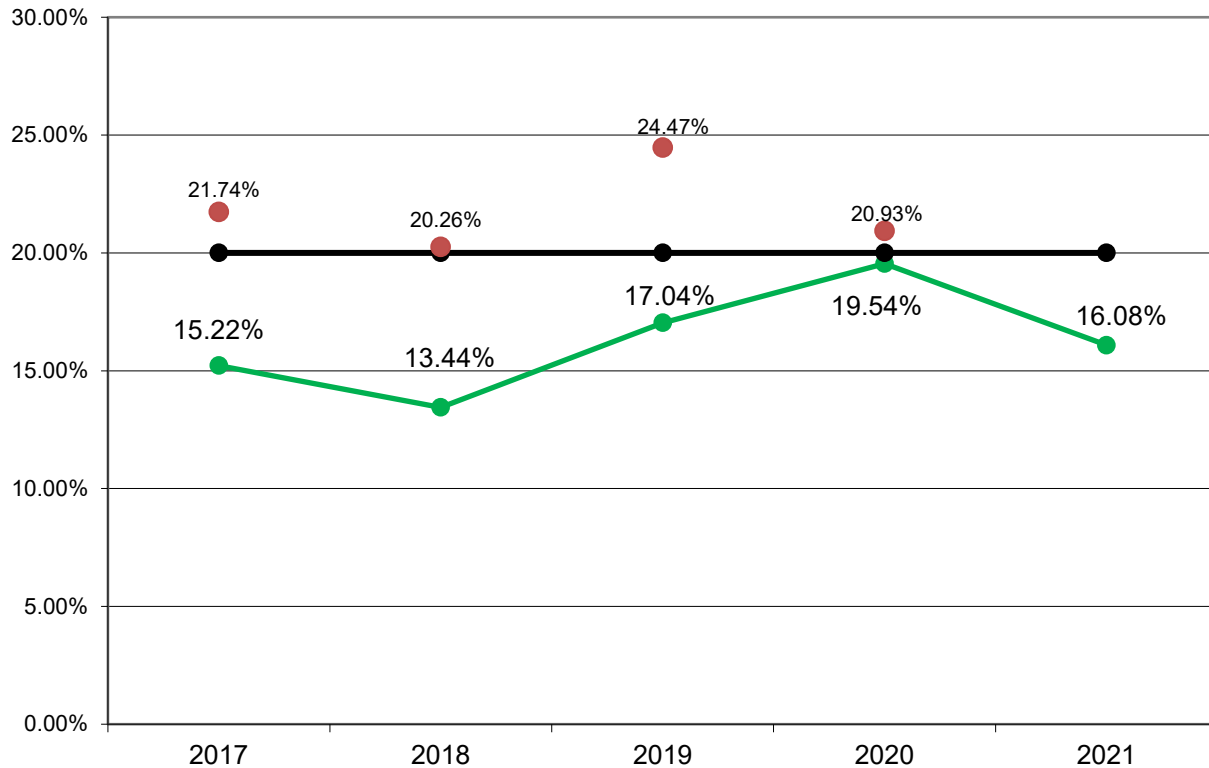
City of Green Bay

Governmental funds - debt service



City of Green Bay Reference - Median Bond Rating Agencies Recommendation

Debt service to non-capital expenditures



Current and prior year data

	2021	2020
Principal	\$ 18,896,000	\$ 24,071,000
Interest	6,944,782	7,181,615
Total	<u>\$ 25,840,782</u>	<u>\$ 31,252,615</u>
Non-capital expenditures	<u>\$ 160,671,287</u>	<u>\$ 159,914,861</u>

Other reference values

Bond Rating agencies recommend 20% maximum

Median reference value generated from 2017 - 2020 Baker Tilly municipal client data for population ranges of 30,000 to 150,000.

City of Green Bay

Other governmental funds



	<u>2021</u>	<u>2020</u>
Fund balance - other governmental funds		
Major Funds:		
Sanitary Sewer Special Revenue Fund	\$ 14,630,050	\$ 13,152,407
Unrestricted fund balance as a % of expenditures	<u>69%</u>	<u>63%</u>
COVID Grants Special Revenue Fund	\$ 10,965	\$ -
Assigned for public health and safety		
Debt Service - General	\$ 4,596,360	\$ 2,291,792
Restricted for debt service		
Nonmajor Funds:		
Storm Sewer Special Revenue Fund	\$ 8,333,878	\$ 8,010,172
Street Construction	4,221,971	4,081,086
Sanitary Sewer Construction	4,593,463	5,558,422
Park Acquisition	3,373,161	2,542,147
Storm Sewers Constuction	6,061,545	8,683,925
Fire Equipment Replacement	2,568,837	1,599,437
Sanitary Sewer Equipment Replacement	2,776,613	2,844,708
Storm Sewer Equipment Replacement	3,000,477	2,748,087
Bay Beach Development	2,836,503	3,395,672
KI Convention Center Maintenance	2,127,034	2,030,761
KI Convention Center	673,532	3,001,706
TIF District #12	3,862,875	1,926,723
TIF District #13	(1,942,962)	(3,024,709)
TIF District #14	(2,836,116)	(2,306,598)
TIF District #22	4,132,490	2,597,454
Other Special Revenue Funds	6,722,808	3,149,409
Other Capital Project Funds	<u>12,646,699</u>	<u>11,487,900</u>
Total fund balance - nonmajor funds	<u>\$ 63,152,808</u>	<u>\$ 58,326,302</u>

Net position - internal service funds

Health, Workers Compensation and Liability Self-Insurance	<u>\$ 2,476,202</u>	<u>\$ 1,443,678</u>
---	---------------------	---------------------

City of Green Bay

Independent Auditors' Report



Unmodified opinion - financial statements are presented fairly in accordance with generally accepted accounting principles.

Management is responsible for the preparation and fair presentation of the financial statements as well as for the design, implementation and maintenance of internal controls.

Objective of the audit is to obtain reasonable assurance about whether the financial statements are free from material misstatement; reasonable assurance is a high level of assurance but not absolute.

In accordance with *Government Auditing Standards*, we have issued a separate report on our consideration of the City's internal control over financial reporting and our tests of compliance with laws, regulations, contracts and grant agreements.



Report to the
Finance Committee
of the City of Green Bay

MEETING DATE

August 23, 2022

PREPARED BY

AGENDA ITEM # E.2

For consideration with possible action to transfer ownership of K9 Drago from the Green Bay Police Department to Wisconsin K9 Services LLC at no cost.

BACKGROUND

The transfer of ownership would be at no cost to: Wisconsin K9 Services LLC, De Pere, WI

The anticipated use would be as a single purpose narcotic detection K9 for corporate accounts the company has contracts with.

RECOMMENDATION

Approve.

FISCAL IMPACT

ATTACHMENTS

- I. K9 DRAGO TRANSFER AGREEMENT

GREEN BAY POLICE DEPARTMENT
K9 TRANSFER AGREEMENT

This K9 Transfer Agreement (Agreement) is dated _____, by and between the City of Green Bay, a municipal corporation (City) and Wisconsin K9 Services LLC, 1074 Wrightstown Rd, De Pere, WI 54115 (Wisconsin K9).

1. The City owns a Belgian Malinois/German Shepherd dog known as K9 Officer Drago (Drago).
2. The City is transferring ownership of Drago to Wisconsin K9 for use as a narcotic detection K9 for contracted services between Wisconsin K9 and its customers.
3. The City agrees to transfer ownership of Drago to Wisconsin K9 at no cost. The date on which the Wisconsin K9 takes possession of Drago is the Transfer Date under this Agreement.
4. After the Transfer Date, Drago is no longer a K9 Officer for the City and Wisconsin K9 assumes all responsibility as the owner and handler of Drago.
5. The City makes no promises concerning the physical or mental health of Drago. Wisconsin K9 is agreeing to take ownership of Drago as is. Wisconsin K9 shall be provided all medical records and information for Drago.
6. Wisconsin K9 understands that Drago has received training in police canine procedure and tactics. This training included attack training and other forms of aggressive conduct. Wisconsin K9 warrants that it is fully aware of Drago's training and is capable of safely handling Drago.
7. Wisconsin K9 warrants that it is fully aware of Drago's service history, including multiple bite incidents, and is capable of safely handling Drago.
8. Wisconsin K9, its owners, employees, customers, heirs, assigns, and the like, agree to hold harmless and release the City and its officers, officials, employees, and agents from and against any and all liability, loss, damage, expenses, costs, including attorney fees, arising from the Wisconsin K9's ownership, possession, care, and use of Drago. Wisconsin K9 expressly agrees that this waiver and release is intended to be as broad and inclusive as permitted by the laws of the State of Wisconsin.
9. Wisconsin K9 agrees to indemnify the City and its officers, officials, employees, and agents from all losses, including reasonable attorney fees, liabilities, and claims arising from or relating to any action of Drago after the Transfer Date.
10. It is agreed that nothing in this Agreement shall be construed as a waiver, replacement, or forfeiture of any legal rights and defenses available to the City.
11. This Agreement shall be governed by interpreted under Wisconsin laws.

GREEN BAY POLICE DEPARTMENT
K9 TRANSFER AGREEMENT

12. This Agreement constitutes the entire agreement of the Parties relating to the Drago. This Agreement supersedes and replaces all other written or oral agreements.
13. No Amendment of this Agreement will be effective unless it is in writing and signed by both parties.

Wisconsin K9

Date: _____

By:

Its:

City of Green Bay

Date: _____

Chris Davis, Chief, Green Bay Police Department

Date: _____

Eric Genrich, Mayor

Date: _____

Celestine Jeffreys

GREEN BAY POLICE DEPARTMENT
K9 TRANSFER AGREEMENT

Transfer Date: _____

Green Bay Police Department Representative

Wisconsin K9 Representative



Report to the
Finance Committee
of the City of Green Bay

MEETING DATE

August 23, 2022

PREPARED BY

AGENDA ITEM # E.3

Consideration with possible action on the purchase of twelve (12) Interceptor Power Bikes for GBMFD for the sum of \$65,503.40 from RECON Power Bikes.

BACKGROUND

Funding source: \$73,500 received during 2021 bonding.

RECOMMENDATION

Approve.

FISCAL IMPACT

ATTACHMENTS

- I. 8-23-2022 Finance Agenda Report - FIRE Power Bikes



Purchasing Department
100 North Jefferson Street - Room 101
Green Bay, Wisconsin 54301-5026
www.greenbaywi.gov

Phone 920.448.3047
Fax 920.448.3050

TO: Finance Committee Procurement Manager
DT: August 23, 2022
RE: Purchasing Report
Cc: Diana Ellenbecker, Pam Manley

Report of the Procurement Manager:

1. Purchase of twelve (12) Interceptor Power Bikes along with accessories (see attached quote) for GBMFD for the sum of \$65,503.40 from RECON Power Bikes. We are purchasing off the U.S. General Services Administration (GSA) Cooperative, contract # 47QSWA19D005W which was competitively bid.

Account: 424400-55140-41198 Fire Equipment Replacement



QUOTATION

Quote Number: 4076
Quote Date: Aug 3, 2022
Page: 1



Quoted To:

Green Bay Metro Fire Department
501 S Washington Street
Green Bay, WI 54301

Attn: Asst. Chief Ryan Gibbons

Customer ID	Good Thru	Payment Terms
GBME001	9/2/22	Net 30 Days

Quantity	Item	Description	Unit Price	Amount
12.00	BR-INTBLK1	Item: Interceptor Power Bike-Black / 1,000W Mid-Driven Motor, Law Enforcement Model/ 17"	3,895.00	46,740.00
12.00	S-VINYLBKIEWRAP	Item: Vinyl Bike Wrap- RED	185.00	2,220.00
12.00	AR-MPOWERKIT2	Item: SoundOff mPower 4x2 Light and Siren Kit, Dual Upfit/ (2) Front & Back Lights, Siren, Powered by Bike, Scene Lighting, 1,836 LM per Light (Red/Red/White)	679.00	8,148.00
12.00	AR-RACK BAG	Item: Rack Bag (Rear)	69.00	828.00
12.00	AR-PANBAGWTRPRF	Item: Waterproof Quick Release Pannier Bag, Dual	179.90	2,158.80
6.00	AR-BAT48V14AMP	Item: Battery (48 volt, 14 amp hour)	599.00	3,594.00
4.00	PR-TUBE4	Item: Tube (4 inches)	25.65	102.60
3.00	PR-MASTERLINKS	Item: Master Link (1 Set of 2 Links)	3.00	9.00
2.00	PR-DERAILEURHNGR	Item: Derailleur Hanger for Ranger and Commando Models	10.00	20.00
1.00	S-MAINTENANCETRAIN	Onsite Maintenance & Service Training	495.00	495.00
12.00	S-ASSEMBLY-TESTING	Assembly, Testing and Delivery of Bikes (Per Bike)	99.00	1,188.00
GSA Contract #: 47QSWA19D005W Lead Time: 14-21 Days from date of Purchase Order received				
Subtotal				65,503.40
Sales Tax				
TOTAL				65,503.40

FOB: Fort Wayne, Indiana

Unless otherwise stated, freight charges are not included.
If you would like to place an order, please contact Becca Warren
admin@reconpowerbikes.com



Report to the
Finance Committee
of the City of Green Bay

MEETING DATE

August 23, 2022

PREPARED BY

AGENDA ITEM # E.4

For consideration with possible action to obligate funding for two ladder truck replacements at a cost of \$1,659,356 each for a total of \$3,318,712.

BACKGROUND

Ladder truck replacement T421 was on the 2022-2027 Capital Improvement Program list to be replaced in 2023 at a cost of \$1,345,000.

Ladder truck replacement T461 was on the 2022-2027 Capital Improvement Program list to be replaced in 2025 at a cost of \$1,454,000.

Pay for vehicles once received.

RECOMMENDATION

Approval to obligate funding and allow the department to order the replacement trucks.

FISCAL IMPACT

ATTACHMENTS

- I. Fire Ladder truck replacement request



Green Bay Metro Fire Department
501 South Washington Street
Green Bay, Wisconsin 54301-4218
www.greenbaywi.gov/fire

Phone 920.448.3280

David Litton
Fire Chief

Memorandum

To: Eric Genrich, Mayor
Joe Faulds, Chief of Operations
Diana Ellenbecker, Finance Director

From: David W. Litton, Fire Chief 

Date: July 21, 2022

Re: Ladder Truck Replacements (Truck 2 and Truck 6)

I've attached documentation from our shop mechanics and Battalion Chief Ray Fuiten as to the condition of our two frontline ladder trucks. Both apparatuses are facing serious rust issues with the frame rails and torque bolt issues in the turntables. This is an ongoing problem with the vehicles that we have purchased from Pierce Manufacturing.

These vehicles are scheduled to be replaced in 2023 and 2024 but I am requesting we move forward with the purchase immediately due to pending price increases and at this point, and a 2-year delivery timeframe. Any delay in the order will result in drastic price increases (9% plus) and anticipated delivery of the vehicles approaching 30 months.

Because of their condition, I'm concerned that they may fail their inspection at any point, which would result in the immediate loss of their use. This would cause a serious gap in our fire protection and place our citizens and fire personnel in a compromised position.



Proudly serving the communities of Allouez, Bellevue, and Green Bay

TRUCKS CORROSION OVERVIEW

Truck 421- Heavily corroded frame and cross members, suspension components also heavily corroded. Some rust abatement was performed by the shop to try to prolong the life of rig, but after 6 months the rust is already just as bad. By far the worst out of all the trucks, during aerial inspection last year the third-party inspector went to the point of saying, (I hope you are specking out a new rig soon!). Hard to say if the truck will make it to when the new rigs come if ordered soon. Rig should not be kept for spare.

Truck 461- Some Heavy corrosion on the frame and cross members, suspension components have some heavy corrosion. Truck 461 is not as bad as 421 but also needs replacement soon. Suggest this rig moves to spare status when replaced just because of ease of use being a platform and age of rig.

Truck 412- Some Minor corrosion, suggest rust abatement before it gets too bad to prolong the life of the rig. Overall rig is in good condition, will last as a spare for quite some time.

Truck 413- Some Minor corrosion, Truck is in good condition and will last as a spare a long time if needed.

E-One Truck Purchase for T2 and T6

Green Bay Metro Fire Department has identified a need to replace two trucks in its fleet, T421 and T461. In the capital replacement plan, aerials have a replacement cycle of 16 years. T421 is 12 years old and due for replacement in 2023 and T461 is also 12 years old and due for replacement in 2025. T421 has severe corrosion issues that have brought its service life expectancy as a front-line aerial to two more years and potentially not being utilized as a backup rig for us. T461 has the same corrosion problem but not yet as severe as T421. Its front-line life expectancy is approximately 3-4 more years. The corrosion issue is stemming from the harsh winters, salt and brine that is applied to the streets of Green Bay, Allouez and Bellevue. These conditions have crippled the chassis, design and lack of corrosion protection are also contributing to excessive corrosion of these Pierce Chassis. The need to replace these two aerials has become **high priority** based off the corrosion damage and fire apparatus industries drastic price increases with increasing delivery times due to a volatile market with supply chain issues. If both aerials are not replaced at the recommendation of the GBMFD, this will become a serious safety issue to our department members and citizens we serve.

The last three Engines Green Bay Metro Fire Department ordered were through E-One, E5 in 2018 and E3/E8 with a delivery of Spring of 2023. We also recently replaced our Hazmat rig and procured Squad 5 through E-One in 2020. E5 and Squad 5 are showing no signs of corrosion issues which is partly due to the design and corrosion protection applied to the chassis. E-one Chassis design is one piece of galvanized steel that is then powder coated to protect against the harsh winters of Wisconsin. Pierce chassis are designed as two C channels which have allowed the elements, salt and brine to corrode those chassis. Pierce will also only galvanize, or powder coat their chassis and not do both like E-One.

Staying with E-One for future purchases has great advantages to the City Green Bay and its taxpayers:

1. We are trying to maintain consistency among our fleet, this consistency has many advantages.
 - As we spec out the new aerials, a lot of the cab design, chassis, electrical programing, lighting and approximately 75 design codes will carry over into this aerial. This will bring the cost down by eliminating man hours of design and engineering on E-Ones side. This cost saving will role into future purchases by maintaining a consistent fleet going forward.
 - Our department shop will be able to stock parts for one type of apparatus style. Being able to buy oil filters, fuel filters air filters, etc. in bulk for one style of rig.
 - Familiarization of rigs will allow our mechanics to focus on one type of rig, cutting down on man hours spent maintaining our rigs.
 - This also allows identical equipment placement and familiarization of the rigs among our firefighters. This is extremely important with ensuring safe and consistent driving and operation of the rigs in both emergent and non-emergent situations.
 - E-One chassis design for their aerials also integrates the torque box into their chassis, this means no more torque bolts! T2 and T6 both have a chronic problem of sheering torque bolts from the torque box. This leads to our front-line aerials being out of service for extended periods of time.

2. Why the rush in buying 2 trucks?

- Frontline - T2 will last maybe 2 more years and T6 maybe 3-4 more years.
- Build times are at 24 months minimum if approved by the end of September 2022. These build times go to 30 months at the end of 2022 and 30+ months in 2023.
- Cost increases of 6-9% are expected by the end of September 2022 it may be sooner with the Federal Rate increase expected of at least 1% soon.
- If we purchase both trucks, we have a discount through E-One of about \$40,000/truck for a total of \$80,000.
- If we order the trucks before the price increase projected at the end of September, we will save \$148,000/truck for a total of \$296,000.
- Consistency in this specification with the prior purchased will also yield a discount and will be determined further into the specification process.
- Approximate cost of one truck September 2022 - \$1,650,000: end of 2022 – \$1,798,000: 2023 - \$2,000,000+
- **Total cost savings if approved prior to September 2022 of \$377,000**
- **Total Revenue with sale of T413 is \$60,000+**

3. Deferred Capital Fleet Purchases in 2022/2023

- Van411 \$52,884
- CH401 \$49,754
- CH402 \$49,754
- CH403 \$49,754
- BC411 \$93,018
- BC431 \$93,018
- Total: \$388,182 deferred capital purchases

Green Bay Metro Fire Department
E-ONE HP100 Aerial Platform 2022

Purchase Date:

	Sept	End of 2022	2023
Build Time	25 months	30 months	30+
Price	\$1,650,000	\$1,798,000	\$2,000,000+
Price Increases	6-9% / EA	Unknown	Unknown

Cost Savings if ordered by Sept.

Order 2 discount	Order before Sept.	T413 Sale
\$80,000	\$148,000/truck	

Total Savings

Total Revenues

\$377,000	\$60,000+
-----------	-----------

Upcoming Cost Savings: Cab, Chassis, Electrical Programming, Lighting, 75 carry over design codes from E5 and Squad 5. these will be reflected into the savings closer to spec completion. This is accomplished by consistency throughout our fleet with E-ONE

Upcoming Impacts:

Possible 1% Fed Rate increase can accelerate the Price Increases
 Proposed changes to NFPA impacting Emmissions will invoke a price increase.

Current Fleet Status

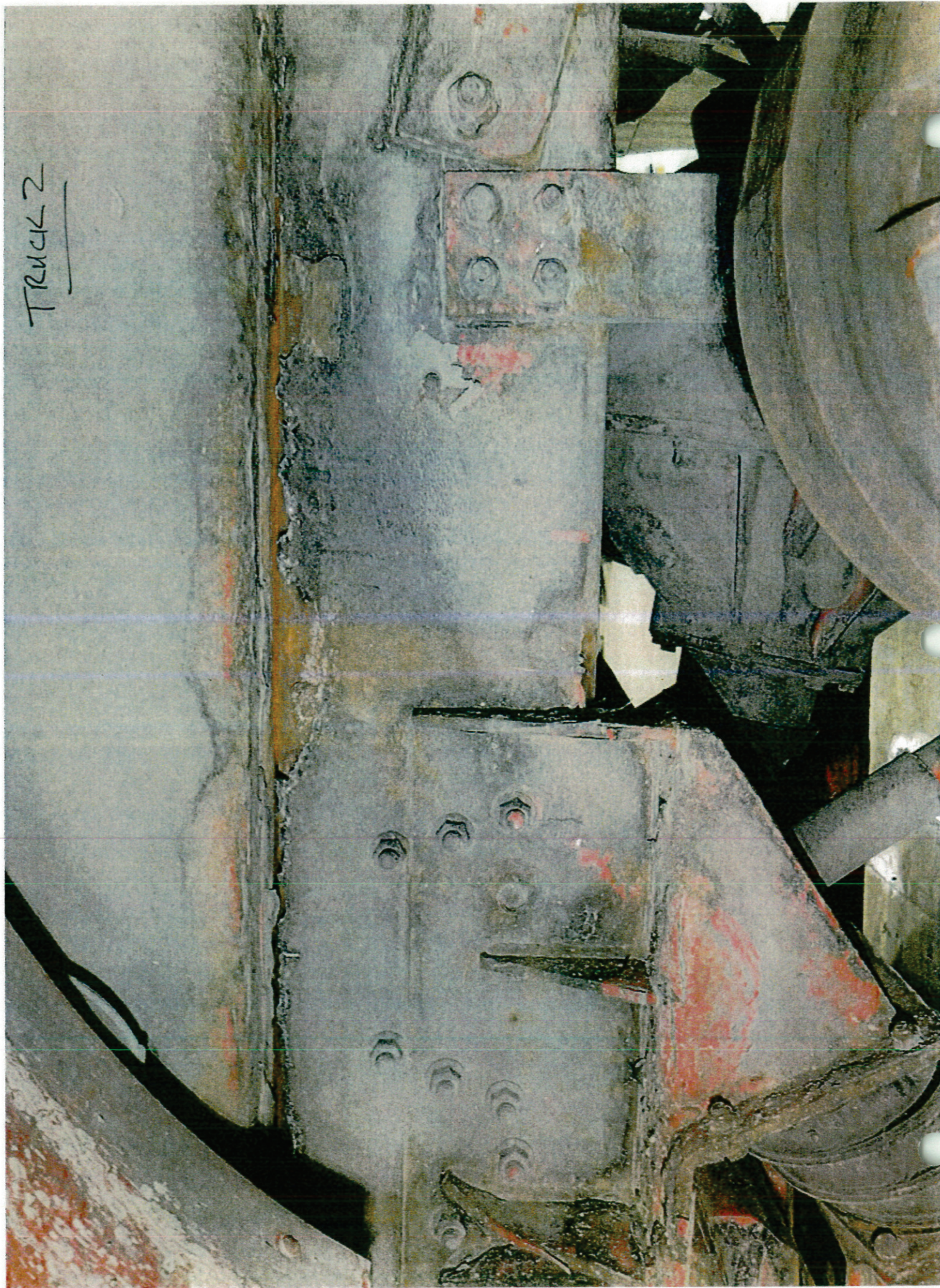
	T421	T461	T412	T413
Front line	Maybe 2 yrs	3-4 Years	N/A	N/A
Reserve	0	?	5+yrs	
Maintains Consistency lowering cost				Sell upon delivery new trucks

- Buying E1's has not piece
 - Order in fall 2022 -
 borrow 2024 -
 Receive end of 2024 / early 2025

TRUCK 2

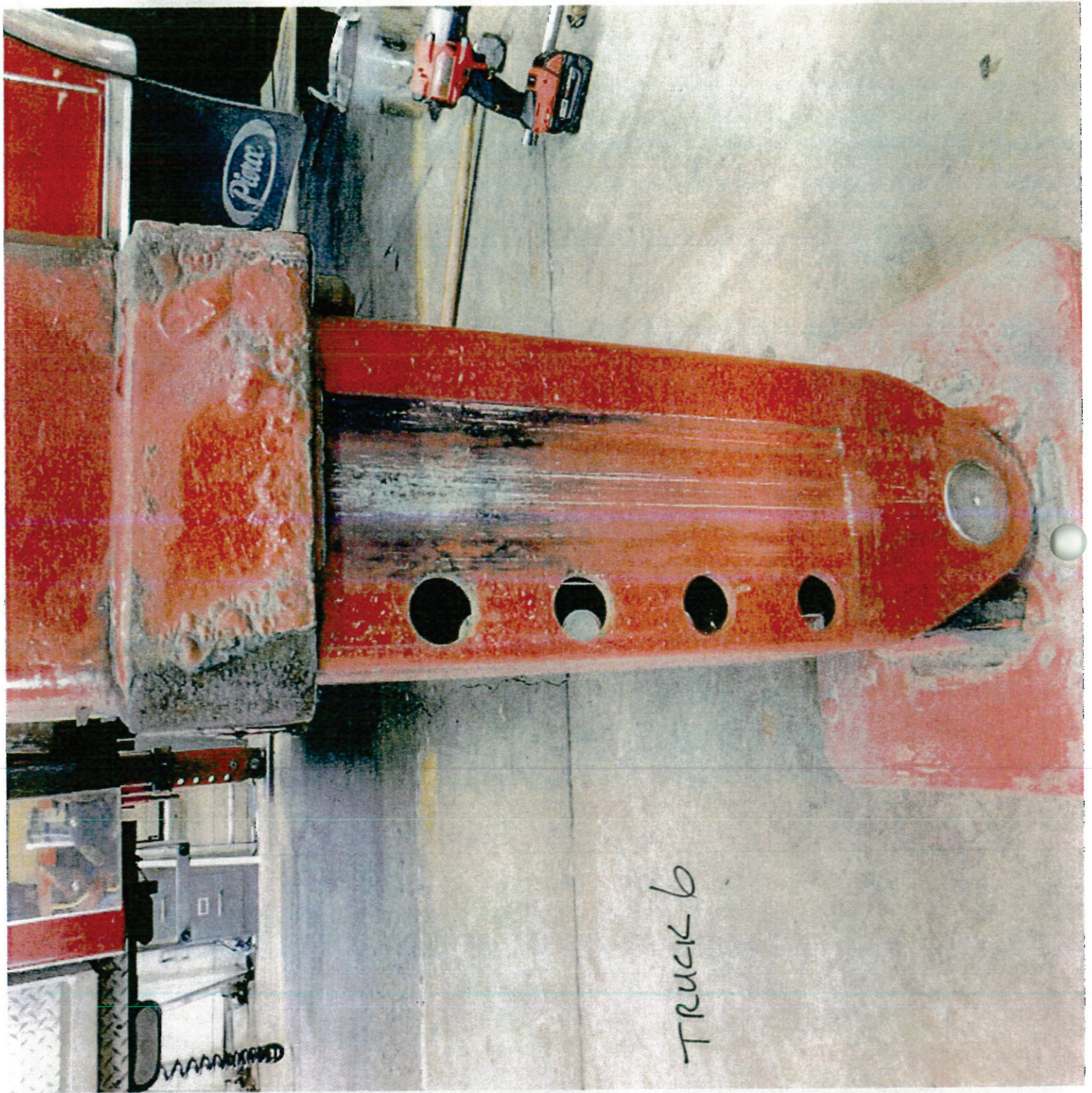


TRUCK 2



Truck 2





Truck

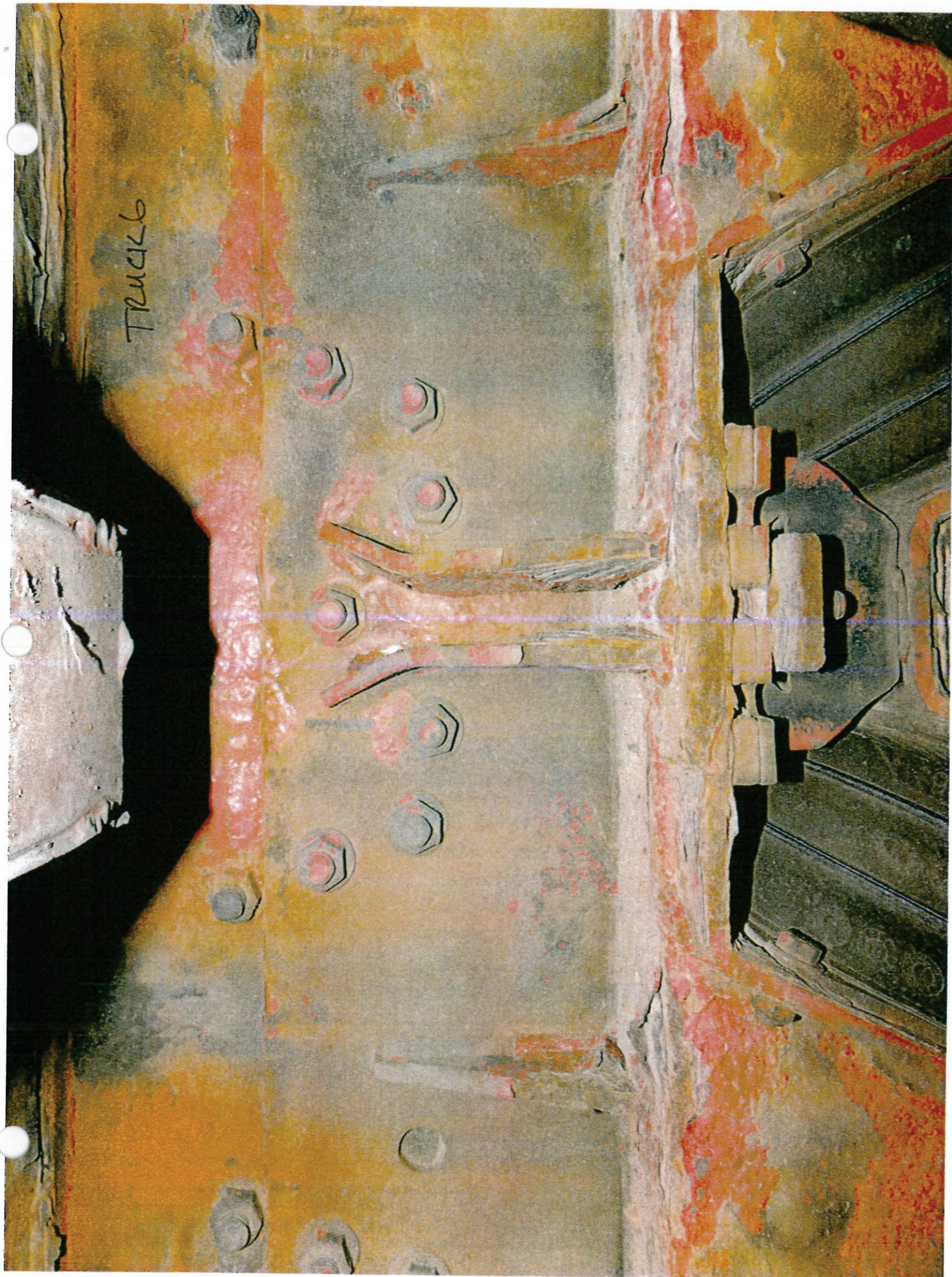
Truck 6



Truck 6



TRUCK 6





Emergency Vehicle Sales

Green Bay Metro Fire Department
501 S Washington St.
Green Bay, WI 54301

August 17, 2022

Chief Litton,

Fire Service, Inc. is proposing one (1) new E-ONE HP100 Heavy Duty Aerial Platform built on a Typhoon Cab/Chassis. In this proposal you will find the specifications (Q117378) the proposed vehicle was built to.

Also included with this proposal is:

- Delivery to Green Bay Metro FD
- Graphics/lettering \$7,000 budget
- Cab Medical Cabinet \$5,000 allowance
- Body Compartment Tray/Shelf \$9,000 allowance
- Ground Ladder & Pike Pole package outlined in the component list
- Loose Equipment and mounting called out in the attached "Dealer Furnished List"
- Pre-build, Mid-point, and Final inspection trips (4 people) to Ocala, FL
- Factory provided training in Green Bay, WI
- Performance Bond

*Allowance dollars to be used to finalize design and content at pre-build. Any unused Allowance dollars will be deducted from the final invoice when the truck is completed.

Quantity: One (1) unit

Sourcewell Cooperative Price: \$1,710,344.00

Price with 100% pre-payment discount: \$1,651,172.00

Quantity: Two (2) or more identical units

Sourcewell Cooperative Price per vehicle: \$1,659,356.00

Price with 100% pre-payment discount: \$1,600,555.00

*Interest Credits are based on today's rates provided by the manufacturer and are subject to change

**Pre-payments are due within 5 business days after order is placed to receive full discount

Taxes:	If Applicable. Customer responsible for all taxes
Freight:	F.O.B. – Fire Service Inc., Lake Mills, WI (Dealership location)
Terms:	Net Due upon Completion and Shipment from REV Manufacturing Facility via Wire Transfer, Corporate or Bank Check
Delivery:	Approx. 780 days from receipt of approved drawings and build sheet
Training:	Three consecutive days of factory training provided at the customer's location

*105 S. Industrial Dr.
Lake Mills, WI 53551*

920-945-0166: Office Phone
920-945-0366: Office Fax

Website: www.fireserviceinc.com
Toll Free: 800-578-4281



Emergency Vehicle Sales

Pricing and terms quoted within this proposal are good until September 28, 2022.

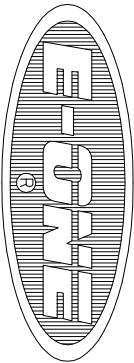
When the upcoming price increase and supplier/fuel/labor surcharges are factored in, this same truck is projected to cost **\$1,825,250.00** after September 28th.

Respectfully,
William J Himstedt
Director of Sales – WI Territory
Fire Service, Inc.

*105 S. Industrial Dr.
Lake Mills, WI 53551*

*920-945-0166: Office Phone
920-945-0366: Office Fax*

*Website: www.fireserviceinc.com
Toll Free: 800-578-4281*



GREEN BAY METRO F.D. GREEN BAY, WI

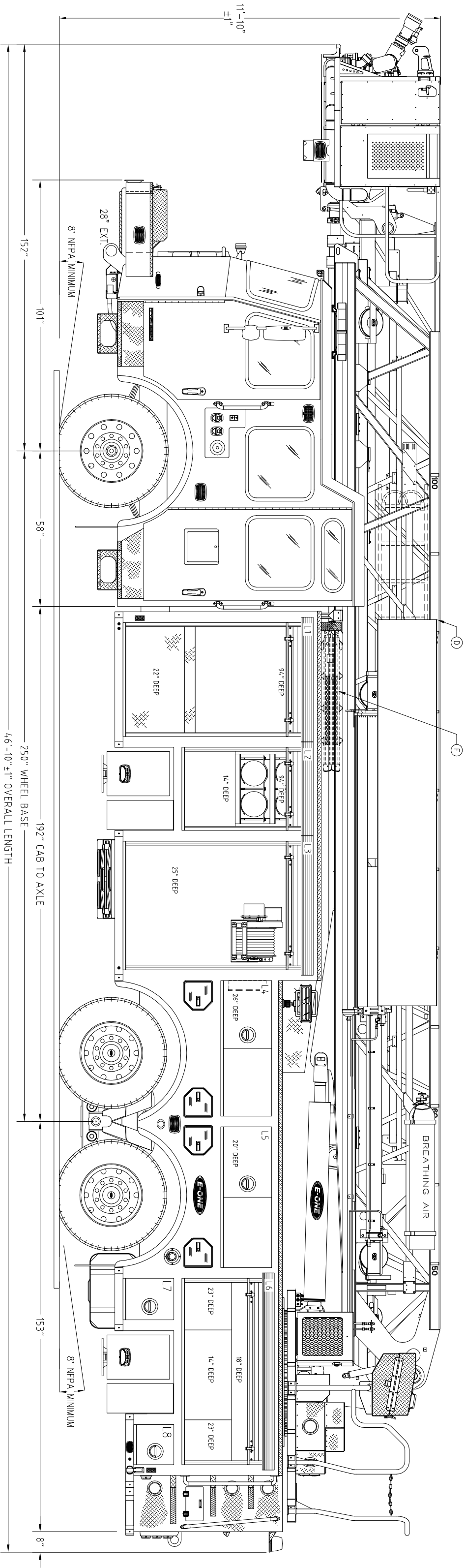
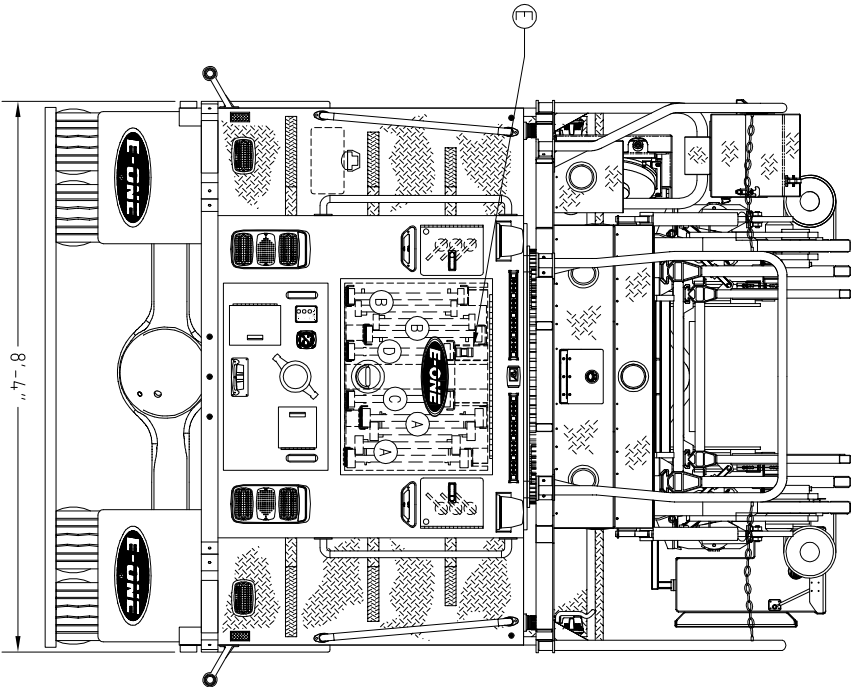
QUOTE 117378

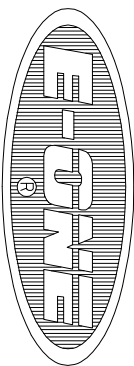
AERIAL BODY W/ SIDE STACKER HOSEBED
E-ONE TYPHOON CHASSIS
HP100 AERIAL

THIS DRAWING IS FOR REFERENCE PURPOSES. ALL DIMENSIONS ARE
SUBJECT TO MINOR VARIATIONS DUE TO MANUFACTURING PROCESSES.

This print is the property of E-ONE, Inc. and is loaned to you
subject to return on demand, unless otherwise agreed to in writing by
E-ONE, Inc. Its contents are confidential and must not be
copied or submitted to third parties for use or examination.

COMP.T.	OPENING	INTERIOR DIMENSION				
L1/R1	40W	60H	42W 42W	46H 22H	94D 22D	UPPER LOWER
L2/R2	29W	38H	31W 31W	28H 19H	26D 14D	UPPER LOWER
L3/R3	46W	60H	48W	69H	NOTED	
L4/R4	50W	18H	50W	18H	26D	
L5/R5	52W	18H	52W	18H	20D	
L6/R6	67W	23H	69W 69W	6H 17H	18D NOTE D	UPPER LOWER
L7/R7	15W	18H	15W	18H	23D	
L8/R8	12W	14H	12W	14H	23D	
GROUND LADDERS						
ITEM	LADDER LENGTH	MODEL NUMBER	QTY			
A	35' 2-SECT.	PEL-35	2			
B	24' 2-SECT.	PEL-24	2			
C	20' ROOF	PRL-20	1			
D	16' ROOF	PRL-16	2			
E	10' FOLDING	FL-10	1			
F	LITTLE GIANT	MODEL 17	1			
			ONE ON AERIAL			



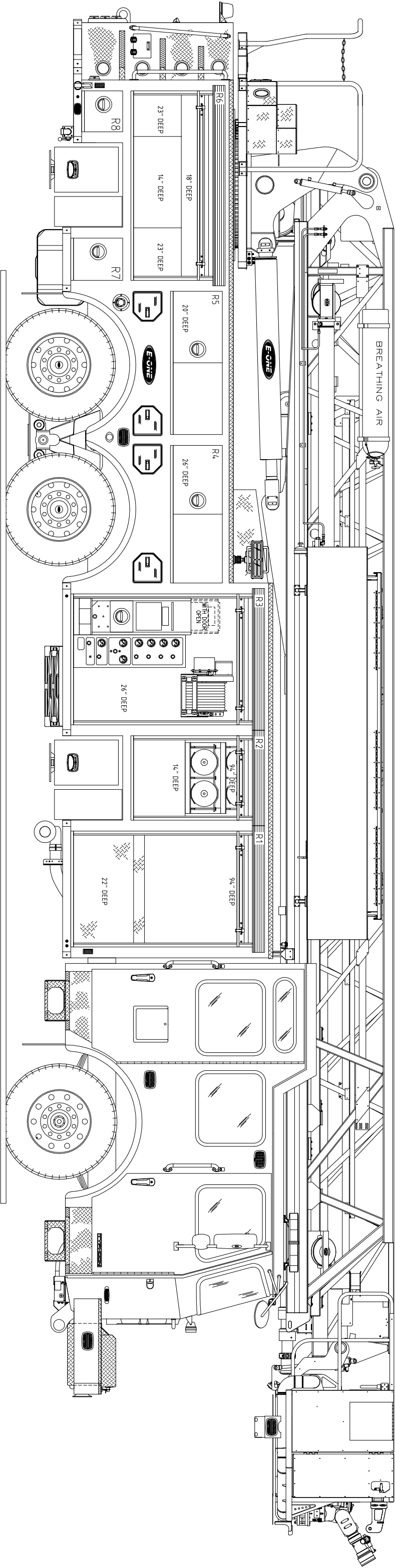
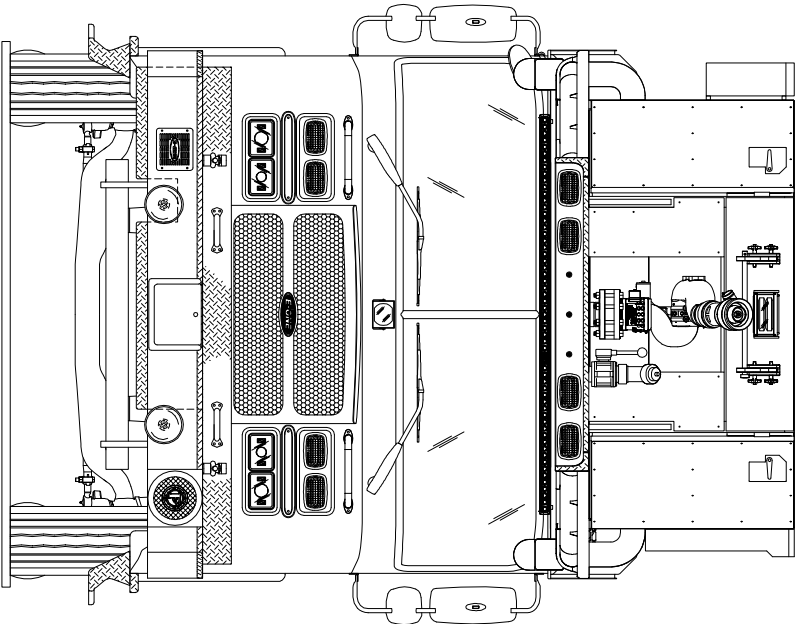


GREEN BAY METRO F.D. GREEN BAY, WI

QUOTE 117378
AERIAL BODY W/ SIDE STACKER HOSEBED
E-ONE TYPHOON CHASSIS
HP100 AERIAL

THIS DRAWING IS FOR REFERENCE PURPOSES. ALL DIMENSIONS ARE
SUBJECT TO MINOR VARIATIONS DUE TO MANUFACTURING PROCESSES.

This print is the property of E-ONE, Inc. and is loaned to you
subject to return on demand, unless otherwise agreed to in writing by
E-ONE, Inc. Its contents are confidential and must not be
copied or submitted to third parties for use or examination.



Dealer furnished list E-ONE Platform Project

- 4 Fire Vulcan LED lights w/12VDC Direct Wire Chargers
- Installation of four (4) Fire Vulcan Lights
- 2.5" ABC Extinguisher w/Bracket
- One (1) David Clark Interface cable #C3821-RD1
- Installation of one (1) David Clark Interface cable
- Cummins Insight Light Software
- Installation of one (1) customer furnished radio and two (2) speakers.
Antenna installed by E-ONE
- One (1) air inlet connector for E-ONE option #1110-0201
- Provide and ship Sierra 6001129 antenna to E-ONE to install/mount



Fire Apparatus Quotation for: GREEN BAY METRO FIRE DEPT



Quotation Number: 117378 Rev: 67

Unit Description: AERM-TYPN-100P

Quote Description: Aerial, Rear Mount, Aluminum, Typhoon, HP 100 Platform

Salesperson: BHIMSTEDT

Salescode	Extended Description	Qty	
TESTING COMPLIANCE STANDARD			
1001-0065	The E-ONE supplied components of the vehicle shall meet the requirements of NFPA 1901, 2016 edition.	1	
3090-0002	OAH. Unit has no overall height restrictions.	1	
3090-0004	OAL. Unit has no overall length restrictions.	1	
3340-1137-12C	Equipment allowance on the apparatus shall be 2500 lbs. This allowance is in addition to the weight of the hoses and ground ladders listed in the shop order as applicable.	1	
CHASSIS PREP			
1020-0053	Gates Green Stripe hose IPOS (silicone hose) shall be used for coolant applications throughout the cab and chassis, where available.	1	
BUMPERS			
1160-0016	28" Front Bumper Gravel Shield Extension.	1	
1160-0021	Number plate, removable size to fit between air horns on front bumper. Spaced out from face of bumper so plate can be removed. Number plate and brackets to be painted job color.	1	
1160-0222	3/16" diamond plate Front Bumper Gravel Shield for heavy duty bumper. Includes 1" turn down around perimeter of HD bumper and over Q2B or speaker notch if applicable.	1	
1160-0258	Front frame extensions to be drop style IPOS. No tow eyes unless otherwise specified.	1	
1160-0289	Front bumper gravel shield made from embossed diamond plate IPOS. Includes tray lids if equipped.	1	
1160-0345	Heavy duty, formed, 10" front bumper with full wrap around. Corners to be tapered for an 8.5" wide mounting area. Includes support wings for outboard sides (as applicable). To be painted as specified.	1	

Salescode	Extended Description	Qty	
BUMPERS			
1160-0347-198	Bumper to have a 5.625" deep x 10.5" wide notch for recessed mechanical siren. Location: driver's side	1	
BUMPER TRAYS			
1150-0329	Raised diamond plate lid with dual chrome grab handles, rubber hood latches and gas shocks. The lid shall be full width (as applicable based on outboard options) and high enough to accomodate reels, rescue tools and equipment as applicable per customer specific requirements.	1	
1150-0411	Bumper tray with floor/bottom slotted to allow drainage (no slats) extending 2/3 from officer's side of the bumper to center as applicable based on outboard options. Includes notched frame extensions to provide as much depth directly above the extensions as possible based on options.. Both trays to be 12" deep.	1	
FRAME ASSEMBLY			
1250-0078	Zinc flame spray coating for integral torque box chassis.	1	
1250-0092	GEOMET coated frame assembly fasteners.	1	
1250-0098	Frame - Torque box for HP 100 platform (100KSI).	1	
AXLE OPTIONS			
1025-0023	Meritor RT-50-160 rear tandem axle 54,000 lb. capacity.	1	
1025-0027	Driver controlled rear differential.	1	
1025-0028	Koni shock absorbers for front axle - adjustable.	1	
1025-0030	Stemco oil seal front axle. Chicago Rawhide seal with Stemco sight glass will be supplied when front disc brakes are selected.	1	
1025-0158	Stemco sight glass guards.	1	
1025-0171	Dana D-2200W 24,000 lb. front axle. Includes maintenance free bushings. For use with disc brakes only.	1	
SUSPENSIONS			
1070-0015	Ridewell Dynalastic rear suspension (48-54K) rated equal to the capacity of the axles.	1	
WHEEL OPTIONS			
1050-0001	Alcoa aluminum wheels for front axle (2).	1	
1050-0005	Alcoa aluminum wheels for rear axles (8).	1	
1050-0123	Front axle wheel trim kit - black (for use with Dura-Black wheels). Includes stainless steel lug nut covers, trim ring and center cap with E-ONE logo. Note: Center cap will have an inspection port IPO a logo if equipped with Stemco oil	1	

Salescode	Extended Description	Qty	
WHEEL OPTIONS			
	seals.		
1050-0125	Rear axle (tandem) wheel trim kit - black (for use with Dura-Black wheels). Includes stainless steel lug nut covers, trim ring and center cap with E-ONE logo.	1	
1050-0126	Alcoa front wheels (2) to be Dura-black IPOS finish (w/o center cap). Available with 941/943 and MFS axle up to 21.5K, DANA up to 24K and Reyco IFS. Cannot be used with 445 tires due to max rim width of 12.5".	1	
1050-0128	Alcoa wheels (8) for tandem rear axle to be Dura-black IPOS finish (w/o center cap).	1	
TIRE OPTIONS			
1060-0043	Two Michelin 425 tires model XZY3 for front axle.	1	
1060-0085	Eight Michelin 12R rear tires with Mud and Snow XDS tread	1	
1060-0113	Intermittent service tire rating.	1	
1060-0145	PressurePro tire pressure monitoring system for tandem rear axle units. Includes display through multiplex system in cab and programming display kit (programming display kit shipped loose).	1	
1060-0189	Tire balancing beads for front and tandem rear axle(s) tires.	1	
BRAKE SYSTEMS			
1100-0004	Meritor EX225H 17" disc brakes for rear axles, maximum capacity 54,000 lbs.	1	
1100-0007	Parking brake release mounted center of the engine cover.	1	
1100-0008	Brake system air 6X4/6X6.	1	
1100-0023	Stainless steel park brake release guard.	1	
1100-0026	G4 Electronic Stability Control (6x4), Includes RSC and ATC. Not available on 6x6 or commercial chassis.	1	
1100-0031	Dana/Bendix ADB22X 17" disc brakes for front axle.	1	
1100-0059	Stainless steel u-bolt design park brake release guard.	1	
1100-0069-3RK	The parking brake shall be located: engine cover, offset towards driver IPOS.	1	
AIR SYSTEM OPTIONS			
1110-0000-179	Inlet for air system. Location: outside driver's door next to handrail.	1	
1110-0003	Air dryer System Saver 1200.	1	
1110-0004	Air tank drains w/pull cords.	1	
1110-0006	Air lines nylon.	1	
1110-0026	Air horns Hadley e-tone recessed in bumper (PR).	1	

Salescode	Extended Description	Qty	
AIR SYSTEM OPTIONS			
1110-0027	Isolated air tank. Includes pressure protection valve.	1	
1110-0043	Auxiliary air tank to be plumbed to the following optional accessories (if equipped): Chassis air horns, brake system air outlet, air reel, light tower, air primer, air operated devices and or customer/dealer installed pneumatic add-on(s).	1	
1110-0096	Stainless steel mounting straps for air tank.	4	
1110-0201	Inlet for air system to be an ARO type "B".	1	
ENGINES & TRANSMISSIONS			
1200-0017	Push-button transmission shift selector.	1	
1200-0021	TranSynd, Shell Spirax S6ATF A295, or equivalent synthetic transmission fluid for EVS4000 series.	1	
1200-0096	Electronic speed limiting set at 60 MPH. Note: Axle gear ratio will be as low as possible while allowing for 60 MPH top speed to improve acceleration.	1	
1200-0422	Eng/Trans Cummins X12 500HP with EVS4000 transmission. 2021 EPA Compliant.	1	
SECONDARY BRAKING			
1125-0002	Jacobs engine compression brake.	1	
1125-0023	Transmission to seek second gear when Jacobs engine brake or Telma retarder is engaged. N/A with Trans retarder.	1	
EXHAUST OPTIONS			
1225-0008	Wrap exhaust with heat tape from the turbo down to the flex pipe. Inspect after install for tears in material. Wrap outside with wire mesh to ensure material remains affixed.	1	
1225-0024	Plymovent Grabber magnetic exhaust end. Bolt-on for exhaust extraction system.	1	
COOLING PACKAGE			
1800-0013	Cooling system for use with Typhoon, Cyclone and Quest chassis. For use with 2010 - 2021 EPA engines. Includes coolant recovery system.	1	
FUEL SYSTEMS			
1350-0001	Dual fuel fill package. Additional fuel fill provided on officer side of unit.	1	
1350-0022	Fuel line hose rubber.	1	
1350-0037	Fuel system w/65 gallon stainless steel tank.	1	
ALTERNATOR			

Salescode	Extended Description	Qty	
ALTERNATOR			
1700-0012	Alternator Niehoff 430 amp (430 Amp SAE/380 NFPA rating). Available on Cummins ISX12 / X12 only.	1	
BATTERIES			
1400-0032	Battery five group 31 1000 CCA (two left / three right). For use with below cab DEF tank only.	1	
1400-0061	Stainless steel picture frame hold down battery brackets and all prevalent hardware. Allows for batteries to be serviced without removing cover.	1	
1400-0099	Stainless steel battery trays and stainless steel covers. Trays and covers to be made of 3/16" thick material. Includes stainless steel quick release type latches.	1	
CHASSIS OPTIONS			
1680-0005	Thermatic fan clutch.	1	
1680-0007	Drivelines 1810. Required on 1550 lb/ft torque or greater engines. N/A with EVS3000 transmission.	1	
1680-0012	Tow eyes rear frame painted black.	1	
1680-0017	Hot shift PTO.	1	
1680-0188	Aerial hydraulics installed on bottom port of EVS4000/4500 transmission (to allow for flat rear cab floor).	1	
1680-0250-M58	Diesel Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab.	1	
1680-0284	Radiator mounted power steering cooler.	1	
1680-0376	Steel tow/lift bar located below front of cab mounted to chassis frame, galvanized and painted black to match the frame and extensions.	1	
CAB MODEL			
1520-0219	Typhoon medium cab with radial wipers (58" CA).	1	
CAB ROOF TYPE			
1615-0023	Cab roof to have 12" high split raised rear section with full length center waterway trough. Inboard vertical surfaces tapered outward for use with HP100 Platform.	1	
CAB BADGE PACKAGE			
1610-0000	Cab and body to have applicable E-ONE logos.	1	
CAB DOOR OPTIONS			
1550-0003	Rear crew cab doors in the medium position.	1	
1550-0083	All cab exterior entry doors to have CH751 keyed locks.	1	

Salescode	Extended Description	Qty	
CAB DOOR OPTIONS			
1550-0160	Cab door locks - electric. Includes (2) remote key fobs, barrel style key lock on exterior of each door and manual interior lock on each door.	1	
1550-0179-000-J7	Red/Fluorescent Yellow Green Reflexite V98 chevron "A" stripe on lower cab door panel approx 18" high. Stainless steel/painted door panels only. E-ONE cabs only.	1	
1550-0180	Cab door panels stainless steel. Includes upper and lower panels with seam below handrail.	1	
1550-0194	Cab door window trim mechanically fastened in place of standard.	1	
1550-0285	Driver and officer door windows to be power actuated with HD regulators. Switches to be located at center dash. For use with new Typhoon and 100" wide Cyclone cabs.	1	
1550-0286	Rear crew cab door windows to be power actuated with HD regulators. Switches to be located on each door with add'l switches accesible by driver. For use with new Typhoon and 100" wide Cyclone cabs.	1	
1550-0287	Cab doors to be barrier style. For use with new Typhoon cab and 100" wide Cyclone only.	1	
1550-0377	All cab doors shall have exterior pull style handles with integral key lock (glass reinforced nylon).	1	
CAB STEP OPTIONS			
1640-0045-158	Step below cab door. Open back style with angled corners. Located driver's front door. Steps under front cab doors shall not interfere with approach angle.	1	
1640-0045-159	Step below cab door. Open back style with angled corners. Located officer's front door. Steps under front cab doors shall not interfere with approach angle.	1	
1640-0045-160	Step below cab door. Open back style with angled corners. Located driver side rear door. Steps under front cab doors shall not interfere with approach angle.	1	
1640-0045-161	Step below cab door. Open back style with angled corners. Located officer side rear door. Steps under front cab doors shall not interfere with approach angle.	1	
1640-0047	Lower steps to extend 3.5" past cab. For use with legacy Typhoon / Cyclone with barrier style doors and 2019 Typhoon / 100" wide Cyclone with barrier style or extended doors.	1	
MIRRORS			
1670-0038	Lang Mekra mirrors w/LED marker lights and turn signals. Door mounted west coast style with convex, remote control and heat.	1	
1670-0059	Retrac Mirror stainless steel 10" 3-arm convex above officer side cab brow, 3 piece adjustable telescoping arm. Head #604953, Arm assy#604671	1	
MISC EXTERIOR CAB OPTIONS			
1550-0020	Windows cab side fixed driver's side.	1	

Salescode	Extended Description	Qty	
MISC EXTERIOR CAB OPTIONS			
1550-0033	Windows cab side fixed officer's side.	1	
1675-0030	Mud flaps, front, black with E-ONE logo.	1	
1675-0047	Rear cab wall to be 3/16" aluminum diamond plate.	1	
1675-0201	Large radius cab wheel well. Includes bolt-on adjustable wheel well trim.	1	
1675-0214	Rubber fenderettes in place of standard fender.	1	
1675-0229	Pair of one piece knurled stainless steel 18" handrails located just behind driver and officer front door one each side.	1	
1675-0269	Pair of one piece knurled stainless steel 18" handrails located just behind driver and officer rear door one each side.	1	
1675-0272	Fluid capacity tag to include fluid brand.	1	
1675-0289	Mounting plate for battery charger receptacle, indicator and air inlet (if applicable). Plate to be removable aluminum smooth plate painted job color (two-tone if applicable).	1	
1675-0296	Fluid capacity tag to include filter model numbers for engine oil, transmission, fuel, air, hydraulic, A/C capacity, and coolant. Tire front/rear size and pressure to be included on tag. Include engine belt number(s) and engine serial number on plate.	1	
1675-0451	Handrails one piece knurled stainless steel 12" pair, located on the front face of cab, driver and officer side just below the wipers and above the headlight/warning lights. Aid for ascending bumper. Requires 1160-0289 embossed diamond plate upgrade for extended bumper (embossed not required if coated with LINE-X / Scorpion). This option is only for use with Typhoon and 100" wide Cyclone cabs with radial wipers.	1	
1675-0476-053	Removable number plate with mounting brackets. Locate driver side rear crew cab door. Plate to be painted job color. Lettering and/or graphics not included.	1	
1675-0476-054	Removable number plate with mounting brackets. Locate officer side rear crew cab door. Plate to be painted job color. Lettering and/or graphics not included.	1	
1685-0705	Coat hook(s), stainless steel Brey-Krause VS-1030-BS, shall be provided on the cab. Location: mounted with the upper mount of the cab handrail. (EA) For one piece hand rails only.	4	
HVAC			
1515-0053	Controls for heating and air conditioning shall be located in the center dash area. (Lower area on Typhoon and Cyclone with severe duty dash)	1	
1515-0099	Air conditioning with radiator mounted condenser for use with Cummins L9 and X12 engine. Includes reduced profile evaporator w/powder coated cover and electronic controls.	1	

Salescode	Extended Description	Qty	
HVAC			
1685-0057	Heaters cab rear with covers (PR), and front heater with heat to the feet for the driver and officer.	1	
SEATS			
1510-0203-147	Bracket SCBA IMMI SmartDock Gen2 restraint system. Location: officer's seat.	1	
1510-0203-148	Bracket SCBA IMMI SmartDock Gen2 restraint system. Location: rear facing driver's side.	1	
1510-0203-215	Bracket SCBA IMMI SmartDock Gen2 restraint system. Location: rear facing officer's side.	1	
1510-0301	Seats, Valor brand.	1	
1510-0302	Seat cover material Valor Tech XD (previously identified as Cordura).	1	
1510-0308	Rear facing USSC Valor ABTS seat with SCBA driver's side.	1	
1510-0309	Rear facing USSC Valor ABTS seat with SCBA officer's side.	1	
1510-0340	Officer seat USSC Valor ABTS fixed SCBA.	1	
1510-0474	Driver seat USSC Valor P1A air ride ABTS.	1	
1510-0543	Seat color gray with red stitching.	1	
1685-0031	Seating capacity tag of four occupants.	1	
MEDICAL CABINETS			
1535-0202	Cab medical/storage cabinet(s) finish to be Zolatone gray. Includes interior/exterior of cabinet and shelves/trays if equipped.	1	
1535-1113	Rear cab wall riser mounted medical cabinet with side access. Cabinet to be full height x 40" wide x 20" deep with 3 adjustable shelves. Includes 24" riser under cabinet with side openings as large as possible with 1" lip on bottom of openings. Black cargo net covers shall be provided over all 4 openings.	1	
MAP BOXES			
1540-0013	All map boxes in the cab to be painted Zolatone gray.	1	
1540-0175	Map box suspended with drop down door. 34"W x 6"H x 13.5"D. Includes full width shelf and vertical divider creating 4 separate storage spaces. Map box to be mounted on an angle to allow the rear edge to be supported by the engine cover.	1	
MISC INTERIOR CAB OPTIONS			
1685-0006	Padded sun visors, driver and officer's side overhead.	1	
1685-0008	Control lanyard Y type for air horns.	1	
1685-0112	Integrated Roll Sensor (IRS) for RollTek air bag system.	1	

Salescode	Extended Description	Qty	
MISC INTERIOR CAB OPTIONS			
1685-0113	Integrated roll sensor slave module for RollTek air bag system.	1	
1685-0115	Integrated Belt Pretensioner (IBP) for RollTek air bag system.	4	
1685-0187	Severe duty engine cover, molded polyurethane.	1	
1685-0239	Cab floor to be overlayed with 1/8" embossed aluminum diamond plate; front and rear. Single piece with no gaps around perimeter and silicone all seams as in around seat bases/cabinets.	1	
1685-0285	Cup holder / tray for engine cover painted to match cab interior. Approx 14" wide x 10" long with tapered front corners and cup holders at each rear corner. For use in Typhoon and CII with severe duty engine cover.	1	
1685-0291	4Front air bag system with steering wheel bag, driver knee bag and officer knee bag. Requires RollTek option.	1	
1685-0365	Air ride seat pull down (S4) for RollTek air bag system.	1	
1685-0366	Side Rollover Airbag (SRA) for RollTek air bag system.	4	
1685-0446	Severe duty overhead console. Includes driver, center and officer overhead ahead of air conditioning plenum. Center overhead includes siren mounting locations. Overhead to match cab interior.	1	
1685-0532	Stepped profile rear engine cover.	1	
1685-0645	KNOX-BOX KeySecure model KS5-KSM-200K1. Includes E-ONE installed battery hot 12v power supply. Location: TBD by customer. Requires dept to purchase software package from KNOX-BOX (if they do not already have it).	1	
1685-0669	Severe duty dash package with low profile center section. Cast alum construction. Includes smooth plate alum lower kick panels; all painted to match cab interior.	1	
1685-0692	Cab insulation package. Includes insulation for ceiling, front wall, rear wall, side walls, below seat risers and in doors.	1	
1685-0780	Hand grabs at front door entry points to be shortened IPO standard for mounting 8 in. wind shield fans to severe duty overhead console on T-19 and C-20 cabs.	1	
1685-0891	Cab interior padding to be gray.	1	
CAB ELECTRICAL OPTIONS			
1750-0010	Radio speakers additional pair. Locate each side rear cab ceiling.	1	
1750-0015-034	Windshield fans 8" pair. Location: front cab corners.	1	
1750-0031	Switch horn button two position DOT/Q2B.	1	
1750-0046-195	Cab Headlights. Position: lower.	1	
1750-0059-179-02	Receptacle inlet 20 amp with a Red cover. Location: outside driver's door next to handrail.	1	

Salescode	Extended Description	Qty	
CAB ELECTRICAL OPTIONS			
1750-0059-179-04	Receptacle inlet 20 amp with a Yellow cover. Location: outside driver's door next to handrail.	1	
1750-0071-585	Mount customer supplied antenna on cab roof. Location: driver side forward with coaxial cable terminating at the center of the dash board. Note: New antenna with original packaging only, used antenna not acceptable.	1	
1750-0072-592	12 VDC (or 24VDC) electrical outlet wired battery hot. Location: driver side dash.	2	
1750-0072-593	12 VDC (or 24VDC) electrical outlet wired battery hot. Location: officer side dash.	2	
1750-0073-585	Antenna base Tessco P/N 90942 (NMO Motorola Style - also called MATM style) on cab roof. Location: driver side forward with coaxial cable terminating at the center of the dash board.	1	
1750-0073-586	Antenna base Tessco P/N 90942 (NMO Motorola Style - also called MATM style) on cab roof. Location: driver side rearward with coaxial cable terminating at the center of the dash board.	1	
1750-0075	English dominant main cab gauge cluster.	1	
1750-0166	ATC override switch.	1	
1750-0198-A31	Battery charger to be located behind driver's seat.	1	
1750-0199-762	Air compressor to be located behind officer's seat.	1	
1750-0265	Speedometer for officer side multiplex display.	1	
1750-0267	Battery charger Kussmaul 4000, 45 amp with air compressor.	1	
1750-0423-2GB	Programming instructions for auxiliary switch 1 on steering wheel switch pod. Switch function: driver side 12V cab/body flood light(s).	1	
1750-0424-09X	Programming instructions for auxiliary switch 2 on steering wheel switch pod. Switch function: Front brow light(s). (Requires relay option if lights are not 12v).	1	
1750-0425-2GA	Programming instructions for auxiliary switch 3 on steering wheel switch pod. Switch function: officer side 12V cab/body flood light(s).	1	
1750-0449	Momentary DPF regeneration override switch.	1	
1750-0450	Steering wheel with switch pods IPOS. Includes wiper functions, master warning sw, air horn sw, aux brake on/off and (3) aux switches. Required with Typhoon and Cyclone equipped with 4Front and all Quest. (Requires seperate programming options to activate aux switches)	1	
1750-0482	Control push-button switch officer switch panel for Q2B siren.	1	
1750-0483	Control push-button switch on officer's switch panel for Q2B siren brake.	1	
1750-0663	JW Speaker LED cab headlights. Model 8800 Evolution 2, heated.	1	
1750-0768	TecNiq D07 LED cab door step area lighting. Includes (2) lights at each door area. Lights to be switched with door ajar.	1	

Salescode	Extended Description	Qty	
CAB ELECTRICAL OPTIONS			
1750-0796	Turn signal TecNiq LED strip (PR) with clear lense and polished alum housing located between quad headlight bezels (New Typhoon and 100" wide Cyclone only).	1	
1750-0815-846	Radio Aptiv model PP105221 heavy duty AM/FM/Weatherband with Bluetooth, aux input, and USB port. Located center overhead console offset to driver side. Includes speakers adjacent to driver and officer seats and remote Bluetooth microphone P6604240.	1	
1750-0934	Dome Lts Red/White LED. Package includes two lights mounted in the front and two mounted in the rear of the cab. Red light wired through door and light assembly switch. White light through light assembly switch. Lights to have black bezels.	1	
1750-0952	Customer supplied cable. Route customer supplied cable (must be new cable, used cables will not be accepted) leaving a service loop at each end. Terminating locations, cable type, and service loop size to be as specified by Sales. Quantity is per cable to be installed.	1	
1750-0963	Kussmaul E-ONE style LED battery charger display. Mount adjacent to the shoreline receptacle, IPOS.	1	
AERIAL BODY			
3060-0012	Body aerial HP100 Platform without pump (192" C/A) (250" WB medium cab / 260" WB long cab). Includes extended height front side compartments, combined rear side compartments, dual 18" wide rear side staircases with pocket style drop down step and 34" wide ladder tunnel.	1	
AERIAL BODY MODIFIERS			
3065-0007	Body modification - Driver and officer side rear of body to have 45 degree corner steps IPO standard turntable access.	1	
3065-0009	Body modification - Raise the rear perimeter aft of rear jack legs 4" for improved angle of departure. Reduces height of rear side compartments and may eliminate the small lower storage area with combined rear side compartment option.	1	
3065-0033	Body modification - Modify compartment to create a transverse storage area above the forward outriggers. This modification affects compartment dimensions in specs. See layout for compartment dimensions.	1	
3065-0034	Body modification - Modify upper deck to create a hinged access door to the transverse compartment.	1	
BODY COMPT REAR			
3110-0360	Rear of body to have un-painted smooth plate overlay style body panels to	1	

Salescode	Extended Description	Qty	
BODY COMPT REAR			
	facilitate rear body striping.		
AERIAL BODY OPTIONS			
3310-0032	Recessed tubes for (6) pike poles. Not available on HP75 SideStacker.	1	
3310-0070	Rear ladder tunnel door with 1/4-turn D-ring latch. Lift-up door to open 20 degrees past horizontal (degrees may be reduced due to other options). Door will match rear body finish.	1	
3310-0075	Upper dunnage area extension 34 x 58 diamond plate.	1	
3310-0096	Doors for rear master and jack control controls. Doors will match rear body finish.	1	
3310-0226	Jack leg opening covers smooth plate painted job color (4) sets. Includes painted plate outrigger covers and fixed painted plate filler panels. HM100/HR100/110 requires surface mount warning lights.	1	
3310-0312	Auxiliary jack pad 28X28 (4) with 20 degree formed handle. Includes (2) double mounting brackets.	1	
DOORS			
3300-0195-003	Door roll up tall (greater than 45") with painted finish Amdor. Location(s):L1.	1	
3300-0195-004	Door roll up tall (greater than 45") with painted finish Amdor. Location(s):L2.	1	
3300-0195-005	Door roll up tall (greater than 45") with painted finish Amdor. Location(s):L3.	1	
3300-0195-015	Door roll up tall (greater than 45") with painted finish Amdor. Location(s):R1.	1	
3300-0195-016	Door roll up tall (greater than 45") with painted finish Amdor. Location(s):R2.	1	
3300-0195-017	Door roll up tall (greater than 45") with painted finish Amdor. Location(s):R3.	1	
3300-0197-008	Door roll up short (up to 45") with painted finish Amdor. Location(s): L6.	1	
3300-0197-020	Door roll up short (up to 45") with painted finish Amdor. Location(s): R6.	1	
3300-0289-006	Door double vertical hinged w/rotary latches - painted . Location(s): L4 Includes latch handle extension installed on secondary door's interior latch with "PULL" tags using .125 plate.	1	
3300-0289-007	Door double vertical hinged w/rotary latches - painted . Location(s): L5 Includes latch handle extension installed on secondary door's interior latch with "PULL" tags using .125 plate.	1	
3300-0289-018	Door double vertical hinged w/rotary latches - painted . Location(s): R4 Includes latch handle extension installed on secondary door's interior latch with "PULL" tags using .125 plate.	1	
3300-0289-019	Door double vertical hinged w/rotary latches - painted . Location(s): R5 Includes latch handle extension installed on secondary door's interior latch with "PULL"	1	

Salescode	Extended Description	Qty	
DOORS			
	tags using .125 plate.		
3300-0310-003	Drip pan for a Amdor roll-up door (EA). Location(s): L1.	1	
3300-0310-004	Drip pan for a Amdor roll-up door (EA). Location(s): L2.	1	
3300-0310-005	Drip pan for a Amdor roll-up door (EA). Location(s): L3.	1	
3300-0310-008	Drip pan for a Amdor roll-up door (EA). Location(s): L6.	1	
3300-0310-015	Drip pan for a Amdor roll-up door (EA). Location(s): R1.	1	
3300-0310-016	Drip pan for a Amdor roll-up door (EA). Location(s): R2.	1	
3300-0310-017	Drip pan for a Amdor roll-up door (EA). Location(s): R3.	1	
3300-0310-020	Drip pan for a Amdor roll-up door (EA). Location(s): R6.	1	
3300-0353-009	Door single vertical hinged painted (small). For use on openings up to 450 sq in only. Location(s): L7	1	
3300-0353-021	Door single vertical hinged painted (small). For use on openings up to 450 sq in only. Location(s): R7	1	
3300-0353-022	Door single vertical hinged painted (small). For use on openings up to 450 sq in only. Location(s): R8	1	
3300-0368	Pull-down bungee type straps for full height and high side roll-up door(s) on body / pump module. For use with ROM and AMDOR doors only.	1	
SHELVES			
3370-0245	Permanent fixed shelf. Aluminum or stainless steel body applications. Location:	8	TBD
3370-0247	Tracks for adjustable shelf and/or adjustable tray in a compartment. Location:	14	Each compt
TRAYS / TOOLBOARDS			
3380-0498	Tray, floor mounted roll-out with gas spring. 500 lbs. capacity. Location:	4	TBD
LADDER STORAGE / RACKS			
3340-0111-701	Horizontal ladder bracket. Location and type of ladder: over L1 for Little Giant model 17.	1	
3365-0076-5SH	Center mounted ladder tunnel for HP100 and HPS100 Platforms. Note: 1" aerial raise required with 30' and larger 3-section ladder in tunnel. Rack to hold: (2)PEL-35, (2)PEL-24, PRL-20, PRL-16 and FL-10 (with rubber block feet and no handles).	1	
HANDRAILS / STEPS			
3330-0340	Handrail upgrade for pump enclosure (as applicable) and rear body handrails (excludes chrome grab handles if equipped) replaced with Brey-Krause Mfg. Co. one piece knurled SS IPOS.	1	

Salescode	Extended Description	Qty	
MISC BODY OPTIONS			
3340-0059	Recessed fuel fills for dual fuel fill application, (1) each side in rear wheel wells.	1	
3340-0090-000-13	Turtle Tile Brand Black Floor Matting covering all applicable Compartment Floors, Shelves, and Rollout Trays. Does not include roof top compartments (Added separately)	1	
3340-0093	Mud flaps, rear, black with E-ONE logo.	1	
3340-0282-O42	Cab tilt switch and manual jack to be located: right side forward jack leg compartment low behind door in access panel (tilt sw low on frt wall).	1	
3340-0478	Insulation shall be installed behind and / or below the body to protect the compartment(s) from excessive exhaust system heat.	1	
3340-0895	Smooth plate tandem axle wheel well painted job color. Includes bolt-on composite wheel well liners and bolt-on polished alum fenderettes. Wheel well plates to be flush mounted.	1	
3340-1648	Anodized aluminum trim on bottom edge of all body compartment openings including pump enclosure if applicable with painted edges.	1	
3340-1719	Rubrails constructed of 3" x 2" Black U.H.M.W. polyethylene bolted to the lower exterior edge of the apparatus. Includes pump module sides, body sides and rear body/tailboard as applicable. Rubrails shall be mitered 45 degrees at leading and trailing end and notched for lighting and other rubrail mounted options. Includes strip of embossed diamond plate on top surface of rubrail in stepping areas (finish to match stepping surface).	1	
3340-2403	Louvered vent filters. All compartments with have removable dust filters provided for the vents.	1	
CASCADE SYSTEM/FILL STATIONS			
3315-0053-651	4-Bottle DOT 6000 PSI breathing air cascade system with air panel, bottle rack and all associated air lines, valves and gauges. Rack and bottles to be located floor of L2/R2 transverse.	1	
3315-0055-017	SpaceSaver M2792M two (2) bottle vertical fill station. Fill station to be located in R3.	1	
SCBA BOTTLE STORAGE			
3320-0009	SCBA Bottle Storage. (8) Cast Product SCBA bottle storage with gasketed doors. (4) each side in rear wheel well area.	1	
3320-0100	Strap, loop style to retain SCBA bottle(s). Locate one per bottle in each exterior body storage compartment.	1	
ELECTRICAL SYSTEMS			
5010-0039	V-MUX Electrical system for aerals.	1	

Salescode	Extended Description	Qty	
ELECTRICAL SYSTEMS			
5010-0049	Vehicle data recorder - 2009 / 2016 NFPA compliant. Includes occupant detection shown in multiplex display. E-ONE chassis only.	1	
5010-0055-168	Vista IV display for V-MUX electrical system. Location: officer's side engine cover.	1	
5010-0055-649	Vista IV display for V-MUX electrical system. Location: driver's side engine cover.	1	
5010-0094	Nanoprotech corrosion inhibiting spray coating to be applied on all exposed electrical connections.	1	
LIGHT BARS			
5300-0506-000-4T	Front light bar LED color: RED with CLEAR lenses (If applicable, includes side facing when colors are the same.)	1	
5300-0512	Cab light bar layout per customer specific requirements.	1	
5300-0515	Whelen MKEZ7 1.5" standard mount for mini front light bars (4).	1	
5300-0686	Light bar Whelen Mini-Freedom IV model F4RB 23" with 4 Rota-beams and 1 LED module (PR). For use on rear mount platforms with supplemental upper level Zone A warning lights. Locate one each side front cab corners side facing.	1	
WARNING LIGHTS			
5600-0105-170	Hazard (door ajar) light 2" LED. Location: center overhead.	1	
5600-0251	GTT/3M Opticom GPS vehicle system kit. Includes antenna, radio and control unit. Wired through park brake. Includes High Priority Radio/GPS control. Requires GPS traffic light receivers (customer installed) or 794H Opticom.	1	
5600-0286-463	Warning light Whelen M6RC series Super LED (PR) red with clear lens. Location: (1) each side in front quad inboard of NFPA warning light.	1	
5600-0286-464	Warning light Whelen M6RC series Super LED (PR) red with clear lens. Location: (1) each side of cab down low just ahead of rear doors.	1	
5600-0306-189	Opticom Emitter GTT 794H. LED emitter and control only. Location and activation: front of cab above grille.	1	
5600-0575-479-4T	Whelen Super LED ROTA-BEAM beacon (PR) model R416 Series RED with CLEAR lenses domes. Location rear upper body on aerial style brackets.	1	
5600-0787-3RH-4U	Warning light Whelen M2W Wide Angle Super LED warning lights (PR). Surface mounted w/chrome flanges (if applicable). Location: (1) each side NFPA/ULC required lower zone rear side facing, color will be RED with RED lenses.	1	
5600-0938-170-03	Hazard (door ajar) light Tomar Micorlert LED. Color Blue. Location: center overhead.	1	
5600-0948-3RE-4U	Warning light Whelen M6 series Linear Super LED (PR) RED with RED lenses. Location: (1) each side NFPA/ULC required lower zone front facing.	1	
5600-0948-3RF-4U	Warning light Whelen M6 series Linear Super LED (PR) RED with RED lenses. Location: (1) each side NFPA/ULC required lower zone forward side facing.	1	

Salescode	Extended Description	Qty	
WARNING LIGHTS			
5600-0948-3RG-4U	Warning light Whelen M6 series Linear Super LED (PR) RED with RED lenses. Location: (1) each side NFPA/ULC required lower zone midship side facing.	1	
5600-0948-3RI-4U	Warning light Whelen M6 series Linear Super LED (PR) RED with RED lenses. Location: (1) each side NFPA/ULC required lower zone rear facing.	1	
DIRECTIONAL LIGHT BARS			
5310-0020-847	Directional light bar control is to be located center overhead console offset to officer side.	1	
5310-0116	Whelen split traffic advisor model TAM83S2 LED - (2) 14" long, with clear lenses.	1	
SIRENS			
5500-0010-209	Federal Q2B siren - flush mounted in bumper. Location: driver side front bumper. Requires activation switch.	1	
5500-0024-170	The primary electronic siren control is to be located center overhead.	1	
5500-0103	Whelen model 295SL101 siren with plug-in microphone.	1	
SPEAKERS			
5510-0054-211	Whelen SA315P electronic siren speaker mounted behind front bumper cut-out with an E-ONE grille. Location: officer side front bumper.	1	
DOT LIGHTING			
5150-0017	License plate light LED with chrome housing located at the rear of the body.	1	
5150-0068	Marker lights Britax LED amber/red rubber housed mounted on the rear body corners angled down.	1	
5150-0080-462	Weldon auxiliary turn signal model 9186-8580 LED (PR). Location: (1) each side in center of rear tandem wheel well.	1	
5150-0233	Marker light package cab / body LED. Body lights to be .75" Dia TecNiq for custom cab with rear mount aerial platform bodies only. Includes (3) TecNiq marker lights on front of platform.	1	
5150-0299-5WC	Front (if applicable) and rear turn signal flash pattern: populated arrow.	1	
5150-0303	Whelen M6 series LED vertical mount tail lights. Includes LED stop/tail, turn and back-up lights with vertical 3 light housing and weatherproof connectors. Requires turn signal flash pattern.	1	
LIGHTS - COMPARTMENT, STEP & GROUND			
5380-0286	Step light package body TecNiq T440 4" LED - large.	1	
5380-0309	Compartment light package Hansen LED for large bodies. Includes one light per compartment (two if transverse).	1	

Salescode	Extended Description	Qty	
LIGHTS - COMPARTMENT, STEP & GROUND			
5380-0315	Compartment light Hansen white LED for medical cabinet (EA).	2	
5380-0323	The auxiliary steps below the cab doors and/or below pump module/body (if applicable) to have EON LED lights to illuminate the stepping surface and ground below (IPO lights indicated in the main ground light package).	1	
5380-0325	EON LED ladder tunnel light (EA).	2	
5380-0336	Ground light package Amdor Luma-Bar H2O 20" (as applicable) LED - large.	1	
5380-0404-003	Additional LumaBar H2O 20" LED ground light (EA). Location: Below L1.	1	
5380-0404-008	Additional LumaBar H2O 20" LED ground light (EA). Location: Below L6.	1	
5380-0404-015	Additional LumaBar H2O 20" LED ground light (EA). Location: Below R1.	1	
5380-0404-020	Additional LumaBar H2O 20" LED ground light (EA). Location: Below R6.	1	
5380-0404-0BB	Additional LumaBar H2O 20" LED ground light (EA). Location: Below centered below tailboard.	1	
LIGHTS - DECK AND SCENE			
5390-0007	Deck/scene light circuit wiring through chassis reverse. Requires rear deck or scene light.	1	
5390-0087-397	Whelen M6 Linear Super LED scene lights (PR). Switched in cab (lights mtd on the sides of apparatus to be switched separately). Locate (1) each side of cab, rearward of forward doors, up high.	1	
5390-0413-457	Whelen PELCB LED scene lights (PR). Switch in cab (driver and officer side lights switched separately). Locate (1) each side of body rear facing up high.	1	
LIGHTS - NON-WARNING			
5400-0224	Engine compartment light Optronics LED Series ILL22 (EA).	1	
CONTROLS / SWITCHES			
1750-0034-1FS	Switch, additional 12 volt/15 amp. Location and function: L1 up high on forward wall up high for cab door locks.	1	
5100-0000-198	Foot switch to control air horns located driver's side.	1	
5100-0001-5N6	Switch circuit three way. Includes (1) additional switch. An additional switch required for more than two locations. Location: officer rear of body for rear work lights.	1	
5100-0001-5N8	Switch circuit three way. Includes (1) additional switch. An additional switch required for more than two locations. Location: guarded rocker on officer side of cabinet up as high as possible near front corner for both interior compt lights.	1	
5100-0001-5N9	Switch circuit three way. Includes (1) additional switch. An additional switch required for more than two locations. Location: guarded rocker on driver side of	1	

Salescode	Extended Description	Qty	
CONTROLS / SWITCHES			
	cabinet up as high as possible near front corner for both interior compt lights.		
5100-0036-116	Additional programming instructions: FireTech light(s) to be only switched off/on, not typical spot, flood and scene as applicable.	1	
5100-0036-2TV	Additional programming instructions: traffic advisor wired to flash mode when master warning is on and park brake released, and resume normal operation when park break has been applied.	1	
5100-0036-4V1	Additional programming instructions: auxiliary brake to return to previous on/off state when apparatus is powered up. For units equipped with smart steering wheel.	1	
5100-0036-Q51	Additional programming instructions: red cab dome lights wired through doors and white wired through switch, IPOS.	1	
5100-0165	Audible door ajar alarm wired through door ajar light. For use with multiplex display(s) only.	1	
CAMERAS / INTERCOM			
5350-0156	FRC ACT 2-way aerial intercom.	1	
5350-0182	Safety Vision officer's side camera SV-622RS w/ SV-512 cable. Requires Safety Vision back-up camera option. Camera to be located on front cab corner (approx 31" bottom of camera to bottom of cab) interlocked with right turn signal. Camera only - does not include monitor.	1	
5350-0183	Safety Vision driver's side camera SV-622LS w/ SV-512 cable. Requires Safety Vision back-up camera option. Camera to be located on front cab corner (approx 31" bottom of camera to bottom of cab) interlocked with left turn signal. Camera only - does not include monitor.	1	
5350-0192	Safety Vision back-up camera wired through multiplex display. Video displays automatically when transmission is in reverse. Camera only - does not include monitor.	1	
5350-0402	David Clark intercom model 3800 system. Includes four (4) plug in modules, two (2) Push-to-Talk switches and headset hangers within the cab. Headsets are not included and ordered separately (misc loose equip). {Radio interface cables are not included as part of the intercom package. Dealer/customer to provide/install at time of radio installation.}	1	
5350-0419	Rosco dual vision HD camera system model DV440. Interior mounted at the front windshield.	1	
MISC ELECTRICAL			
5110-0004	Alternating flasher for headlights. Not available on Ford chassis.	1	
5110-0112	Back up alarm Preco model 1040, self-adjustable 87-112 dB.	1	

Salescode	Extended Description	Qty	
MISC ELECTRICAL			
5110-0219-339	Blue Sea 12V power distribution module model 5032. Location: center of dash.	1	
5110-0219-663	Blue Sea 12V power distribution module model 5032. Location: L1 high on forward wall.	1	
5110-0219-762	Blue Sea 12V power distribution module model 5032. Location: behind officer's seat.	1	
5110-0219-765	Blue Sea 12V power distribution module model 5032. Location: center rear wall of center rear medical compartment up high.	1	
5110-0301-339	12 volt 6 gauge lead wired through master power (24" long) with ground wire. Location: center of dash.	1	
GENERATOR			
5250-0125-128	Generator Harrison 10KW LPG hydraulic. Includes generator control/PTO engage switch and a gauge panel located adjacent to breaker box. Generator location: officer side of open storage area.	1	
GENERATOR TEST			
5255-0000	Testing - Line voltage power source (generator / inverter) on units without pump. (3rd Party)	1	
BREAKER BOXES			
5200-0008-G73	Breaker box 16 place single phase. Includes main breaker. Locate L4 forward wall.	1	
LIGHTS - AREA			
5450-0321	FireTech 75" 12V brow light with integrated marker lights and black housing. Includes switch accessible to driver. Replaces front brow marker lights. Requires special bracket 5450-0340 on aerials with waterway trough. Not available on aerials with deep trough.	1	
5450-0340	Extended brow light brackets for use with FireTech front brow light with standard cab trough.	1	
5450-0626-707	Light Whelen 12V Pioneer Plus flood LED model PFH2PB powder coated black with PBAPEDD pedestal mount. Includes switch in cab (driver and officer side facing lights switched separately). Location(s): above forward area of L4.	1	
5450-0626-708	Light Whelen 12V Pioneer Plus flood LED model PFH2PB powder coated black with PBAPEDD pedestal mount. Includes switch in cab (driver and officer side facing lights switched separately). Location(s): above forward area of R4.	1	
RECEPTACLES			
5470-0004-3N9	Receptacle household 20A/110V duplex 3-prong NEMA 5-20 with cover plate interior mounted wired to inlet receptacle. Location: rear wall of center rear	1	

Salescode	Extended Description	Qty	
RECEPTACLES			
	medical compartment up high.		
5470-0004-4S6	Receptacle household 20A/110V duplex 3-prong NEMA 5-20 with cover plate interior mounted wired to inlet receptacle. Location: as specified. C/A to note in Baan specific locations per customer specification.	4	
5470-0004-546	Receptacle household 20A/110V duplex 3-prong NEMA 5-20 with cover plate interior mounted wired to inlet receptacle. Location: In cab officer side on 3 x 3 post rear facing just above engine cover (or seat riser if in a Hush).	1	
5470-0004-B12	Receptacle household 20A/110V duplex 3-prong NEMA 5-20 with cover plate interior mounted wired to inlet receptacle. Location: rear wall of center rear medical compartment down low.	1	
5470-0017-4S6	Receptacle household 20A/110V duplex 3-prong NEMA 5-20 with cover plate. Location: as specified. C/A to note in Baan specific locations per customer specification.	4	
5470-0043	Engraved color coded metal tags to identify all interior and exterior electrical outlets, attached with adhesive and stainless steel rivets. Tags to indicate power source, output amperage, voltage and phase (as applicable).	1	
ELECTRIC CORD REELS			
5130-0003-904	Cord reel electric with 200' of 10/4 black cable. Location: L3 upper backwall offset rearward	1	
5130-0004-758	Cord reel electric with 200' of 10/4 yellow cable. Location R3 upper backwall offset forward	1	
5130-0015-758	Junction box Circle-D with two (2) 15 amp straight blade and two (2) 20 amp twist lock receptacles. Located on cord for reel in or on R3 upper backwall offset forward	1	
5130-0015-904	Junction box Circle-D with two (2) 15 amp straight blade and two (2) 20 amp twist lock receptacles. Located on cord for reel in or on L3 upper backwall offset rearward	1	
5130-0024-392	Electric cord reel rewind switch. Switch located on wall near cord reel.	2	
5130-0028	Rollers, captive for cord reel mounted on reel. {May include a bracket (as required)}	2	
AERIAL MODEL			
6100-0112	Turntable extension on right side of aerial. Includes additional handrail. For use on aerials with fabricated turntable only.	1	
6100-0117	Platform HP100 with -10 degree travel and fabricated SideStacker style turntable. Includes left side console, turntable mansaver bars and jack leg flood lights.	1	
6100-0118	Short jack upgrade for HP 100 Platform. Includes additional lift cylinders at each end of crisscross under-slung jacks. Requires unique body sides with larger jack	1	

Salescode	Extended Description	Qty	
AERIAL MODEL			
	leg openings.		
AERIAL HYDRAULIC SYSTEM OPTIONS			
6150-0003-218	Gauge aerial hydraulic oil level. Electronic display to be located next to aerial master panel.	1	
6150-0015	Aerial hydraulic pump to have drive through provision. For use with up to 12kw Harrison, 10kw Smartpower and 15kw Onan.	1	
AERIAL CONTROLS			
6850-0012	Hinged cover for platform control console. Swirl finish smooth plate with gas spring hold-open.	1	
6850-0022	Turntable handrails to have chains IPO Mansaver bars.	1	
6850-0043	Diamond plate turntable console mounted to tube style pedestal mount. Includes side hinged diamond plate cover with hinge on outboard side. Includes modified left side turntable handrail. (95-platform and HP/HPS100 Platform only)	1	
6850-0065	Advanced Aerial Control System - Platform. Includes two lever controls w/palm rests, 7" color display at turntable and platform, additional tethered remote control in platform, body protection, cradle assist, monitor stow / deploy and cradle alignment lt.	1	
6850-0081	Platform leveling system with assist to allow adjustment of platform pivot angle from cab. Includes two switches, one with multi-color light accessible by driver to indicate platform is in alignment with ladder and a second switch for platform level assist.	1	
MONITORS			
6300-0017	Monitor painted silver from OEM.	1	
6300-0122	Monitor Akron StreamMaster II electric with SabreMaster nozzle 1250GPM for platform. Includes tip controls, base controls and a butterfly valve. Monitor to have multiple flow ratings based on aerial model and monitor position.	1	
WATERWAY OPTIONS			
6350-0005	Rear 4" NST waterway inlet for rear mounted aerials. Includes chrome cap.	1	
6350-0012-192	Akron 2.5" valve for platform. Valve to be located at the front of platform next to monitor.	1	
6350-0014	2.5" chrome elbow with 2.5" x 1.5" reducer and 1.5" cap for platform / ladder discharge valve.	1	
6350-0067	2.5" Innovative Controls stainless steel case pressure gauge (0-400) with color code bezel. Locate next to waterway inlet.	1	

Salescode	Extended Description	Qty	
AERIAL WARNING LIGHTS			
6550-0032	Whelen M6 Super LED red warning lights (4). Located down low across front of platform wired to upper level lights.	1	
6550-0033-224-4U	Whelen M6 Super LED RED with RED lenses warning lights on platform (PR). The lights shall be switched with aerial master and located on each side on on the side of the ground pad brackets.	1	
6550-0096	Outrigger warning lights (4) LED. Whelen M6V2R Super LED.	1	
AERIAL LIGHTING			
6560-0041	Whelen LED model PFBP12C at base (PR).	1	
6560-0084-000-03	Ladder climbing lights Luma-Bar Pathfinder LED strip for 95-Platform and HP100 Platform (one side). Color: Blue.	1	
6560-0248-237	Light Whelen Pioneer Plus flood 12V model PFH1B with bail mount platform mounted powder coated black. Includes hardwired switch on platform console. Location(s): center front of platform.	1	
MISC AERIAL ELECTRICAL			
6570-0015	110V/20A twist lock receptacle at tip.	1	
BREATHING AIR			
6400-0001	Breathing air platform with (2) 444CF cylinders. Includes low air alarm.	1	
6400-0011	Breathing air outlets additional in platform (PR).	1	
AERIAL EQUIPMENT			
6500-0001-221	Hose box for 50' of 2.5" DJ hose left side of platform.	1	
6500-0145	Lifting eye / tie-off package for HP100 Platform. Includes lifting eyes each side (ahead of mainrail) at tip of base and a tie-off point on each turntable trunnion.	1	
AERIAL LADDER BRACKETS			
6600-0002-250	Roof ladder bracket J style mount. Locate outside base section for a PRL-16 on left side of base section. Available on HP75/78, HP100, and HP95. Requires engineering review and approval on HP75 with split raised roof.	1	
6600-0009	Parapet roof ladder bracket for platform. For use with Alcolite and Duo Safety roof ladders (not included). Available on HP100 Platform, HP95MM Platform and 95-Platform with angle corners.	1	
SIGN PLATES			
6750-0033	Aerial sign plate / Stokes basket storage box pkg. Includes 22 x 144 sign plate (PR) on left & right side of base and a storage box for Ferno Washington Model 71 stokes basket. Includes outboard hinged lift-up lid with (2)push button	1	

Salescode	Extended Description	Qty	
SIGN PLATES			
	latches, recessed finger pulls, partition to section off stokes basket storage area with remaining area for miscellaneous storage, gas shock hold open & notch to clear extension system components. Locate stokes basket storage box on right side of base inside of sign plate. Does not include lettering. Color to be specified by customer.		
AERIAL TESTING			
6900-0000	Aerial flow test - 3rd party.	1	
6900-0007	Aerial 2016 NFPA Certification.	1	
HAND TOOLS			
7600-0101	Pike Pole 12 Ft. Firehooks Unlimited APH-12 pole.	2	
7600-0124	8 Ft. Firehooks Unlimited New York Roof Hook (RH-8) with Fiberglass pole and chisel end.	2	
7600-0125	6 Ft. Firehooks Unlimited New York Roof Hook (RH-6) with Fiberglass pole and chisel end.	2	
GROUND LADDERS			
7800-0010	Alco-Lite PRL-16' roof ladder.	2	
7800-0016	Alco-Lite PEL-24' 2-section extension ladder.	2	
7800-0024	Alco-Lite PEL-35' extension ladder.	2	
7800-0038	Alco-Lite PRL-20' roof ladder.	1	
7800-0078	Alco-Lite FL-10, 10' folding ladder without shoes and handles.	1	
7800-0121	Little Giant model 17 Defender ladder.	1	
MISC LOOSE EQUIPMENT			
7600-0016	Wheel chocks folding 44" NFPA compliant, pair (PR) of Zico SAC-44-E. Up to 44" diameter tires. Includes mounting brackets.	1	
7900-0014	DOT Required Drive Away Kit - Kit includes three (3) triangular warning reflectors with carrying case. This kit is for the end user and is to remain with the truck.	1	
7900-0316	David Clark wired headset. One (1) model H3442 behind the head, dual ear headset (intercom ordered separately).	2	
7900-0360	David Clark wired headset. One (1) model H3441 behind-the-head, single-ear, slotted dome headset (intercom ordered separately).	2	
EXTERIOR PAINT			
8100-0064	Cab paint break - standard with dip to grille. Break is 31.5" inches below the drip rail on Typhoon, legacy Cyclone and 100" wide Cyclone cabs w/o 4" front raised	1	

Salescode	Extended Description	Qty	
EXTERIOR PAINT			
	roof.		
8100-0087	Paint Sample Spray Out - Dealer is responsible for returning written approval prior to order release. Two-tone cab color.	1	
8100-0116	Rear body surface to have a sanded finish (not painted job color). Includes hinged doors that do not have discrete sales codes and removable panels.	1	
8100-0176-000-7W	Paint E-ONE chassis cab - Sikkens paint (non-metallic color). Color: As Specified.	1	
8100-0177-000-7W	Paint cab Sikkens two-tone (non-metallic color). Upper area of cab to be painted As Specified.	1	
8100-0183-000-7W	Paint Body - Large - For Aerials, T/A Tankers/Wetsides, Rear Mounts and Rescues. Sikkens paint (non-metallic color). Color: As Specified.	1	
8100-0222	Paint roll up door header plate(s) job color for all painted roll-up doors.	1	
8100-0396	Undercoating E-ONE. To be applied after customer final inspection.	1	
8100-0429-000-7W	Paint lift cylinders, extension cylinders and upper turntable steelwork (does not apply to TT deck) (non-metallic color). Color: As Specified.	1	
8100-0533	Paint all roll up door header plate(s) screws job color.	1	
INTERIOR PAINT			
8150-0011	The interior of the cab to be painted Zolatone gray.	1	
STRIPING			
8300-0001	NFPA required reflective striping to be dealer/customer applied.	1	
8300-0273-000-J7	Chevron "A" style 6" Reflexite V98 striping on front bumper. Colors to be Red/Fluorescent Yellow Green.	1	
8300-0274-000-J7	Chevron "A" style 6" Reflexite V98 striping full width on rear of body. Includes rear facing extrusions, panels and doors. Colors to be Red/Fluorescent Yellow Green.	1	
8300-0281-000-J7	Chevron "A" style 6" Reflexite V98 striping on outriggers. Striping to alternate in an "A" pattern when viewed from the front or rear of the truck. Colors to be: Red/Fluorescent Yellow Green.	1	
8300-0338	Paint break Scotchlite cab stripe - 3/4" wide with customer specified color. To be located above existing paint break.	1	
8300-0381	Yellow perimeter marking to indicate designated standing / walking areas above 48" high in compliance with 2016 NFPA 1901 consisting of individual Reflexite diamonds approximately 1" wide. Steps, ladders and areas with a railing or structure at least 12" high are excluded from this requirement.	1	
GRAPHICS			
8400-0022	Logo E-ONE (PR) on aerial lift cylinder. Logo to be black and white reflective	1	

Salescode	Extended Description	Qty	
GRAPHICS			
	material approx 14" long located midway along outward surface of cylinder.		
8400-0067	E-ONE logo with grey backing on M6 series vertical tail light housing (PR).	1	
WARRANTY / STANDARD & EXTENDED			
9100-0102	Meritor 5 year unlimited miles, parts and labor rear drive single or rear drive tandem axle warranty.	1	
9100-0104	Dana 5 year unlimited miles, parts and labor front axle warranty.	1	
9100-0117	General One (1) year or 24,000 Miles Limited Warranty (RFW0001)	1	
9100-0126	Custom chassis One (1) Year or 18,000 Miles Limited Warranty (RFW0101).	1	
9100-0131	Regulated Emissions Systems Five (5) Years or 100,000 Miles Limited Warranty (RFW0140). N/A for California. For units going to California use 9100-0162 with L9 and 9100-0163 with X12/15.	1	
9100-0132	Electrical One (1) Year or 18,000 Miles Limited Warranty (RFW0201).	1	
9100-0135	Aerial Ladder Structure Twenty (20) years or 100,000 Miles Limited Warranty (RFW0403).	1	
9100-0136	Body Structure Aluminum Ten (10) years or 100,000 Miles Limited Warranty (RFW0502).	1	
9100-0138	Cab Structural Ten (10) Years or 100,000 Miles Limited Warranty (RFW0602).	1	
9100-0140	Paint and Finish (Exterior Clear coated) Ten (10) Years Limited Warranty (RFW0710).	1	
9100-0165	Frame Rail Lifetime (50) Years or 250,000 Miles Limited Warranty (RFW0305).	1	
SUPPORT, DELIVERY, INSPECTIONS AND MANUALS			
9300-0000	Vehicle familiarization aerial (Domestic). 3 consecutive days. Use 9300-0315 for additional days.	1	
9300-0009	Manuals, Operator and Service in digital format.	1	
9300-0016	Approval Drawings-Standard.	1	
9300-0031	Dash/Console panel layout approval drawings. Will be provided on purchased units prior to construction.	1	
9300-0040	As built electrical drawings.	1	
9300-0316	Fire Apparatus Safety Guide published by FAMA, latest edition.	1	
Dealer Supplied Equipment			

Electronics for a New Fleet Purchase

		T2	T6
Item	Cost		
Cradlepoint Modem	\$3,000.00	x	x
2 Antennas	\$1,000.00	x	x
Knox Box	\$1,000.00		
AW12 Cell Booster	\$300.00	x	x
MDT	\$3,000.00	x	x
MDT Dock	\$500.00	x	x
Dash Cam	\$1,000.00	x	x
Data Cable	\$50.00	x	x
Serial Cable	\$50.00	x	x
Mobile Radio	\$8,000.00	x	x
Fuel Puck	\$500.00	x	x
Total:			
	\$18,400.00		
	\$1,000.00		
Need per Truck	\$17,400.00		

Green Bay Fire Department
501 S Washington St
Green Bay, WI 54301-4218

ID# 210291

Is this your organization?

Great news—your organization already has a registered account! Using the ID number provided on this page, you can immediately access Sourcewell awarded contracts by providing this number to the supplier you wish to purchase from.

[Update your organization's information](#)

[Add a contact for your organization](#)

Need help?

Contact our dedicated Client Development Team at service@sourcewell-mn.gov or 877-585-9706.





Report to the
Finance Committee
of the City of Green Bay

MEETING DATE

August 23, 2022

PREPARED BY

AGENDA ITEM # E.5

Report of the Claims Committee.

The Committee may convene in closed session pursuant to Section 19.85(1) (g), Wis. Stats., for the purpose of conferring with legal counsel for the governmental body who is rendering oral or written advice concerning strategy to be adopted by the body with respect to litigation in which it is or is likely to become involved. The Committee will thereafter reconvene in open session pursuant to Section 19.85(2), Wis. Stats., to take action on items discussed in closed session, if appropriate, and to consider the remainder of the agenda.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

- I. CONFIDENTIAL Claims Committee Rpt August 2022