



## OFFICIAL NOTICE AND AGENDA

of a meeting of a City Board, Commission, Department, Committee, Agency, Corporation, Quasi-Municipal Corporation, or sub-unit thereof.

Meeting of the: **FINANCE COMMITTEE**  
Date/Time: **Tuesday, January 24, 2023 at 5:30 PM**  
Location: **City Hall (407 Grant Street) - Council Chambers**  
Finance Members Lisa Rasmussen, Doug Diny, Carol Lukens, Michael Martens, Sarah Watson

### AGENDA ITEMS

- 1 Minutes of the previous meeting(s): (1/10/23)
- 2 Discussion and possible action regarding ARPA funding requests and related budget modification
- 3 Discussion and possible action regarding cooperative purchasing of two replacement ambulances
- 4 Presentation on Utility Pilot payments
- 5 Discussion and possible action regarding donation of fire safety trailer
- 6 Discussion and possible action on enforcement action on KOZ Holdings LLC d/b/a Pro Players Sports Bar and Grill (parking) Lease Agreement – 206 Grand Avenue, Schofield
- 7 Discussion and possible action regarding authorizing the amendment of fees to the City of Wausau Fees and Licenses Schedule adopted pursuant to Wausau Municipal Code Sec. 3.40.010(a) relating to commercial kennel permit fees

Adjourn

Lisa Rasmussen, Chair

**NOTICE: It is possible and likely that members of, and possibly a quorum of members of the Committee of the Whole or other committees of the Common Council of the City of Wausau may be in attendance at the above-mentioned meeting. No action will be taken by any such groups.**

Members of the public who do not wish to appear in person may view the meeting live over the internet, live by cable TV, Channel 981, and a video is available in its entirety and can be accessed at <https://tinyurl.com/WausauCityCouncil>. Any person wishing to offer public comment who does not appear in person to do so, may e-mail [mary.goede@ci.wausau.wi.us](mailto:mary.goede@ci.wausau.wi.us) with "Finance Committee public comment" in the subject line prior to the meeting start. All public comment, either by email or in person, will be limited to items on the agenda at this time. The messages related to agenda items received prior to the start of the meeting will be provided to the Chair.

This Notice was posted at City Hall and faxed to the Daily Herald newsroom 1/20/23 at 4:15 pm

*In accordance with the requirements of Title II of the Americans with Disabilities Act of 1990 (ADA), the City of Wausau will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs or activities. If you need assistance or reasonable accommodations in participating in this meeting or event due to a disability as defined under the ADA, please call the ADA Coordinator at (715) 261-6590 or [ADAServices@ci.wausau.wi.us](mailto:ADAServices@ci.wausau.wi.us) to discuss your accessibility needs. We ask your request be provided a minimum of 72 hours before the scheduled event or meeting. If a request is made less than 72 hours before the event the City of Wausau will make a good faith effort to accommodate your request.*

Other Distribution: Media, (Alderspersons: Kilian, Gisselman, McElhaney, Herbst, Larson, Henke), \*Rosenberg, \*Jacobson, \*Groat, Department Heads

## **FINANCE COMMITTEE**

Date and Time: Tuesday, January 10, 2023 @ 5:00 pm., Council Chambers

Members Present: Lisa Rasmussen, Michael Martens, Doug Diny, Carol Lukens, Sarah Watson

Others Present: Maryanne Groat, Anne Jacobson, Eric Lindman, Dustin Kraege, Gerry Klein, Matt Barnes, Ben Bliven, Rick Rubow, Katie Rosenberg, and Kaitlyn Bernarde

In accordance with Chapter 19, Wisc. Statutes, notice of this joint meeting was posted and sent to the Daily Herald in the proper manner. The Finance Committee was called to order by Chairperson Lisa Rasmussen.

### **Minutes of the previous meeting(s): (12/13/22)**

Motion by Diny, second by Martens to approve the minutes. Approved 5-0.

### **Discussion and possible action regarding ARPA funding requests and related budget modification**

Lisa Rasmussen stated the request is for the audio/video equipment in use in the Council Chambers.

Gerald Klein, IT Director, commented the equipment in this room was already old when he started with the city 16 years ago. He stated all the equipment is out of date and much of it is no longer supported and we don't have any of the documentation for it anymore because the people that installed it are out of business. The County Board Assembly Room has been built out with new modern controls for the room and can support video calls that are integrated into it. He proposed replacing all the equipment in the Council Chambers, as well as the microphones and the button boxes at their desks with new voting software. He stated the Clerk's memo points out one particular thing that is very easy to see, when someone is on a video call, they are shown on the TV behind the Clerk, but the Public Access controller has to zoom in on that TV in order to provide the view to the public. The modern way would be for them to have multiple video feeds to pick and choose from and to lay things on top of.

Klein indicated one of his main concerns is that any day now any of this equipment could just die and when he has ordered video gear lately it has taken a very long time to arrive. New video gear for Courtroom 1 at the county took seven months, so he felt it was important to get ahead of it. He indicated the total cost was \$140,000 and a relatively recent quote from a vendor was \$125,000.

Rasmussen questioned if there were an alternate funding source for this request, considering the ARPA funds remaining are just under \$3 million and with the public angst over the water rate increases there may be a need to divert the majority of those funds to the granular activated carbon solution. Maryanne Groat stated they could consider a one-time transfer out of the surplus we will likely have in 2022. She suggested they rank this application for the next meeting, and she would bring an estimate of the year-end surplus.

Sarah Watson commented she has received feedback from residents that when they are viewing the meetings on YouTube or Public Access, they can't see how people vote. She believed it would be forward-facing to have more modern equipment. She stated the ongoing operational expense is approximately \$5,000 and questioned what that was for. Klein explained they would put a couple of key pieces of the electronics under a maintenance agreement for a while until we ensure it is all working.

### **Discussion and possible action regarding sole source request for Wausau PD and FD for Advanced Physical Therapy**

Deputy Chief Matt Barnes explained this and the next one are recurring sole sources with contractors we have utilized, have a relationship and are satisfied with, as well as budgeted for. He pointed out an error he found in Section #2 where it references 7.5 hours a week; he clarified that is 7.5 hours a week per organization, so it should be 15 hours.

Motion by Watson, second by Diny to approve the sole source request. Motion carried 5-0.

### **Discussion and possible action regarding sole source request for Crossing Guards (All City Management Services)**

Martens questioned if the \$160,000 was the combined cost that we share with the Wausau School District or just the city's share. Barnes stated \$160,000 is the total cost of which we invoice the School District for 29.7%.

Motion by Diny, second by Lukens to approve the sole source request. Motion carried 5-0.

**Discussion and possible action regarding Urban Nonpoint Source Construction Grant Agreement to Convert the Strawberry Fields Dry Detention Pond to a Wet Pond**

Rasmussen explained Engineering was applying for a grant which it received, and this helps with our stormwater compliance.

Motion by Martens, second by Diny to approve the acceptance of the grant. Motion carried 5-0.

**Discussion and possible action on the termination of Airport Ground Lease with Allan Woldt**

Rasmussen explained this and the next item came to the Airport Committee as housekeeping items. The leases have terminated, and the hangars have been sold, so this is the formality of terminating the leases.

Motion by Diny, second by Martens to terminate the ground lease with Alan Woldt. Motion carried 5-0.

**Discussion and possible action on the termination of Airport Ground Lease with Wynnn Jones & Associates**

Motion by Diny, second by Watson to terminate the ground lease. Motion carried 5-0.

**Discussion and possible action on a contract for residential and commercial electrical inspection services between the City of Wausau and Village of Weston**

Rasmussen explained the Village of Weston needs some short-term help because they need to replace some staff but have a gap between.

Watson questioned if this was a continuation of a former agreement with Weston. Bill Hebert, Zoning & Inspections Director, stated in 2017 they did a 3-month contract with Weston when their Inspector had medical leave. Watson questioned if he had the staff to accommodate the contract. Hebert commented he has just learned today his building inspector resigned but had several qualified people to do the inspections.

Motion by Lukens, second by Watson to approve the contract. Motion carried 5-0.

**Adjourn**

Motion by Watson, second by Lukens to adjourn the meeting. Motion carried unanimously. Meeting adjourned at 5:53 pm.

## ARPA FUNDING

	Public Health	Negative Economic Impacts	Services to Disproportionately Impacted Communities	Infrastructure	Revenue Loss: Government Services	Total
Landmark Project		\$ 350,000				\$ 350,000
2022 Budget:						
Public Access Server for Closed Caption			47,402			47,402
Internet Firewall Replacement					33,800	33,800
Core Switch Replacement					50,000	50,000
Financial ERP Software Replacement					850,000	850,000
2022 Resolutions						
Temporary Water Supplies					230,000	230,000
PFAS Pilot Study				240,375		240,375
LED Street Lighting Conversion					881,971	881,971
Skate Park					225,000	225,000
EEC Negative Economic Impact		84,100				84,100
CCITC - Fiber Connection Project					140,000	140,000
Community Outreach Specialist Position					140,000	140,000
FireFighter Positions					771,000	771,000
Wastewater Treatment Screening Improvement Project				800,000		800,000
Abel Stormwater Liftstation				800,000		800,000
Community Partners Campus Facility Project					162,756	162,756
Catholic Charities		777,991				777,991
Infill New Construction		600,000				600,000
Affordable Rental Units		500,000				500,000
Homebuyer Education Counseling and Closing Assistance					34,000	34,000
Water Main Replacement - 2023						
10th Ave				420,000		420,000
Grant St				100,000		100,000
Henrietta				320,000		320,000
Water Engineering Studies and Project Work						
Lead Service Line Replacement Plan					89,680	89,680
Corrosion Control Study					261,740	261,740
PFAS Treatment Process Design				658,695		658,695
Sewer Main Replacement - 2023						
10th Ave				320,000		320,000
Grant St				85,000		85,000
Henrietta				200,000		200,000
Water Main Replacement - 2022					1,414,409	1,414,409
Sewer Main Replacement - 2022					691,099	691,099
Sewer Engineering and Project Work						
Sewer Force Main Project					359,184	359,184
Sewer Lift Station Upgrade Design					239,000	239,000
Obligated	\$ -	\$ 2,312,091	\$ 47,402	\$ 3,944,070	\$ 6,573,639	\$ 12,877,202
<b>COUNCIL APPROVED</b>					<b>10,000,000</b>	<b>\$ 15,586,461</b>
<b>AVAILABLE - UNENCUMBERED</b>					<b>3,426,361</b>	<b>\$ 2,709,259</b>
<b>CURRENT REQUESTS</b>						
City Hall Council Chambers					140,000	140,000
<b>SEEKING ALTERNATE FUNDING SOURCES BUT ENDORSED BY THE COMMITTEE</b>						
Lead Service Line Replacement				200,000		200,000
				200,000		200,000
<b>UNFUNDED REQUESTS</b>						
Solar Array Study				235,355		235,355
Fire Station Land Acquisition					815,000	815,000
Fixed Station Automated License Plate Readers					255,000	255,000
Police Department Sit-Stand Configuration					50,000	50,000
	-	-	-	235,355	1,120,000	1,355,355
<b>REMOVED</b>						
Drinking Fountain Replacement Parks	81,000		Funded from Tennis Court Project			81,000
17th Avenue Stewart Avenue to Elm Reconstruction			Finance recommended TID 8 Funding		1,180,000	1,180,000
	81,000				1,180,000	1,261,000

**CITY OF WAUSAU  
ARPA FUNDS EVALUATION CRITERIA**

CRITERIA	POSSIBLE SCORE			Council Chambers Video Upgrades \$140,000
	0 points	1-5 points	6-10 points	
<b>ALIGN WITH PRIORITIES:</b> How well does the proposal align with the community's funding priorities? Does it support a livable community, fiscally sustainable government, environmentally sustainable community, and an improved & equitable quality of life?	Project is inconsistent with community priorities and does not advance community service.	Project is partly consistent with priorities but does not significantly advance community service.	Project is directly related to the community priorities and community service.	
<b>OTHER FUNDING SOURCES:</b> Are there other federal/state ARPA alternative funding opportunities (such as the federal infrastructure bill) that could replace or supplement the request? Have these other funding sources been considered? Could the project/proposal be phased to accommodate other federal/state ARPA sources?	Alternative funding sources may be available but have not been explored, considered or leveraged.	Alternative funding sources may be available and will be leveraged if possible.	No alternate funding sources exist or alternative funding sources have already been leveraged to maximize the investment.	
<b>TIMELINE :</b> Can the proposal be implemented and completed within the ARPA program deadlines? Obligated by 12/31/2024 and expended by 12/31/2026	Project timeline is not well defined and does not clearly establish a work completion within the timeline. Project completion is near the end the ARPA requirements	Project timeline is lengthy but demonstrates that completion is within the ARPA requirements.	Project timeline clearly demonstrates that work will conclude within the short term (1 year or less).	
<b>COST:</b> While projects funded with ARPA should be impactful best practices indicate the funds should be spread over the qualifying period to enhance budgetary and financial stability. Does the proposal represent a reasonable allocation of resources relative to other community proposals?	Project exhausts all or the majority of funds immediately.	Project ARPA funding request is requires a significant ARPA allocation. However, the project provides for phases which allows for flexibility of unexpected City needs and priorities.	Project ARPA funding request is reasonable to the City overall ARPA allocation. The funding request allows the City to diversify the ARPA investments. Significant projects may be allocated in phases to provide future flexibility of unexpected needs and priorities.	
<b>RESIDENT IMPACT:</b> What portion of the community would benefit from this proposal?	Proposal fails to identify positive impact nor identifies populations benefitted	Proposal demonstrates a positive impact on a material portion of the population 25-75%	Project demonstrates a strong positive impact on a significant portion of the	
<b>IMPACT ON FUTURE BUDGETS:</b> Will this proposal require ongoing funding? Will it reduce or increase ongoing operating expenses? Will the project produce additional annual revenues?	Project creates a new funding dependency and future tax levy pressure.	Project would have a neutral impact on personnel or other operating costs or revenues. Project is budget neutral.	Project decreases future operating costs, increase operating revenues, eliminates future debt	
<b>COMPLEXITY AND READINESS:</b> Is the project or proposal complex with multiple phases before implementation can begin? Does the project or proposal require outside approvals or oversight? Does a clear implementation plan exist? What complications could arise to prevent this project from achieving its intended goals?	Project is unable to proceed due to obstacles such as land acquisition, easements, designs and other approvals. Project is not shovel ready.	Minor obstacles, plans or details exist but should not impact a timely implementation.	Project is entirely ready to proceed. No obstacles exist.	
<b>CENSUS TRACT ELIBILITY:</b> Does the proposal/project fall within a census tract or benefit those vulnerable popuations and those disproportionately negatively impacted by COVID19?	This project/proposal is not located in a census tract and not designed to benefit those disporportionately negatively impacted by COVID as interpreted by ARPA regulations?	This project/proposal is not located in a census tract but will benefit all citizens including those disporportionately negatively impacted by COVID as interpreted by ARPA regulations?	This project/proposal is located in a census tract or is considered to benefit those disporportionately negatively impacted by COVID as interpreted by ARPA regulations?	
<b>IMPACT OF DEFERRAL:</b> What is the impact of the deferral? Will costs go up? Will the City be out of compliance with mandates or regulations? Are there health and safety risks impacting residents that will remain unaddressed? Does this proposal improve the environmental quality of the city?	Deferral causes limited impact to service or disruptions.	Deferral will have limited impact on regulatory mandates, health and safety risks or environmental qualities.	Deferral will have a detrimental impact on regulatory mandates, health and safety risks or environmental qualities.	
<b>PROJECT PRIORITY AND IMPACT:</b> Regardless of any other scores, do you believe this project should be a priority? Do you believe that the project is transformational for the community? Do you believe that the project will make a big impact?	Low priority, impact, transformational power	Some priority, impact and transformational power	High priority, impact and transformational power	
			<b>TOTAL</b>	0



## Memorandum

**From:** Jeremy Kopp, Deputy Fire Chief  
**To:** Finance Committee  
**Date:** January 18, 2023  
**Subject:** Cooperative purchasing of two replacement ambulances

Purpose:

To discuss the purchase of two new ambulances to replace current Med 4 and Med 5 which are both ten years old with two AEV (American Emergency Vehicles) ambulances out of North Carolina. The vendor is ARV (American Response Vehicles) with offices throughout the U.S.

Recommendation: That you approve the following:

1. We recommend the purchase of two new AEV ambulances that will sit on Ford F550 chassis as described in the attached drawing, and order contract.
2. We recommend approving the purchase of the two units for the price of \$843,144.94.
3. Using the flex grant funds of \$130,000 we acquired toward the purchase of a new ambulance and equipment the cost for both ambulances will be the remaining sum of \$260,664.94 after approved budget amount.

Facts OR Considerations:

1. Background:

Current Med 4 and Med 5 were purchased in 2012 and 2013 and met the needs of Wausau Fire at that time. The meds have served the Wausau community for 10 years but are now due for replacement. The specifications on both new ambulances help us meet requirements for CAAS (Commission on Accreditation of Ambulances) accreditation which the current ambulances do not. The new ambulances also have safety features built in to filter highly contagious airborne diseases such as COVID, RSV, and Influenza. They have also been designed with airbags in the patient compartment and an oxygen cylinder lift system to prevent back injuries, options that our current ambulances do not have.

The Fire Department and Department of Public Works put together a combined committee to explore the purchase of new ambulances in 2022. After months of work, the committee recommended the purchase of these specific ambulances. During the design phase, the highest priority of the committee is to purchase ambulances that provide patient and crew safety, overall reliability/durability, and meets the unique needs of our community not only today but in the distant future. It was also decided to purchase these ambulances from a reliable manufacturer with a quick turnaround time compared to waiting two to three years from other manufacturers.

ARV can have the ambulances built and delivered by October of 2023. ARV can accomplish this is by assigning Wausau an ambulance chassis that was originally intended to be their demo units. As you can see in the attached documents, pricing and availability of ambulances across the country have changed drastically. Pricing will increase again at the end of January by 7 percent and at least one more time after that in 2023. With prices rising so quickly and availability being limited nationwide the committee found AEV to be the best option.

2. Discussion:

**Sizing for the Fire Department Fleet:**

Both med 4 and med 5 have been frequently out of service for repairs over the past year due to their age and replacement parts are becoming harder to find. The committee and department leadership has closely examined the configuration of these new ambulances and feel that they will serve the City and Paramedics more effectively than the current older ambulances. The box of the ambulance has been completely reconfigured to allow the paramedics to stay seated and belted during the transport of patients to the emergency department. Once the new ambulances arrive in Wausau, med 4 and med 5 would have the option to be traded at a price that ARV has determined, or they could be sent to auction.

3. Rationale:

During a 24-hour shift, our ambulances respond more frequently than other units in the fleet. The committee selected ergonomically safe features that would allow overall patient comfort and safety. These ambulances will be versatile pieces of apparatus capable of responding to incidents on the highway systems, complex incidents, difficult EMS incidents, while providing all necessary safety features.

Impact:

1. Approving the purchase of the replacement ambulances will have several impacts.
  - A. Avoiding more inevitable price increases from the ambulance manufacturers.
  - B. Personnel will be in state of the art, reliable, safe apparatus.
  - C. Spend less money spent on maintenance of ten-year-old med units.
  - D. Integrated systems to reduce paramedic injuries.
  - E. More work space in the box of the ambulance for patient care.
2. Procuring through the HGAC cooperative purchasing guarantees competitive pricing.

Coordination: The ambulance design committee included the EMS Division Chief and current firefighter/paramedics from the Fire Department as well as two emergency vehicle repair technicians from Public Works.

Drafted by: Deputy Chief Jeremy Kopp, Fire Department  
Cc: Mayor



## Memorandum

**Date:** 1/23/2023

**To:** Finance Committee

**From:** Deputy Chief Jeremy Kopp

**Subject:** Additional Information-Cooperative Purchasing of Two Ambulances

This memo is in response to the Finance Directors advice to provide advanced information to the committee regarding the shortfall and request for a budget modification. This will give areas of where money can be saved as well as to defining the needs for extra expenses.

- **The impact of purchasing 1 ambulance versus 2 to stay within budget**

- A second ambulance if ordered after January would potentially be two years out before delivery.
- First ambulance could be purchased with available money, but second ambulance would be an ask of over \$200,000 over replacement budget.
- Cost of repairs and upkeep of one ten-year-old ambulance to remain in service until the next new ambulance arrives.
- Continuing price hikes throughout the calendar year.

- **Modifications that can be made to the ambulance to reduce costs**

(List of options for consideration of cost savings)

Note: Price below is for EACH VEHICLE. Each credit listed includes applicable replacement option if necessary (example: compartment lighting)

OPTION DESCRIPTION TOTAL PRICE CHANGE

- Delete Buckstop front bumper and replace with OEM Gloss Black Bumper (\$3,257.12)
- Remove FireTech Front Grille w/Flood Lighting and Replace with OEM Grille (\$4,433.00)
- Delete 2nd Pair of Front M7 Grille Lights (\$320.00)
- Delete Whelen ARGES Remote Spot Light (\$1,280.00)
- Delete Federal EQ2B Siren and Replace with Whelen Dual Tone Siren 295HFSC9 (1,500.00)
- Delete Q2B Mechanical Siren on Front Bumper (\$3,987.50)
- Delete Federal Signal Rumbler Siren (Can be installed after delivery) (\$1,442.00)
- Delete Electric O2 Lift in Streetside Forward Compartment (\$4,488.50)

Total Credits Listed Above: (\$20,408.12) PER VEHICLE



- The Firetech grille is a Ford QVM approved aftermarket accessory. It replaces the standard OEM grille with an aftermarket assembly with integrated front flood and warning lighting. While it does come at a higher cost up front, the benefit on the back side is it drastically reduces the time to access and replace a Ford Super Duty water pump (6-10 hours to remove the front grille and bumper vs 20 minute to remove the Firetech grille). It is however a pricey item with no effect on the mission critical components of the ambulance design itself thus why I listed it.

- Other options like the Spotlight, Q2B Mechanical Siren, Bumper, and Siren, can all be installed after delivery. The Electric O2 Lift can also be supplied and installed later BUT the compartment must be built with the dimensions and structure needed to support this option up front, and there is additional cost not directly correlated to the credit in terms of labor, that would have to be added into a later purchase and install. (IE, the labor to install a unit after delivery is much greater than installation during vehicle production).

- **The feasibility of retaining existing cots etc. and submit for replacement in the 2024 CIP**

- Installing a universal mounting bracket to add new lifting system later.
- Existing cots are at end of service life (suggested) and as old as the ambulance.
- Estimated costs include training of personnel to save on extended service plans.

- **Any other cost saving measures available for the committee's consideration.**

-One med unit accounts for 20% of the med fleet. Running the data from 01-01-2022 to 12-31-2022 the following shows the percentage of cost.

-The cost of repairs for both inhouse and outside venders.

4672 (oldest med) \$16,679.47 which is 28.1% of the grand total of the med fleet.

4670 (newest med) \$12,893.70 which is 21.7% of the grand total of the med fleet.

The oldest is clearly costing more to maintain.

-The cost of fuel

4672 (oldest med) \$16,125.65 which is 22.8% of the grand total of the med fleet.

4670 (newest med) \$12,549.68 which is 17.7% of the grand total of the med fleet.

The oldest is costing more in fuel.

-Could a large repair expense or more usage of units cause these numbers to be skewed? Of course, therefore the reason of running an entire year report to hopefully average the repairs and usage.

-The price per med unit is \$421,572.47 if you take the grand total with equipment added, not including the trades, and divide it in half. Fire dept has \$452,480.00 in the 2023 budget for replacement of two meds. If needed, the grant could be applied to the purchase of one med unit.

$\$421,572.47 - \$130,000.00 = \$291,572.47$

- Purchase one of the med units from this year's replacement budget.

$\$452,480.00 - \$291,572.47 = \$160,907.53$  surplus.

- The surplus could be requested to be rolled over into 2024 FD replacement budget. The remaining shortfall needed for the second med replacement could be requested in the 2024 CIP request from Motor-pool for FD replacement. The second med unit could then be ordered in 2024.

- What will the remaining shortfall be? That number is not available as it is dependent on the price increases between now and the start of 2024. The amount listed in the 2024 CIP request from Motor-pool for FD replacement would be a calculated guess.

- The Motor-pool also has budgeted for unexpected modification on FD equipment in the amount of \$64,101.00. I would not feel comfortable using all of that towards the purchase of the meds because that would inhibit what that funding is designed for, unexpected modification to FD equipment. If the FD agreed, I would feel comfortable putting \$50,000.00 of that money towards the med unit. That would shrink the shortfall needed in 2024 by \$50,000.00 but it would also drastically limit any needed modification in 2023.

**TRANSFER OF FUNDS/CHANGE OF PURPOSE REQUEST FORM**

Requested: Jeremy Kopp

Dept: Fire

Date: 1/18/2023

Reviewed by Finance:

Date:

Reviewed by Mayor:

Date:

Transfer Explanation and Justification:

Additional funding for the purchase of two new ambulances for the Fire Department. Two ambulances are scheduled for replacement in 2023, the current budget amount falls short of the 2023 price increases of ambulances across the country. Replacement of ambulances and new technology will promote modern response as well as meet CAAS accreditation requirements. Purchase contract number AM10-20 through cooperative procurement HGAC.

FROM / TO	ACCOUNT NUMBER	ACCOUNT NAME	\$ AMOUNT
	<b>TRANSFER OF FUNDS</b>		
From		General Fund	
From			
To	170-150098157	Motor Vehicles – Fire Dept. Purchases	
To			

COMMENTS:

Fin. Committee Approval  Denial  Date: \_\_\_\_\_ Council Approval  Denial  Date: \_\_\_\_\_

# Market Conditions Ambulance Division

OCT 2022



- ***Employee Availability and Costs: Extremely challenging hiring and retaining employees. Industry attrition rate >10% and costs up 25% Y/Y.***



- ***Supply Limits: Limitations on electronics, wheels, chassis, glass, transmissions, axles and ancillary components not improving and getting worse***



- ***Costs: Inflation rate for critical components up as much as 50% Y/Y. No reduction in sight of increases.***



- ***Inventory: Availability of parts very limited and delivery lead times have expanded 9X over 2019.***

## Why Ford will have to eat an extra \$1B in supplier costs this quarter

Kirsten Korosec @kirstenkorosec / 5:48 PM EDT • September 19, 2022

Comment



Ford said Monday that supplier costs will be \$1 billion higher in the third quarter than expected due to rising inflation and persistent supply chain problems.

Ford also disclosed that supply shortages have caused a backlog of thousands of assembled, yet incomplete vehicles. Ford anticipates that between 40,000 and 45,000 unfinished vehicles — most of which are high-margin trucks and SUVs — will remain in the automaker's inventory waiting for needed parts through the end of the third quarter.

Shares fell 5.49% in after-hours trading.

## Supply chain execs anticipate delivery delays, inflation this peak season, survey shows

by Jeff Della Ross (@DellaRoss@nwtj.com) • September 21, 2022 2:10 pm • 340 views



Supply chain executives expect the holiday shipping season, or peak season, to be negatively impacted by delivery delays, price escalation and labor issues, according to a recent survey. In July, **Deposco** and Supply Chain Dive surveyed more than 160 retailers, manufacturers, wholesalers and third-party logistics companies. Most respondents are somewhat confident in their ability to handle fulfillment requirements using existing systems and processes.

## Butter, garage doors and SUVs: Why shortages remain common 2½ years into the pandemic

Shortages of basic goods still plague the U.S. economy — 2½ years after the pandemic's onset turned global supply chains upside down.

Want a new car? You may have to wait as long as six months, depending on the model you order. Looking for a spicy condiment? Supplies of Sriracha hot sauce have been running dangerously low. And if you feed your cat or dog dry pet food, expect empty shelves or elevated prices.

These aren't isolated products. Baby formula, wine and spirits, lawn chairs, garage doors, butter, cream cheese, breakfast cereal and many more items have also been facing shortages in the U.S. during 2022 — and popcorn and tomatoes are expected to be in short supply soon.

In fact, global supply chains have been under the most strain in at least a quarter-century, and have been

## Ford faces supply chain woes over nameplates, company logos

- **Who:** Ford faces a shortage of nameplates and blue oval badges the auto manufacturer places on nearly all of its vehicles.
- **Why:** The blue oval badge shortage is the latest in a series of supply chain shortages affecting the auto industry.
- **Where:** The shortage is worldwide.



Ford is experiencing a shortage of nameplates and blue oval badges the auto manufacturer places on nearly all of its vehicles.

Ford uses the nameplates to specify the model of its vehicles and the blue oval badges to display the company name.

The shortage of blue oval badges and nameplates is traced back to yearslong supply chain issues that disrupted the availability of wire harnesses, semiconductor chips and raw materials, among other things. **CNBC reports.**

Ford reportedly says that the parts shortages have forced the company to delay shipping between 40,000 and 45,000 vehicles to dealers.

# PILE-UP Inside the Ford supply chain crisis with embarrassing new problem after cars pile-up at speedway

**Cody Carlson**

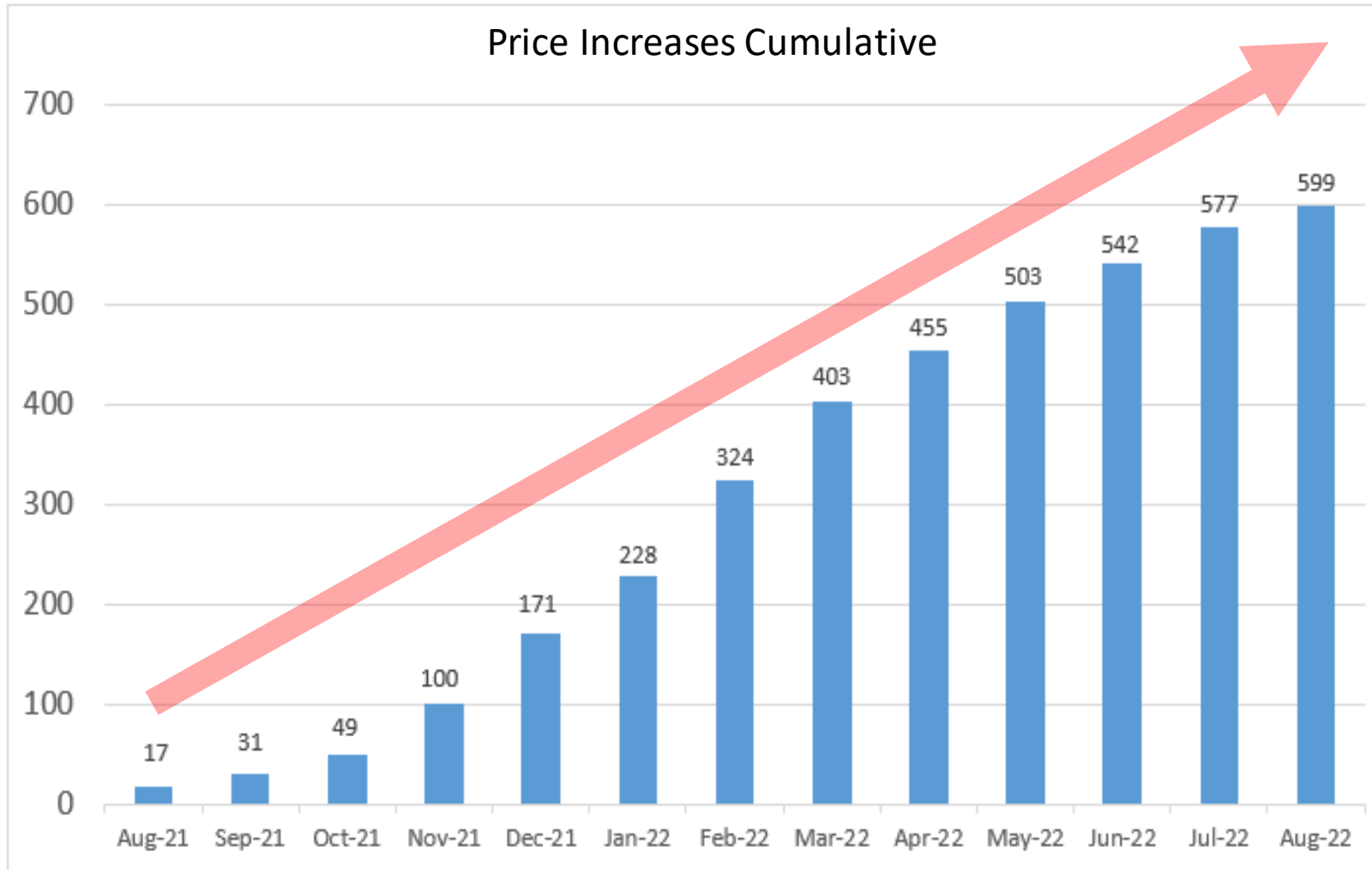
13:49 ET, Sep 27 2022 | Updated: 16:01 ET, Sep 27 2022

Compounding Ford's pain is a microchip shortage leading to the company parking over 40,000 unfinished models at Kentucky Speedway.

The Kentucky Speedway was formerly a NASCAR track but has not held races since 2020 due to poor attendance.

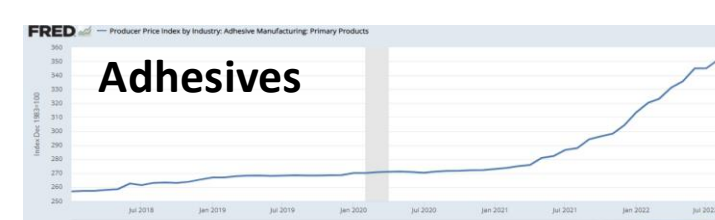
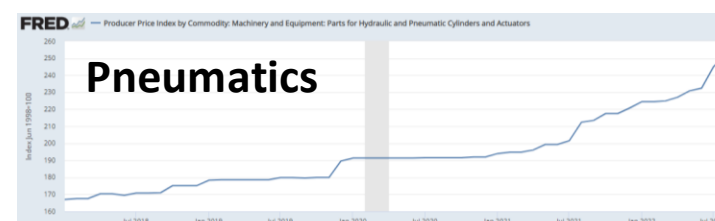
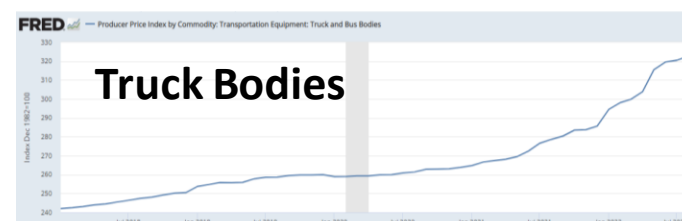
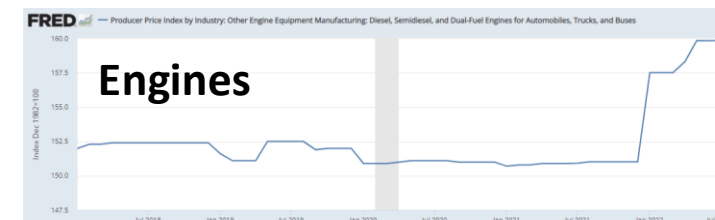
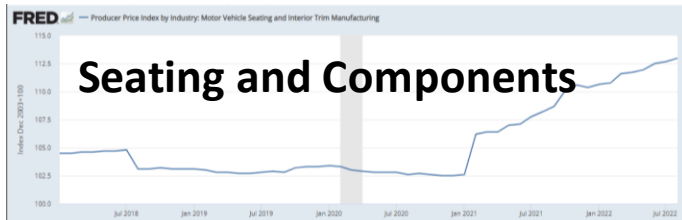
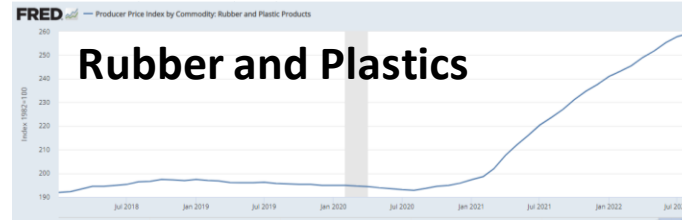
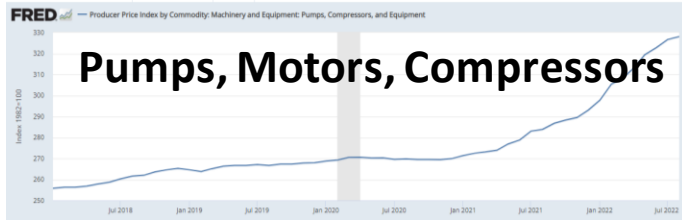


# SUPPLY CHAIN | COST INCREASES NOT REDUCING



- Baseline costs > 35% in most areas.
- Current and hangover increases impacting business financial performance
- Take it or leave it approach from suppliers
- No indication of cost deflation from major suppliers in near term
- Costs beyond raw materials continue to surge

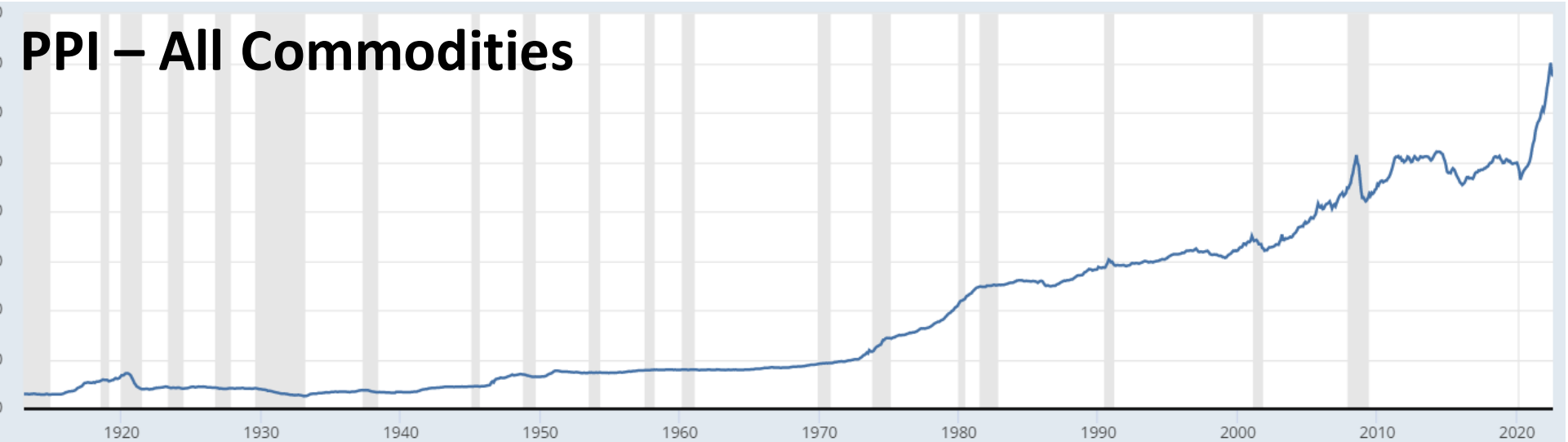
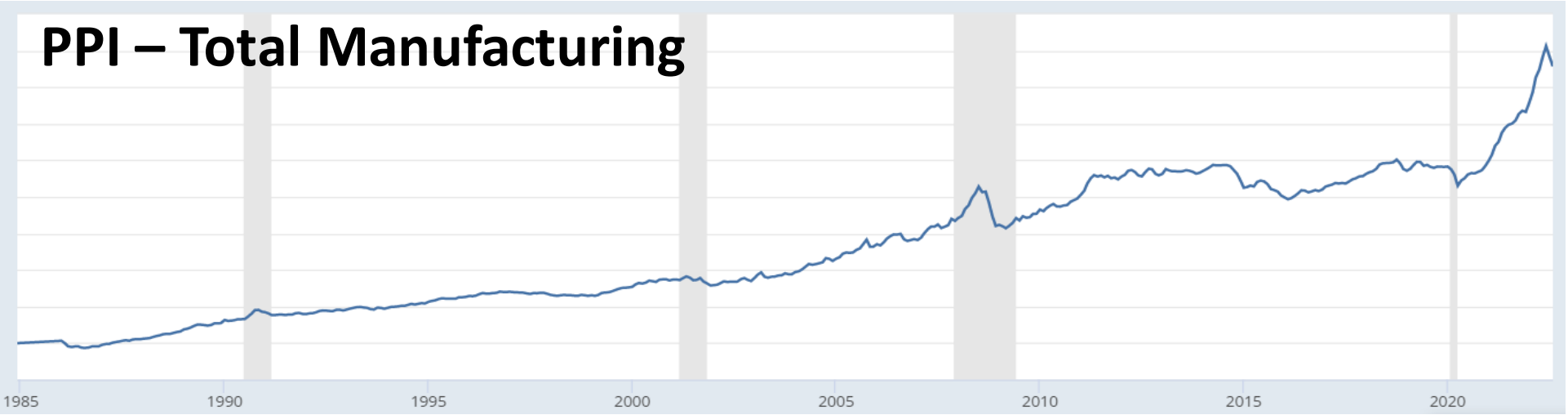
***HIGHEST VOLUME AND % OF PRICE INCREASES EVER FOR OUR INDUSTRY + HIGHEST LEVEL SUPPLIER SHORTAGES***



- Critical component prices continue to escalate
- Limits continue to plague the industry
- Forecasted increase at or above 2022 increases
- Transportation and energy increased cost for every commodity

***Continued cost increases across major components of all sorts***














### PPI:

- The U.S. core PPI was +7.3%, above market expectations
- Food and energy in the US rose 0.6% month-over-month in August of 2022, accelerating from a 0.3% increase in July, and above market expectations of a 0.3% rise.
- Metals seeing temporary adjustment due to currency impacts.
- Metal inventories extremely low with high demand
- Electricity costs have most Aluminum smelters below water

***PPI across manufacturing and commodities up >72% since 2020***

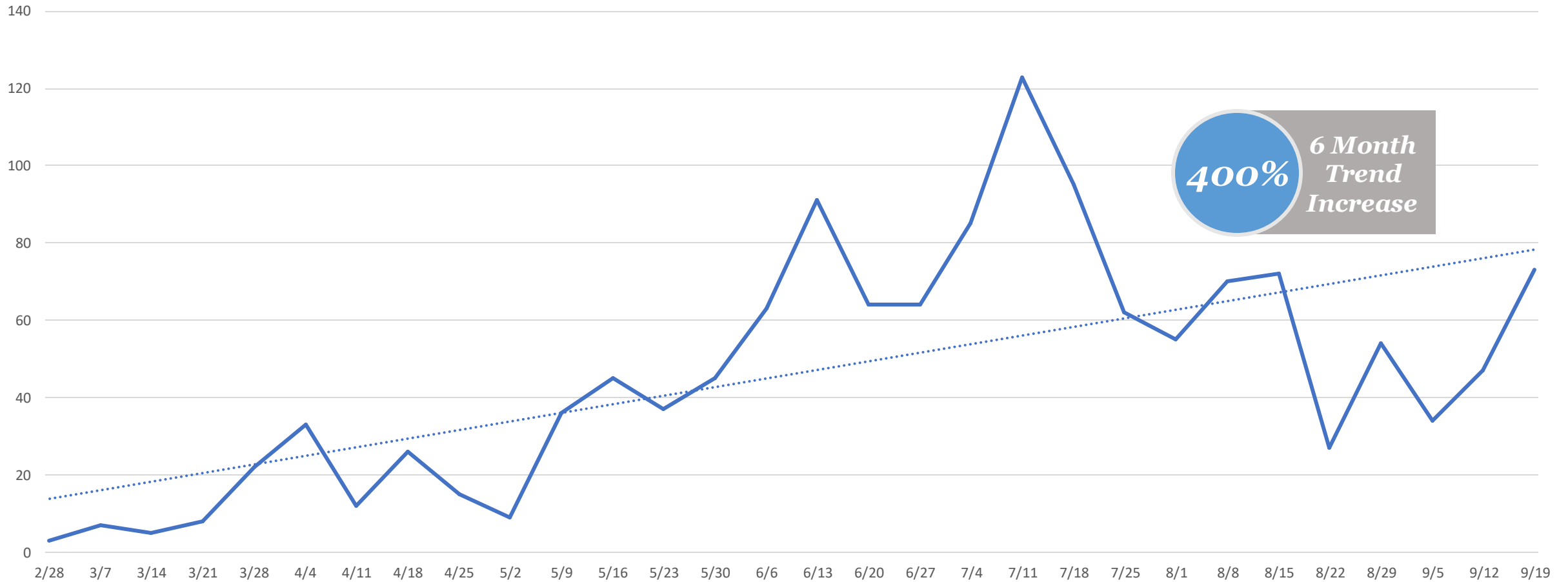
Area	Commentary	2021 - 2022 Increase	2023 - 2024 Est Exposure	NET
 Wheels / Tires	Industry consolidation, rubber costs, strong demand, OEM growth globally	14%	+11%	+25%
 Engines	OEM demand, metals, limited supply, and force majeure	6%	+9%	+15%
 Electronics	Wire harnesses, connectors, micro-processors, wire, switches, cameras	8%	+24%	+32%
 Metals	Aluminum extrusion limited, strong global demand for both aluminum and steel*	16%	+5%	+21%
 Radiators	Copper prices, specialty metals demand, OEM consumption	12%	+8%	+20%
 Coatings	Chemicals, pigments, and additives costs substantially up with automotive demand increasing weekly.	7%	+10%	+17%
 Plastics	Demand for HDPE, PP, and feedstocks very strong. Molded plastic part manufacturing limited due to global demand	18%	+12%	+30%
 Axles	Limits on supply due to parts availability and worker shortages	6%	+10%	+16%
 Chassis	7 major increases on chassis, significant supply chain limits	8%	+9%	+17%

\*Normalized USD

\*\* REV SC Forecast

# SUPPLY CHAIN IMPROVEMENTS | CHASSIS RECEIPTS

Ambulance Chassis: 6 Month Delivery Trend



Hi Jared,

As 2022 comes to a close, I wanted to take this opportunity to wish you and your team a Happy Holidays and a safe and Happy New Year!

The ambulance industry has had some significant hurdles thrown our way these past two years. I'm sure you've heard of the major supply chain shortages, price increases, and extended lead times that have, and will continue to affect us all well into 2025. Despite these challenges, ARV had a record setting year in 2022 for orders and new customers and we look to continue that growth and success into 2023!

Thanks to some excellent planning and a dedicated ambulance manufacturer like AEV (#1 in the US), we continue to have a steady flow of stock units and demos throughout the year. This helps provide a critical resources to agencies caught in this industry lead time crisis, allowing them to maintain the highest possible level of Pre-Hospital care. We also provide price protection AND 100% terms on final delivery, virtually removing all the barriers to a new order and easing any concerns for your decision makers and officers.

ARV continues to improve and re-invest on our post delivery support, with road service capabilities and our ARV Advantage Fleet Maintenance Program, available to all the customers in our 8 state coverage area. With the lead times on new ambulances today being what they are, now is an excellent time to look at your maintenance program and ensure that your current fleet is being cared for as best as possible.

If there is anything I or American Response Vehicles can do for you, please do not hesitate to call.

Wishing you a Merry Christmas and a Happy New Year!

Sincerely,

Ray Devlin

District Sales Manager- East

(Wisconsin, Illinois, Indiana, Kentucky)

American Response Vehicles



Mr. Pete Buttigieg  
Secretary, Department of Transportation  
1200 New Jersey Avenue, SE  
Washington, DC 20590

Dear Secretary Buttigieg:

We are writing to you to share with you our concerns regarding the availability of ambulance chassis and its impact on the delivery of ambulances to all services nationwide. The issue is now at a crisis level.

The American Ambulance Association (AAA), International Association of Fire Chiefs (IAFC), International Association of Fire Fighters (IAFF) and National Association of Emergency Medical Technicians (NAEMT) represent the providers of vital emergency and non-emergency ground ambulance services and the paramedics, emergency medical technicians (EMTs) and firefighters who deliver the direct medical care and transport for every community across the United States. Our members are all experiencing the strain of a shortage of vehicles, and we request that the Department of Transportation leadership encourage the chassis manufacturers to prioritize ambulance chassis productions so we can get inventory to the appropriate and necessary levels.

Lead times for new ambulance deliveries have extended from pre-pandemic norms of 90-120 days (from order to delivery) to 24 months and longer. This means that when an EMS provider loses an ambulance to a crash, or when it exceeds its useful/safe life, they have to wait almost two years to replace it - making it harder to ensure timely responses to 911 calls. A multitude of supply chain issues are impeding ambulance manufacturing, but the significantly reduced and erratic supply of ambulance chassis is the most crippling of the shortages.

Ambulance chassis are supplied by automotive original equipment manufacturers (OEMs) including Ford (accounting for about 80% of demand), GM, Chrysler, Daimler Trucks -North America and Navistar. These OEMs allocate a portion of their chassis production to be built with their required ambulance prep packages. For the past year and a half, ambulance manufacturers have been receiving only a fraction of their chassis orders. This has greatly slowed and disrupted production, and recently necessitated furloughs and layoffs at ambulance factories in places such as Indiana, North Carolina and Ohio. Ambulance factories in California, Florida and elsewhere in the U.S. risk having to furlough employees if supply chain issues are not quickly addressed. These staff reductions will hinder future recovery of the ambulance industry due to very tight labor markets and the time needed to train replacement employees.

The supply issues are happening at a time when ambulance demand from EMS providers is at record-high levels. In a typical year, the North American ambulance industry receives about 6,000 orders. Since 2020, that demand has continuously grown and in 2021 orders increased to 8,500/year (an increase of 41%). A growing chorus of fire chiefs and private EMS providers have gone on record stating their concern about ambulance shortages, including the Chief of EMS at the Fire Department of New York (FDNY), the Deputy Chief at the Washington DC Fire Department (DC Fire), representatives for the Fire Departments of Nashville, Detroit and Miami-Dade, in addition to the Fleet Director at American Medical Response (AMR), which is the largest private ambulance service operator in the U.S.

While the nation is facing supply chain issues in virtually every sector, this issue is a rapidly emerging threat to public safety. The lack of proper equipment puts additional pressure on an EMS system that is already over-stressed. This comes at a time when the country is still battling the COVID-19 pandemic, bracing for hurricane season, and dealing with increased roadway fatalities. The fifth pillar of the Department of Transportation's "National Roadway Safety Strategy" is Post-Crash Care - "Access to emergency and trauma care is critical to the survivability of crashes." The availability of ambulances is a critical element of post-crash care, and the safety of the patients, the first responders and must be addressed immediately.

Through our ongoing discussions with ambulance manufacturers, we know that for the past year they have been raising this issue with the chassis OEMs, several federal government organizations and lawmakers across the country. To date, they have gotten little meaningful traction and the situation has only deteriorated. What is even more alarming is that the chassis OEMs have indicated that the supply issues will continue well into 2023.

Secretary Buttigieg, we are calling upon you to step in and help to resolve this situation. The nation's ambulance manufacturers need a steady, predictable supply of these ambulance-specific chassis to keep production running smoothly and to catch up on the unacceptable backlog of orders from our nation's EMS providers. We ask that the DOT work with the chassis OEMs to truly prioritize EMS by allocating a larger portion of their builds to ambulance manufacturers. Chassis supply should be restored to pre-crisis levels that allow for a continual 90-days of supply. This will position ambulance manufacturers to properly serve our members with timely production. Our hope is that with your help, the right people can come together to solve this issue in support of our nation's EMS providers.

Thank you in advance for continuing to help ensure that ground ambulance service organizations and fire departments and our paramedics, EMTs and firefighters have the ambulances necessary to continue providing critical emergency 9-1-1 and non-emergency care and medical transport.

Sincerely,

American Ambulance Association

International Association of Fire Chiefs

International Association of Fire Fighters

National Association of Emergency Medical Technicians

AMERICAN RESPONSE VEHICLES



*Helping Emergency Services Save Lives*

# ARV PROPOSAL

## Prepared by:

Ray Devlin

American Response Vehicles  
rdevlin@arvambulance.com

**Submitted on:** 12/15/2022

**Valid Until:** 2/15/2023

**WI Dealer License:** MV-5903

## Prepared for:

Jared Thompson

606 East Thomas Street  
Wausau, Wisconsin 54403  
United States

**Quote number:** 00000551

# Cover letter

Dear Jared Thompson,

American Response Vehicles (ARV) is proud to represent AEV Ambulances- one of the safest and most durable ambulances in production today. From the drawing board to the laboratory and finally, to the road, AEV is the most tested and most proven ambulance on the market today. With a multi-decade history of safety testing, every facet of an AEV ambulance is designed for one purpose, to keep your providers safe.

AEV is largest ambulance manufacturer here in the United States, producing an average of 1,500 units every year. That is between 4-8 times more than most other brands. As a result of this success, they have innovated and refined their ambulance body far more than most other manufacturers. Their reliability, low cost of ownership, and proven safety are the reasons they are the most chosen brand across the nation for the most critical mission assignments, by the country's toughest fleets.

At its core, AEV's main focus is on occupant safety. They are still the only manufacturer to have conducted double destructive impact dynamic testing. Unlike most manufacturers who stop at the minimum industry standards, AEV sets all their test requirements to a minimum 27% higher, and often will push for the highest possible test forces. For the roof and side static load testing, AEV exceeds other brands by over 40%!

Being the largest ambulance manufacturer in the US also means AEV builds one of the most dependable and sought-after vehicles in the market. Because of their dedication to detail and reliability, AEV has one of the lowest costs of ownership in the industry. AEV's are designed to stay in service longer, require less maintenance, and be easier to service than any other brand. Built in a State-Of-The-Art 400,000 sq. ft. you can trust that AEV will not only meet but exceed your expectations. All AEV Ambulances come with industry-leading warranties in all areas of the vehicle, a true testament to the reliability of the body!

American Response Vehicles (ARV) is a locally owned Missouri Small Business. We are proud to be one of the largest ambulance dealerships in the Mid-West, representing AEV in 8 states! With over 200 years combined of sales and service experience, you can be assured that American Response Vehicles is the right choice for partnership with your agency. We are proud to offer service at our facilities in Columbia, Madison, Omaha, Chicago, or on-site at your location. Our focus at ARV is service after the sale, ensuring your vehicle is on the road and supporting your area as best as possible. Our dealership also offers many other services such as New and Used vehicles, Remounts, Graphics, Repair, Installations, and more! With hundreds of satisfied customers and counting, we here at American Response Vehicles look forward to working with you!

All AEV ambulances are built to exceed the requirements of the F.M.V.S.S. and KKK-A-1822-F and can be built in line with CAAS and NFPA standards as well. All AEV ambulances are built on ambulance prep chassis. AEV is Ford QVM Certified and a member of the NTEA. All vehicles are built to meet and exceed all national standards and certifications.



# Project Fees



Description	Price
2023 AEV Traumahawk X-Series Type I Custom Ambulance 176" x 96" x 74" 2023 Ford F550, LWB, 4x4, Diesel (Per attached build spec including all requested options)	<b>\$388,950.47</b>
<b>Less AEV, Ford, &amp; ARV Discounts</b>	<b>- \$10,950.00</b>
IMMI Rolltek SRS Supplemental Rollover Airbag System for Occupant Safety	<b>INCLUDED</b>
Delivery, Pickup, Dealer Prep, Factory Inspection, Wisconsin Motor Vehicle Registration	<b>INCLUDED</b>
AEV Cost Subtotal Per Unit:	\$378,000.47
AEV Cost for Two Units:	\$756,000.94
Trade In of Braun Ambulance- 2013 RAM 5500 Diesel 4x4 w/Air Ride Suspension	<b>-\$12,500.00</b>
Trade in of Braun Ambulance- 2014 RAM 5500 Diesel 4x4 w/Liquid Spring	<b>-\$15,000.00</b>
Price for 1st AEV Type I Ambulance after 2013 Trade In	\$365,500.47
Price for 2 <sup>nd</sup> AEV Type I Ambulance after 2014 Trade In	\$363,000.47
<b>TOTAL PRICE FOR TWO NEW 2023 AEV Type I Ambulances</b>	<b>\$728,500.94</b>
Ferno Provided Equipment (Includes Cot, Equipment Brackets, Support, and Cot Trade in Values)	\$ 87,144.00
<b>Note: Ferno Quote Expires December 30<sup>th</sup>, 2022!</b>	

**FINAL TOTAL FOR (2) TWO AEV Type I Ambulances w/Ferno Equipment: \$815,644.94**

Terms are 100% NET at final delivery. No Down Payment Required for AEV purchase. Customer reserves the right to cancel at any time prior to Final Order Confirmation. No Change Order Fees for redesign between Order and Confirmation

# Optionally Priced Items- Not Included Above

Description	Price	Qty	Subtotal
AEV X-Body Aluminum Cabinetry instead of Wood	\$5,000.00	1	\$5,000.00
Revert to AEV Traumahawk instead of AEV X-Body (Removes 2 <sup>nd</sup> Recesses Ceiling Grab Rail, Light Rail, and Zero cost options for this package like LX1 Multiplex System, Auto Shade Windows, and Power Door Locks)	(\$10,000.00)	1	(\$10,000.00)

## Build Spec Includes the following options:

- Per4Max Harness System
- Door Forward Design with ALS Inside/Outside Cabinet at Head of Squad Bench
- Upgraded HVAC System w/2<sup>nd</sup> Compressor
- Red Paint to match fleet scheme
- 2<sup>nd</sup> AC Compressor on motor
- Black Out Package on all exterior applicable components
- Electric Auto Shade Body Door Windows
- Federal EQ2B Siren
- Federal Rumbler Siren
- Buell AirHorn System
- Aluminum Cabinetry
- Dry Erase Interior
- Multiplex Electrical System
- ActiveTek Air Filtration System for rear HVAC
- Custom Compartmentation Design to include SCBA Mounting and Firematic Storage
- Upgraded Modular mounting with Crash Tested Vibration Mitigation Isolators
- 20+ year history of Dynamic Crash Testing and Occupant Safety Innovations
- Industry Leading Warranties including 20 Year Unlimited Structural Warranty and 7 year/70,000 mile Paint, Conversion, and Electrical Warranty, all non-prorated 100% coverage
- LED Strip Lighting in all Compartments
- LED Cabinet lighting
- Dri-Dek Matting in all compartments
- Rubber Matting in all interior cabinets
- Adjustable Dividers in interior drawers and Overhead Cabinetry
- FireTek Upgraded OEM Grille with LED Front Flood Lighting and Integrated Whelen Warning Lighting
- Ferno Intraxx Equipment Rail Systems and Intraxx Cardiac Monitor Bracket included inside module
- Zico Electric O2 Lift
- Upgraded Front Chassis Bumper
- Federal Q2B Mechanical Siren!
- And more!



# Project Timeline

## Project Review

- 2 to 4 weeks
- Review Work Order
- Review Interior & Exterior Drawings
- Submit changes to the factory
- Work Order Confirmation
- Project Review
- Our engineering team reviews the interior and exterior drawings.
- Submits any necessary changes to the factory and processes the work order confirmation.

## Paint & Production

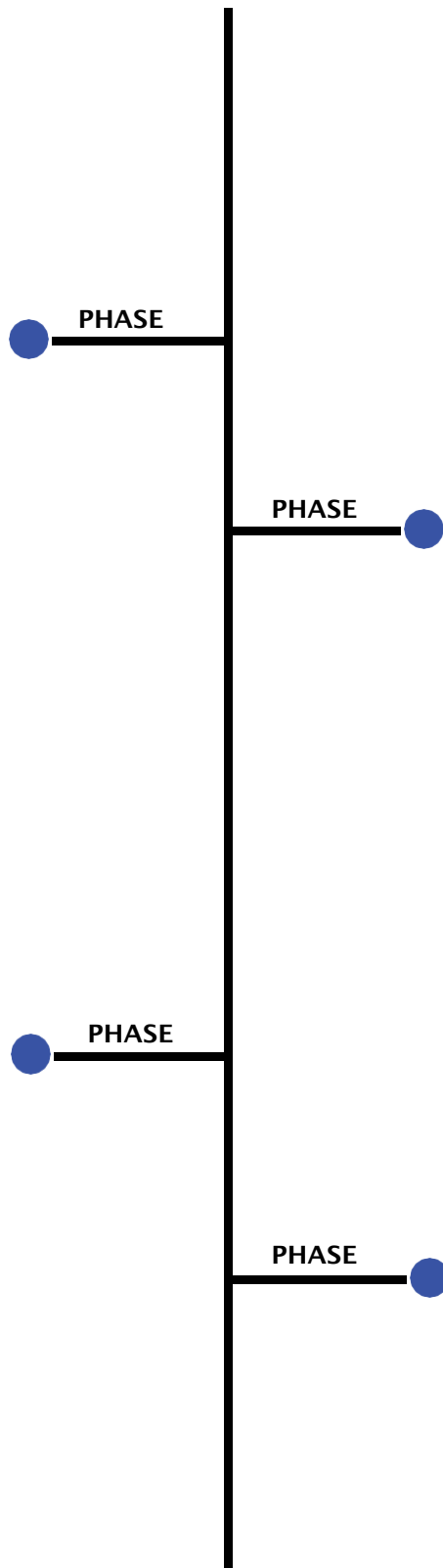
- 6 to 10 weeks
- Aluminum body arrival inspection
- Paint Application
- Body Mounting
- Mid-Point Inspection
- Production Line Completion
- Graphics Install
- QC Inspection

## Aluminum Body Construction

- 4 to 6 weeks
- AEV Engineering will review and confirm the modular body design with Mickey Truck Body.
- Mickey start construction on the aluminum modular body.
- Construction of the aluminum modular body takes 4 weeks from start to finish.
- Upon inspection and approval of the aluminum body, Mickey will ship the aluminum body to AEV.

## Inspection & Delivery

- 1 to 3 weeks.
- With final inspection by AEV done, the body is delivered to ARV. We complete an additional checklist inspection before delivering the body to the end user.
- Arrival Check List
- Delivery to End User



Sign-off



Standard chassis manufacturer's warranties apply and will start on the date and mileage at delivery. The warranty on our all-aluminum fully welded modular body is 20 years. Our conversion warranty, including our electrical system, paint, and graphics, is seven years or 70,000 miles.

All parts and services are available through our main facility in Columbia, Missouri. Additionally, we have satellite locations in Chicago, Illinois; Madison, Wisconsin; and Omaha, Nebraska. We provide industry-leading service with our EVT-certified Road Service Team, who will service your new ambulance right in your facility. We will also work with your existing service relationships, providing quick and reliable technical support at the dealership and factory level and rapid response on parts supplies for all module needs.

We are extremely confident you'll be 100% satisfied with your purchase. We look forward to continuing our partnership with your agency for many years!

Thank you for considering ARV. We look forward to continuing to provide you with the very best ambulance available in the market today. If I may be of any assistance, please contact me at 1-888-448-8881.

Sincerely,

Ray Devlin  
Regional Sales Manager



Quote Prepared For Our Valued Customer:  
**WAUSAU FIRE DEPARTMENT**

Account ID: 66127120

Quote #: 15963

## Customer Contact:

Jared Thompson  
(715) 261-7915

Jared.thompson@ci.wausau.wi.us

## Billing Address:

WAUSAU FIRE DEPARTMENT  
606 E THOMAS ST  
Wausau, WI  
54403

## Shipping Address:

WAUSAU FIRE DEPARTMENT  
606 E THOMAS ST  
Wausau, WI 54403

Terms: Net 30 Days

Valid Until: Dec 30, 2022 Freight Quote #:

Carrier: R&amp;L

FOB Origin: TBD

## Your Sales Representative is:

**Holly Dietzler**

h.dietzler@ferno.com

(612) 581-8200

## Your Customer Service Contact is:

**Sam Johnson**

s.johnson@ferno.com

(877) 733-0911

Quantity	Item #	Product	Customer Price
2	0000INXINLIND WL	INX INLINE W/DWL SHIP KIT	\$ 67,864.96
2	FWESX	SX, SURFACE EXTENDER PAIR	\$ 5,508.80
2	0822453	INX TELESCOPING FRAME STO-NET	\$ 432.00
2	0822451	KIT, BACKREST PANEL MNT HOOK	\$ 307.20
2	LAIV3SCL	INX/MONDIAL MB 3 STAGE IV POLE	\$ 1,062.40
2	0822480	INX BATTERY 30% CHARGE	\$ 1,230.40
2	ILFL102UFPDC	INLINE 102 W/UFP MOUNT DC 102 inch iNLINE Fastener with Universal Floor Plate and DC Charging	\$ 12,011.04
2	FWESLH	SLH, SIDE LIFT HANDLE PAIR	\$ 1,096.00
2	FWELFH	INX LOAD END FLIP OUT HANDLES	\$ 1,147.20
1	0990118	INX COT CARE REPAIR/PER STUDNT — cost for 2 people to be cot care trained (includes computer)	\$ 1,500.00
1	SPECIAL CHARGE	Cot Care Travel Exp — technician comes and trains onsite in Wausau	\$ 2,000.00
1	0990117	TRADE IN PRODUCT — Trade in for 2 Stryker cots & Powerloads	\$ -11,500.00
2	0480151	INTRAXX D360 WALL MOUNT	\$ 3,648.00
2	0480042	LAERDAL LSU MOUNT, INTRAXX	\$ 836.00

Hard Copy PO Required?  Yes  No

Approval: \_\_\_\_\_  
Printed Name Signature

Credit Card: \_\_\_\_\_ Secure Code: \_\_\_\_\_ Exp: \_\_\_\_\_

**Subtotal:** \$ 87,144.00  
**Sales Tax:** \$ 0.00  
**Shipping:** \$ 0.00  
**Your Price:** \$ 87,144.00

Comments:



QUOTATION

Wausau Fire Department  
 Jared Thompson  
 606 E Thomas St  
 Wausau, WI 54403  
 715-261-7915

American Response Vehicles  
 Ray Devlin  
 7646 Conifer Ct  
 Unit M8  
 Deforest, WI 53532

**Exp. Date:** 12/01/2022  
**Quote No:** 10068-0001  
**TYPE I:** 172T1LWXFT 172 LWB Ford T1 X Series Top Level  
**GENERAL:** GEN\_INFO X \*\*\*\*\*BID STANDARDS\*\*\*\*\*  
**CHASSIS:** F-4/550LB \*\*\*\*\*F-Series 108ca CHASSIS\*\*\*\*\*  
**CONVERSION:** 172T1LWBFX 172 x 96 T-1 LWB Ford X-Series, Conversion  
**BASE:** 172T1LWBX 172 x 96 T-1 LWB Ford X Base Price

12/13/2022

Page 1

S	DESCRIPTION	QTY
	== *****BID STANDARDS***** - 35.012 10/05/22 ==	
	-- Order Date: Post August 1st, 2022	1
	-- Ambulance Built to CAAS GVS 3.0 Certification	1
	CAAS GVS 2.0 Certification issued, Sticker issued for completed Vehicle.	
	Exception report generated as necessary.	
	Payload Capacity > minimum per vehicle with optional permanently mounted equipment shall be per the ambulance type.	
	Weight spreadsheet shall calculate each seating position at 175 lbs.	
	Weight analysis per CAAS GVS table.	
	Additional Exceptions to print or report out when chosen.	
	>>>	
	>> Backup camera is required on every model, please ensure to add <<	
	-- Upgrade suggestions to sales to meet CAAS GVS 3.0	1
	The following items shall be reviewed with the customer, and added or take an exception to CAAS GVS 2.0	
	>> Backup alarm Must NOT have a disable switch. <<	
	>Front OEM bumper must remain OEM, all others are an exception	
	>>	
	>C.18.7 FSAM (AEV) does not provide a final BOM per vehicle, no option to meet.	
	> C.9.6 rear bumper must contain open bar grate design. (AEV std flip step meets, provided not modified).	
	>C.10.2 pass thru cab connection must be latching,	
	>on-board permanent mount suction system required	
	>trash enclosure to have a latching lid.	

S	DESCRIPTION	QTY
	> 2nd Fire Extinguisher to be added to the order, installed.	
	-- Vehicle Destination any state other than Connecticut	1
	Vehicle Quantity (Vehicles)	1
	ACCOUNT SPECIALIST: Mikael Blevins	1
	Revision Level: 0 - Zero - ORIGINAL VERSION	1
<b>S</b>	<b>Wood Composite Cabinet Configuration</b>	
	== *****F-Series 108ca CHASSIS***** - 35.012 10/05/22 ==	
	Type I AEV Traumahawk Modular Ambulance	1
<b>S</b>	2023 Ford, F-550 4 x 4 DRW Reg Cab, 193.3" WB, XLT Turbo Diesel	1
	Price includes 2023 MY Estimate	
	Replace Standard Wheel Simulators with RealWheels Corporation Stealth Series Black Simulators ILOS.	
	-- Wheel Finish: Polished SS Wheel Simulators (F-550)	1
	AEV to purchase and install Real Wheels Corporation Stealth Series Black Wheel Simulators ILOS. Include hub and axle covers black.	
	RealWheels Corporation	
	3905 Route 173	
	Zion, IL 60099 USA	
	1-800-982-1180	
	-- Cab Door Locks: Power XLT- Auto Lock,Auto Unlock Standard	1
	-- Ford F series High center mount brake light ordered with chassis	1
	-- Shock Absorbers: OEM, HD Gas Type, 1.38 inch	1
	-- DEF Urea Surcharge, Emission Compliance Fill up	1
	-- Throttle Control System	1
	-- Ford Type 1 F OEM Backup camera Kit ,Declined, Use different camera ILOS	1
	Return camera kit and harness system to PDI group, Keep at AEV.	
	-- Tire Pressure Monitoring System: None	1
	-- Ford OEM Front Suspension Coil Spring Std F-450/550	1
	-- Rear Suspension: F-550 Liquid Spring, 2017+	1
	*NOTE: If Oxygen Lift is installed, then if the O2 Cmpt Door is open, the kneeling suspension will not dump until door is closed*	
	Part; SUSP-DS147FS4A Rated for 13,660 GAWR	
	-- ""DETAIL"" Liquid Rear Suspension Decal Install	1
	Prior to delivery, detail department is to install a Black Decal on the dash:	
	-- Kneeling Feature: Enable Switch Located in CAB console	1
	-- Kneeling Feature: Activated by TRAILING rear access door	1
	-- Exhaust system termination point: OEM Location, Rt Rear	1
	-- Liquid spring controller installed on dash, left of steering column on ford F	1
	-- Rear Stabilize (Anti-Sway) Bar: OEM, Ford F-450/550	1
	-- OEM Certified Idle System Stickers: On Front Cab Fenders	1
	Fuel Surcharge, F-350/450/550, All-WB Chassis, DR-90 & Larger	1
<b>S</b>	== 176 x 96 T-1 LWB Ford X-Series, Conversion - 35.012 10/05/22 ==	
	Tire Valve Extensions, S/S Braided, PR, Dual Rear Wheel	1



S	DESCRIPTION	QTY
	BODY Generation 10	1
	-- ALL DIMENSIONS ON ORDER WILL HAVE A VARIABLE OF + OR - 1/4"	1
	Unless specified as a minimum dimension.	
S	Body, Mod: Type 1 LWB, 176" x 96" x 74" Interior HR - 6" Body Drop x Increase headroom to 74" ILOS	1
S	-- Headroom: 76/74" Finished Interior - Ducted A/C	1
	-- Compartment and Entry door Full length Stainless Steel Hinges std	1
	-- Compartment Construction: STANDARD, Unless Specified Otherwise	1
	Sides and Back: .100 Polished Aluminum Diamond Plate	
	Compartment Ceiling: .090 Aluminum Sheet	
	-- Compt Floors: Sweep-out, even with bottom door jamb	1
	Unless Specified Otherwise.	
	-- Compartment floor thickness .125" standard	1
	-- Compartment Ventilation - Flap style #VT-2495-A01, STD	1
	-- Curbside Entry Door (CSE): 84.813"H x 31.0"W X w/6" drop T1 T9	1
	-- C/S Door Check : Double Action Gas Shock	1
	-- Door Swing Angle: Set to 90-100 degrees	1
	-- Curbside Entry Door (CSE) Location: Forward of M-7 Compartment	1
	-- Step Well, CURBSIDE Entry Door, 2-Step Embossed Diamond Plate X series	1
	(2) Steps : 9" Risers x 10" Tread on horizontal surfaces only	
	-- Light, Step Well: 3" Kinequip #4302S, Chrome, LED, STD	1
	Light shall come on with CS door or with right flood switch.	
	-- IATS Light, Step Well: 3" Kinequip #430204S, Chrome, LED	1
	Light shall come on with CS door or with right flood switch.	
	-- Entry Door Trimark Free Float Polished CNNC Finish STD	1
	-- Talk through, Cab to Mod Window (T1) With Sliding Window 2020+ F	1
	-- Body Drop: 6" Both Sides, Ahead of Rear Wheels	1
S	-- M-1 Compt (LF): 69.5" H x 22.125" W x 20.0" D W/ Black Handle	1
	-- Compartment Construction: STANDARD Diamond Plate	1
	Sides and Back: .100 Polished Aluminum Diamond Plate	
	Compartment Ceiling: .090 Aluminum Sheet	
	-- Compartment Door Panel: Diamond Plate	1
	-- Compartment Finish: Diamond Plate Standard	1
	-- Compartment Door Ventilation - small punched half-moon Louvered Door	1
	-- Aluminum Rain Diverter -Double Louver Column Installed in Compt Door	1
	AEV to build and install	
	-- Compt Floor: Sweep-out, even with bottom door jamb.	1
	-- Compartment floor thickness .125" standard	1
	-- Compartment Door: SINGLE DOOR, Forward hinged 2-point Latch	1
	-- Compt Door Check: Double Action Gas Shock	1
	-- Door Swing Angle: Set to 90-100 degrees	1
	-- Light, Cmpt: TecNiq E44 Strip Light, E44-W440-1 : Install - ILOS	1
	MTB Note: No light hole required	
	Location: Light Strip to be installed on all sides (Except Bottom)	
	Strip length 198" maximum, Strip to be cut to length by manufacturing and connectors installed.	

S	DESCRIPTION	QTY
	-- Compartment M1 Wall Prep For O2 Lift Build out back wall to 14" deep. !!!!Make sure cmpt is at least 21.6" width minimum with a 10" cab extension to work!!!! Final compartment interior Dimension wall to wall minimum must be 18 5/8" minimum.	1
	-- M-1A Comp (LF Upper):72 HR, 17.56" H x 22.125" W x 20.0" D W/ Black Handle	1
	-- Compartment Construction: STANDARD Diamond Plate	1
	Sides and Back: .100 Polished Aluminum Diamond Plate Compartment Ceiling: .090 Aluminum Sheet	
	-- Compartment Door Panel: Diamond Plate	1
	-- Compartment Finish: Diamond Plate Standard	1
	-- Compartment Ventilation - M-1A Pancake Fan & 1-Column of Louvers	1
	-- Aluminum Rain Diverter -Single Louver Column Installed in Compt Door	1
	AEV to build and install	
	-- Compt Floor: Sweep-out, even with bottom door jamb.	1
	-- Compartment floor thickness .125" standard	1
	-- Compartment Door: SINGLE DOOR, 1-point Latch	1
	-- Compt Door Check: Double Action Gas Shock	1
	-- Door Swing Angle: Set to 90-100 degrees	1
	-- Light, Compt, LED, M-1A (LF Upper): Intertek Model No ZY-156-LEDC, STD	1
	MTB Note: 1" Hole, Centered in Compartment ceiling	
S	-- M-2 Compt (LFM): 40.5" H x 49.875" W x 20.0" D W/ Black Handle To include SCBA Zico Quick Release Bracket in #1/#2 corner of compartment with 45 degree angled bracket.  Include two single coat hooks on left compartment door inner door frame, one on top of another, centered in door panel evenly spaced.  Include single coat hook on right compartment door inner door frame, near top of compartment door  There will be a closeout on the ceiling in the #2/#3 corner. Space below the closeout to be used for bag storage	1
	-- Compartment Construction: STANDARD Diamond Plate	1
	Sides and Back: .100 Polished Aluminum Diamond Plate Compartment Ceiling: .090 Aluminum Sheet	
	-- Compartment Door Panel: Diamond Plate	1
	-- Compartment Finish: Diamond Plate Standard	1
	-- Compt Floor: Sweep-out, even with bottom door jamb.	1
	-- Compartment floor thickness .125" standard	1
	-- Bio-Waste None;	1
	-- Doors, Compartment, DOUBLE DOORS (std)	1
	-- Compt Door Check: Double Action Gas Shock	1
	-- Door Swing Angle: Set to 90-100 degrees	1
	-- M-2 Shelf, Adjustable, Ext: .125 Smooth Alum, 2" Upward lip	1
	-- Shelf Bracket: 90 Deg with Slotted Holes	1
	-- Light, Cmpt: Vista LED Rope Style #FSW1F, ILOS X-Series units	1
	MTB Note: No light hole required	
XS	-- Condenser, 12V: Pro -Air Dual Fan, FRKG 126 Front of Body over Cab 70,000 BTU	1

S	DESCRIPTION	QTY
	-- ARCTIC WEDGE Front of Body part #WEDGE-HVAC >>> No Pre-drilled light holes. Use of the wedge is subject to engineering review and approval for Light duty Type III models. A reduction in light sizing above the wedge may be required.	1
	-- Painted Part- Painted Special color to match Body	1
	-- Standard Conduit: 1-1/2", with pull wire	1
	-- CONDUIT ORIGINATION POINT: M-1A Compartment	1
S	-- CONDUIT TERMINATION POINT: Behind Drivers Seat	1
	-- Conduit #2 1-1/2" diameter, with pull wire, Type 1 units Std	1
S	-- CONDUIT ORIGINATION POINT: M-2A compartment	1
S	-- CONDUIT TERMINATION POINT: Behind Rear Action Area Panel	1
S	-- Full Height Divider in M-2 Add divider to M-2, 12" from #3 wall.	1
	-- M-2.5 Exterior electrical (LWW): 28" H x 48" W x 6" D	1
	-- Compartment Construction: 100% Smooth Aluminum ILOS Sides and Back: .090 Aluminum Sheet Compartment Bottom: .125 Aluminum Sheet Compartment Ceiling: .090 Aluminum Sheet	1
	-- Compartment Finish: Other than Diamond Plate Paint Shop to Refer to Body Section of Shop Order for Details.	1
	-- Door, Compartment, SINGLE DOOR, 2-point Latch ILOS Top Hinged Gas strut hold opens on both sides to lift door. Nylon strap installed on foot man loop to aid in closing door after opened.	1
	-- Compt Door Check: Double Action Gas Shock	1
	-- Door Swing Angle: Set to 90-100 degrees	1
	-- Lights, (2) Compartment: Kinequip #KSLC8 8", Strip Light, M-2, STD MTB Note: No light hole required (1) on ceiling, centered near door jamb, on angled bracket and (1) on Wall #3, near door jamb, on angled bracket, to illuminated under shelf	1
S	-- M-2.5 Compt Drawer (LWW), 10.5"H x 32.5"W x 20"D W/Black Handle Compartment located above rear wheel well, streetside of body.	1
S	-- M-3 Compt (LR): 64.5"H x 31"W x 20.0"D W/Black Handle Compartment to have double doors ILOS. SCBA storage on lower #1 wall in #2 corner, angled bracket. Locate 5LB Fire Extinguisher on lower #3 wall at floor level Include two single coat hooks on left compartment door inner door frame, one on top of another, centered in door panel evenly spaced. Include single coat hook on right compartment door inner door frame, near top of compartment door Closeout on #1 wall for interior cabinet	1

S	DESCRIPTION	QTY
	-- Compartment Construction: STANDARD Diamond Plate Sides and Back: .100 Polished Aluminum Diamond Plate Compartment Ceiling: .090 Aluminum Sheet	1
	-- Compartment Door Panel: Diamond Plate	1
	-- Compartment Finish: Diamond Plate Standard	1
	-- Compt Floor: Sweep-out, even with bottom door jamb.	1
	-- Compartment floor thickness .125" standard	1
	-- Compartment Doors: DOUBLE DOORS, ILOS single	1
	-- Compt Door Check: Double Action Gas Shock	1
	-- Door Swing Angle: Set to 90-100 degrees	1
	-- Shelf, Adjustable, Ext: .125 smooth Aluminum, 2" Upward Lips	1
	-- Shelf Bracket: 90 Deg with Slotted Holes	1
	-- Light, Cmpt: Vista LED Rope Style #FSW1F, ILOS X-Series units	1
	MTB Note: No light hole required	
S	-- SCBA Bracket and Coat Hooks SCBA storage on lower #1 wall in #2 corner, angled bracket.  Locate 5LB Fire Extinguisher on lower #3 wall at floor level  Include two single coat hooks on left compartment door inner door frame, one on top of another, centered in door panel evenly spaced.  Include single coat hook on right compartment door inner door frame, near top of compartment door	1
S	-- M-5 Compt (RR): 72 HR, 82.812" H x 30.25" W x 21." D w/Black Handle IATS: Install an adjustable .125" speedlined divider between the #1 wall and the fixed vertical divider in compartment. 14x60" option 4	1
	-- Compartment Construction: STANDARD Diamond Plate Sides and Back: .100 Polished Aluminum Diamond Plate Compartment Ceiling: .090 Aluminum Sheet	1
	-- Compartment Door Panel: Diamond Plate	1
	-- Compartment Finish: Diamond Plate Standard	1
	-- Compt Venting - Compartment Ceiling O O O and Square Holes Horiz ARV STYLE MTB NOTE: hat channel with three (4") holes above the hat at the ceiling level. >> Additional Horizontal square holes in out facing vertical hat channel.	1
	-- Compartment Door Ventilation - small punched half-moon Louvered Door	1
	-- Aluminum Rain Diverter -Double Louver Column Installed in Compt Door AEV to build and install	1
	-- Compt Floor: Sweep-out, even with bottom door jamb.	1
	-- Compartment floor thickness .125" standard	1
	-- Compartment Door: SINGLE DOOR, Forward hinged 2-point Latch	1
	-- Compt Door Check: Double Action Gas Shock	1
	-- Door Swing Angle: Set to 90-100 degrees	1
	-- Compartment Right -Single Door Handle Trimark Polished 030-1875 STD	1
	-- Recessed Door Inner Panel: For StairChair Depth See special drawing	1

S	DESCRIPTION	QTY
	-- M-5 Divider, Vertical, Full compartment height, smooth alum, Fixed	1
S	-- M-5 Shelf, (3) Adjustable, Ext: .125 Smooth Aluminum, Partial Width 2" lips upw Locate (3) Adjustable .125" shelves between fixed divider and #3 wall. Located above slide out stair chair storage bracket with room to store a Fero EZ Glide Stair Chair	1
	-- Shelf Bracket: 90 Deg with Slotted Holes	1
	-- Strap: 2" Webb Seatbelt buckle chrome footman loops -Custom Length ILOS	1
	-- 2" Footman Loops: Locate back from jamb	1
	-- Light, Cmppt: Vista LED Rope Style #FSW1F, ILOS X-Series units MTB Note: No light hole required	1
S	-- Stair Chair Slide Out Bracket Install a slide out tray in the M-5 compartment at floor level against the #3 wall to house a customer supplied Fero EZ Glide Stair Chair. Install strap on tray to hold Stair Chair in place. Tray to have yellow locking handle to keep tray in compartment or actuate slide mechanism.  Stair Chair to have wall connected to tray to lean against on the #3 side.	1
S	-- M-6 Compt (RRFwd): 24" H x 10.5" W x 20.0" D - Sharps/Waste Containers Compartment height to extend to top of sharps/waste drop in at aft of squad bench.  Both Sharps and Waste containers to be mounted in M-6 compartment on top of adjustable shelf. To be removed from M-6 compartment when containers need to be emptied.  Remaining storage in M-6 to be below shelf	1
	-- Compartment Construction: STANDARD Diamond Plate Sides and Back: .100 Polished Aluminum Diamond Plate Compartment Ceiling: .090 Aluminum Sheet	1
	-- Compartment Door Panel: Diamond Plate	1
	-- Compartment Finish: Diamond Plate Standard	1
	-- Compt Floor: Sweep-out, even with bottom door jamb.	1
	-- Compartment floor thickness .125" standard	1
	-- Compartment Door: SINGLE DOOR, 1-point Latch	1
	-- Compt Door Check: Double Action Gas Shock	1
	-- Door Swing Angle: Set to 90-100 degrees	1
	-- Compartment Right -Single Door Handle Trimark Polished 030-1875 STD	1
	-- Shelf, Adjustable, Ext: .125 smooth Aluminum, 2" Upward Lips	1
	-- Shelf Bracket: 90 Deg with Slotted Holes	1
	-- Light, Compt, LED, M-6 (RRF): Intertek Model No ZY-156-LEDC, STD MTB Note: 1" Hole, Centered in Compartment ceiling	1
	-- M-7 Compt (RF): 72 HR, 67.5" H x 25.25" W, I/O to ALS W/ Black Handle	1
	-- Compartment Door: SINGLE DOOR, Forward hinged 2-point Latch	1
	-- Compt Door Check: Double Action Gas Shock	1
	-- Door Swing Angle: Set to 90-100 degrees	1
	-- Light, Compt, M-7 (RF): NONE	1
	-- M-8 Drawer (RF): NONE. Batteries Under Hood	1
	--	1
	-- Rear Access Doors: 46.75" Wide x 60.625" High	1
	-- Rear Entry Doors Trimark Free Float Polished CNNC Finish STD	1
	-- Insulation: All Module Doors, 2" Black Foam, X-Series units #INSU-ARM2	1

S	DESCRIPTION	QTY
	-- Insulation: All Module Doors, Black Sound Proofing, X-Series units #INSU-KSU	1
		1
	<b>WELDING - CELL 1</b>	
	-- Stainless Steel - Sill protection: For the following compartments	1
	-- M-1A: Left Front Compartment - Multiple Bend	1
	-- M-1: Left Front Compartment - Multiple Bend	1
	-- M-2: Left Front Middle Compartment - Multiple Bend	1
	-- M-3: Left Rear Compartment - Multiple Bend	1
	-- M-5: Right Rear Compartment - Multiple Bend	1
	-- M-6: Right Rear Compartment - Multiple Bend	1
	-- M-7: Right Front Compartment - Multiple Bend	1
		1
	Fuel Fill: CPI FG5301-1-238-U Open Housing, Polished Bezel - 53 degree (Std)	1
S	-- Fuel over Fill protection plate: Stainless Steel - Speedliner Black 12" Wide Stainless steel shield shall be contoured to fit under the fuel filler housing.	1
	Speedliner Black	
	Urea Fill: CPI FG5301-1 Inlet Housing	1
S	-- DEF over fill protection plate: Stainless Steel- Speedliner Black Speedliner Black	1
	BODY PROTECTION AND TRIM PACKAGE: F3/4/550 X-Series Units	1
S	-- Wire/Hose Cover : Diamond Plate, Between Cab & Module- Black Speedliner To be Powder Coated BLACK ILOS	1
	-- Pass-Thru cab mounted wind deflector - Smooth Aluminum	1
	-- Painted Part- Painted Special color to match Body	1
	-- Bumper, Rear: X-Series 1/9 96" Wide w/ Embossed D/P Pontoon Covers X-Series Design. MTB; Delete std bumper.	1
	-- Step, Center:2" x 9" Bar Grate, flip-up, recessed Standard with X series,> AEV builds MTB delete flip up step.	1
	-- Dock Bumpers: Rubber D-Shape, 4" H x 18" W x 4" Thick X -series	1
S	-- Fenders, Rear: Black Gloss Speedliner	1
	-- Corner Caps "X Series:	1
S	-- Front Corner Caps: 24.0" High, Black Speedliner NOTE: Standard Front Corner Caps from Mickey Body If there is a body drop, add the appropriate height to Corner Caps.	1
	Black Powdercoat	
	-- Rear Corner Caps: 24" High, Polished Diamond Plate, X-Series Purchasing NOTE: Special Order from vendor. Delete standard rear corner caps from MTB If there is a body drop, add the appropriate height to Corner Caps.	1
	Black Speedliner	
	-- Rear Kick Plate: Aluminum D/P, Recessed, X-Series 96" wide STD Type 1 Delete standard rear kick-plate from MTB	1

S	DESCRIPTION	QTY
S	-- Recessed Tag Area: Black Speedliner	1
	-- Location: Centered in the kick plate	1
	-- Tag Light: Kinequip LED #132703C	1
	-- Rear Flip up Step Lights, (2), Kinequip LED Strip light #KFL-SLC8	1
	Mounted above rear bumper flip up step, in kick-plate recess	
S	-- Front Stone Guards: 24.0" High, Alum Diamond Plate- Black Speedliner	1
	If there is a body drop, add the appropriate height to Stone Guards.	
	-- Skirt Rails: Polished D/P, w/ 12-inch LED Lights, X-series >>	1
	MTB, >Built by AEV	
	-- Skirt rail Lights, Front Pair 12" LED	1
	(1) Each side, forward position, in front skirt rail	
	-- (2) Skirt rail LED Strip Lights, Red/White 12" X-series	1
	NOTE: Mount Red On TOP and Clear on Bottom	
	-- Skirt rail Lights, Middle Pair 12" LED	1
	(1) Each side, rear position, in front skirt rail	
	-- (2) Skirt rail LED Strip Lights, Red/White 12" X-series	1
	NOTE: Mount Red On TOP and Clear on Bottom	
	-- Skirt rail Lights, Rear Pair 12"-LED	1
	(1) Each side, in rear skirt rail	
	-- (2) Skirt rail LED Strip Lights, Red/White 12" X-series	1
	NOTE: Mount Red On TOP and Clear on Bottom	
	-- Skirt rail Lights Switched: Separate Switch in the Cab console	1
	-- LED Ground Lights: (6) Kinequip White 12" -LED lights, In Skirt rails x	1
	-- LED Ground Lights Switched:	1
	The underbody lights work off a switch in the console or with any entry or compartment door.	
	IATS, Program the RED lighting in the skirt rail to steady burn on when the marker light circuit is activated. To be overridden when warning light circuit is on.	
	-- Firetech Replacement Grille 2021+ Ford F450/550 without adaptive cruise	1
	Black Firetech Finish	
	Includes 4 front cannon round fog/ Driving scene lights.	
	Must pick Grille warning lights as size M-7 x qty 4	
	Ship OEM grille loose with truck, bubble wrap	
	-- Input Switching: Ignition/Battery Switch	1
S	-- Grille Guard Buck Stop - Classic II (Black Matte): Install 19+ F450	1
	Front bumper lower portion only, no grille guard on bumper.	
	Install Federal Q2B Siren on front bumper with rubber bumpers on either side.	
	(2) Rear Door Hold Opens: Grabber Style, 1 on each door	1
	--	1
S	Running Boards: Embossed D/P, Bar-Grate Insert, X Series - 2 Door X- STD F 2017	1
	Bar grate insert 16" long	

S	DESCRIPTION	QTY
	To be Speedliner Black ILOS	
	-- Mud Flaps Front: Modular, Rubber with AEV/Rev Logo std	1
	-- Mud Flaps Rear: Modular, Rubber AEV LOGO	1
S	-- Lights, Cab Step: 2" White LED , surface mount on box front, (#TOCACCCR) - x ser	1
	BLACK Flange Activate by Cab Doors. Constant Hot.	
		1
	<b>EXTERIOR LIGHTING / HEAT/AC / INSULATION - CELL 2</b>	
		1
	Front Turn, Whelen M6 Series w/arrow, LED, Pair, IATS	1
	-- Location: Front of Module, Below Outer Warning Lights	1
	-- M6 Series Flange, Black ILOS Each	2
	CORNER CAP LED ICC/WARNING LIGHTS	1
	-- Front Corner Cap LED ICC/Warning Lights: Warnings RED/WHITE	1
	-- Front Center ICC Lts: (3) AMBER Kinequip LED No 112401A,	1
	Switch w/ Headlights.	
		1
	-- Front ICC Lt Guards: NONE	1
	-- Rear Corner Cap LED ICC/Warning Lights: Warnings RED/AMBER	1
	-- Rear Center ICC Lts: (3) RED Kinequip LED No 112401R	1
	Switch w/ Headlights	
		1
	-- Rear ICC Lt Guards: NONE	1
	-- ICC Warning Lights Switched: Primary Only	1
	LED Lights, Patient on Board, X-Series Units	1
	Install lights in the following locations :	
	M-1A Compartment - On Door panel, Outer lower corner	
	M-1 Compartment - On Door panel, Outer Edge, Centered Top to Bottom	
	M-2 Compartment - On Forward Door panel, Upper outer corner	
	M-2 Compartment - On Trailing Door exterior, Upper outer corner	
	M-3 Compartment - On Door panel, Outer Edge, Centered Top to Bottom	
	M-5 Compartment - On Door panel, Outer Edge, Centered Top to Bottom	
	M-6 Compartment - On Door panel, Outer lower corner	
	M-7 Compartment - On Door panel, Outer Edge, Centered Top to Bottom	
	C/S Entry Door - Below Center panel, Outer Edge	
	Rear Entry Doors - (1) each door, Below Center panel, Outer Edge	
	A Total of (11) Lights	
S	-- Amber LED POB Light, Each, X-Series units	11
	Exterior POB light on the right hand door of M-2 compartment to have black flange ILOS	
	-- Lights Switched with Entry Door Switch	1
	TAIL LIGHTS	1
	-- Tail Lights, Whelen LED Combinations , STD, X-Series	1
	-- Side Marker Lts: (2) Whelen M6 LED Red Running/Turn, ILOS	1
	Running to be wired as Tail and Turn to be wired as Stop.	
	These are to both have flanges.	



S	DESCRIPTION	QTY
S	-- M6 Series Flange, Black: Each	2
	-- Whelen M6 Series, Tail Lights	1
	-- Stop/Tail, Whelen M6 Series, LED, Pair	1
	-- Turn, Whelen M6 Series, LED, Pair	1
	-- Back up, Whelen M6 Series, LED, Pair	1
	-- M6 Series Flange, Black ILOS Three Pair	1
	Third (3rd) Brake Light: Kinequip KFL-3BLO1 LED	1
	MTB Just mounting screw and wire holes required.	
	-- Light is to steady burn, no flash	1
	SCENE/FLOOD LIGHTS (LED-M9 Series)	1
	-- Left Scene Lights: (2) LED-M9, Black Flange Whelen	1
	Black Flange provided with purchase of Light.	
	-- Left Flood Activate: Left Flood Switch	1
	-- Right Scene Lights: (2) LED-M9, Black flange Whelen	1
	Black Flange provided with purchase of Light.	
	-- Right Flood Activate: Right Flood Switch and open CSE Door	1
	-- Rear Load Lights: (2) LED-M9, black flange Whelen	1
	black Flange provided with purchase of Light.	
	-- Activate: Rear Flood Switch, Reverse and Lead RA Door	1
S	-- Add Activation: Rearward Left and Right scene lights. come on w/ Reverse	1
	Include rear warning and both side AFT warning lights to flash in reverse circuit	
	AC (HVAC):Pro Air 12/125V Combo W/Vertical Ducted ILOS 2017 F-series ILOS X	1
	For 2017 Ford F series Vertical Ducted HVAC	
	Pro-air Thermostat supplied installed for 125VAC function	
	NOTE; if location is above the bulkhead/Right Front ALS the minimal dimension that can be allowed is 30" wide x 18" High, 22" deep.	
	LOCATIONS: ??????????????????	
	-- Water Pump: Installed required	1
	-- FILTER, Return Air: HEPA Merv-17 Horizontal 10" x 20" X series	1
	-- Activ Tek induct 500-12V Dry H2O2 Air Purification -ozone free	1
	System is to be installed in return airt Cabinet. Must be servicable, but not visible to EMT. >> Annual replacement of the UV bulb is required >	
	-- Activ Tek system on while HVAC blower is running only. STD	1
	-- AC Evaporator Location: Behind Attendant Seat on the floor	1
	-- Thermostat, Digital, in A/A, Pro-AIR 12V / 125V Combo system provided	1
	Install at Action area for control of system	
	Included as part of a purchased 115/12v system.	
	-- Secondary Thermostat, Digital, Pro-AIR 12V / 125V Combo system IATS	1
	Add on Thermostat KIT with cable, connects to primary digital thermostat	
	-- Intermotive Module BCVC502A :Installed 2020 +	1
	-- Heater Hoses: EPDM - Nomex Rubber (per Ford QVM)	1
	-- AC Hoses: Burgaflex Dual Clip, Hose and fitting system	1
	-- Filter, Washable Carbon Pre-Filter	1
	-- Patient Ventilation System:4 inch Power Intake, 4 inch Power Exhaust STD	1
	-- Thermostat, Rear A/C, Digital, Class 1 LX-1, Includes Front Also	1
	Thermostat located in A/A	

S	DESCRIPTION	QTY
	Espar Heater System: None	1
	Ceiling Panels; white Aluminum Composite (2) piece X series	1
	-- Dome Lts, LED "LIGHT RAIL" 7' 6" system White LED, Red LED X -Series	1
	MTB NOTE: Requires X-Series Roof Structure design	
	-- Timer, Constant Hot, Check out, Class 1 Multiplex System	1
	Activated with opening of either C/S or Rear Entry Doors.	
	-- 15 Minute Activation	1
	Light Circuit to stay on for 15 minutes when entry door is opened.	
	Timer to activate Floor lighting, Daybright lighting, and I-2/M-7 Pass Through Compartment lighting	
	-- Timer to Power: All DOMES, Low intensity	1
	-- IV Hook No 1: CPI Rubber IV 2008-1(Recessed Mount), ILOS	1
	-- LOCATION: Over head/chest area, primary patient on COT	1
	-- IV Hook No 2: CPI Rubber IV 2008-1(Recessed Mount), ILOS	1
	-- LOCATION: OH /chest area, secondary patient on S/B	1
S	-- IV Hook No 3: Hook 07 w/ Velcro bag stabilizer - IATS	1
	Locate aft of B cabinet at ceiling level on corner	
	-- LOCATION: Over Knee/Waist area, primary patient on COT	1
S	-- Recessed C/S Grab Rail, ceiling: 1.25 Dia..... 3 pt, 72i, Red Antimicrobial	1
	Grab Rail will be recessed in a ABS pan.	
S	-- Recessed S/S Grab Rail, ceiling: 1.25 Dia..... 3 pt, 72in, Red Antimicrobial	1
	Grab Rail will be recessed in a ABS pan.	
	-- Re-coating of Stainless grab handles package 4-6 pieces, RED IATS	1
	Part COAT-CUSTOM	
	Up to 6 pieces total allowed.	
	Handles to be sand blasted from original color and powder coated "NON-MICROBIAL", to new color "RED"	
	Overhead grab Rail 72"	
	(1-2) 18" grab rail	
	(1) side entry grab rail straight or L shaped	
	(2) rear entry grab rails	
	<b>Insulation PKG: X-Series units</b>	
	-- Insulation: All Module Doors, 2" Black Foam, X-Series units	1
	#INSU-ARM2	
	-- Insulation: All Module Doors, Black Sound Proofing, X-Series units	1
	#INSU-KSU	
	-- Insulation Sound Deadening: Generation 9 Floor	1
	-- Insulation: Walls/Ceiling, 1" Black Foam, X-Series units	1
	#INSU-ARM1	
	-- Stepwell Insulation: Urethane Froth Insulation, STD X-Series units	1
	MTB #7208738	
	-- Black Sound Proofing, Doors & Select Walls, X-Series units	1
	INSU-KSU	

S	DESCRIPTION	QTY
	-- Insulation: Circumferential PKG, 1LEF Reflective, X-Series units	1
	#KSU-F1250	
	-- Front of Module M Series LED System - 92" and wider	1
	-- Whelen M9, (2) Lights Color A, (2) Lights color B IATS	1
	-- Light: Whelen M9, LED, Split RED/WHITE LED/CLEAR Lens, Programmable IATS	2
	-- Flange: (1) Black Flange for above M9 light	2
	-- Light: Whelen M9, LED, RED LED/CLEAR Lens, Programmable iats	2
	-- Flange: (1) Black Flange for above M9 light	2
	-- Alternative Lightbar Switching, Prim/Sec	1
	M SERIES LED WARNING LT SYSTEM - F-series LTD	1
	-- Flasher: None, All M Series LED's Are Programmable	1
	-- Flash Pattern: None, Internal Light Head Flasher	1
	-- Warning Light SWITCH: center console, Primary / Secondary	1
	-- Mirror Lights: NONE	1
	-- (4) Grille Lights: Whelen M7 Wtih black Flange- Fits on Firetech Grille only.	1
	-- Program #25 - Steady Burn, Flash thru Flasher	1
	-- M7 Series Flange, Black, ILOS Each	4
	-- LED M7 Red - Each	2
	-- Light, Whelen LED M7 Red LED/Clear Lens - Programmable ILOS	2
	-- LED M7 White - Each	2
	-- Light, Whelen LED M7 White LED/Clear Lens - Programmable ILOS	2
	-- (2) Intersection Lights: Whelen M7 Series, LED F series	1
	-- Cast Aluminum Housings (2) M7 size lights 15 degree angle 2017+ Ford F Series	1
	Housing to be black. Either ordered or Speedliner	
	-- LED M7 Red/White Split - Pair	1
	-- Light, Whelen LED M7 Red/White LED/Clear Lens - Programmable ILOS	2
	-- Opt A Programmable Lights Split Color - Color 1 Flashes Opposite Color 2	2
	-- (1) Center Front Body Light: Whelen M9 Series, LED	1
	-- M9 Series Flange, Black, ILOS Each	1
	-- Light: Whelen M9, LED, WHITE LED/CLEAR Lens, Programmable ea ilos	1
	-- (2) Outer Front Body Lights: Whelen M9 Series, LED	1
	-- M9 Series Flange Black Pair	1
	-- Light: Whelen M9, LED, RED LED/CLEAR Lens, Programmable ILOS	2
	-- (4) Upper Side Body Lights: Whelen M9 Series, LED	1
	-- M9 Series Flange, Black Two Pair	1
	-- Light: Whelen M9, LED, RED LED/CLEAR Lens, Programmable ILOS	4
	-- (2) Rear Intersection Lights: Whelen M7 Series, LED	1
	-- M7 Series Flange, Black, ILOS Each	2
	-- LED M7 Red/White Split - Pair	1
	-- Light, Whelen LED M7 Red/White LED/Clear Lens - Programmable ILOS	2
	-- Opt A Programmable Lights Split Color - Color 1 Flashes Opposite Color 2	2
	-- (2) Outer Rear Body Lights: Whelen M9 Series, LED	1
	-- M9 Series Flange Black Pair	1
	-- Light: Whelen M9, LED, RED LED/CLEAR Lens, Programmable ILOS	2
	-- (2) Additional Rear Body Lights: Whelen M9 Series, LED	1
	-- Location: REAR, (1) aligned w/ EACH upper window in RA doors.	1
	-- Light: Whelen M9, LED, RED LED/CLEAR Lens, Non-Programmable IATS	2
	-- Flange: (1) Black Flange for above M9 light	2
	-- Brake Light Override: Wire into rear warning lights above	1
	Includes FLAS-ULF44 (1)	

S	DESCRIPTION	QTY
	Flasher unit to flash lights during warning cycle.	
	-- Override Function: During ALL modes of operation	1
	-- (1) Center Rear Body Light: Whelen M7 Series, LED	1
S	-- M7 Series Flange, Black, Std: Each	1
	-- LED M7 Amber - Each	1
	-- Light, Whelen LED M7 Amber LED/Clear Lens - Programmable ILOS	1
	-- M7 Series Flange, Chrome Plated, Std: Each	1
	-- Additional Kick Plate Lts, On Rear : NONE	1
	-- LED Program Switch : NONE	1
S	Federal Q2B Mechanical Siren, mounted to front bumper	1
	Federal Q2B Mechanical Siren on Front Bumper. Wire to Foot Pedal on Drivers and Passengers cab floor with momentary push button brake on console.	
	Install rubber dock bumpers, one per side, vertically, next to siren to prevent minor damage.	
	<b>ELECTRICAL - CELL 3</b>	
	-- Cab Ovhd Light: (1) , Kinequip 4409, 4" Red/White LED EACH	1
	-- Customer Supplied Part(s) : NONE	1
	ITEMS MUST BE NEW, No USED items accepted. Required under GSA-K-1822 and CAAS GVS.	
	-- Aluminum Cab Consoles contained in the Electrical System Section	1
	Duplicate Notification location. Please pick the appropriate code at the Electrical console section for the upcharge.	
	-- Aluminum Console Drawing request	1
	AEV Engineering to develop drawing for console and send to Account manager for approval prior to release.	
	Console to include standard items.	
	Removable top panel, inset	
	Front location for Switch panel.	
	all other items at special cost.	
	Secure Idle System Ford Super Duty 2020+ Installed	1
	Kit installed by AEV with push button installed to right of steering column with labels in chassis cab.	
	-- Cab Roof Whelen ARGES1 Super LED 360 Remote control Spotlight	1
	Bail mount control head, with Interior solid mount remote control.	
	Mount can fit in-between the ridges on a Ford F-550 roof.	
	Spotlight with Proclera silicone optics	
	-- CAB Spot Light Mount: Cab Roof Whelen ARGES1 ONLY	1
	-- AEV Traumahawk Telematics Declined, Not required	1
	Batteries: 2 - Battery System - Type I Diesel only	1
	-- Batteries: (2) Underhood (Type I)	1
	-- Battery Make: (2) OEM	1
	Battery Brand must match.	
	-- Battery Switch: Cole Hersee 2484-16 Paddle, T1 center console	1
	SWITCH LOCATION: Drivers' side of center cab console.	
	-- Batteries Wired: Parallel for higher amperage	1

S	DESCRIPTION	QTY
	POWER Door Locks: Module Doors, X-Series Units type 1 Ford	1
	-- Door Locks, Tied into OEM System X series Type 1 Ford	1
	Module power locks are tied to the Chassis power lock system	
	MDUL-BDLM506A Module door lock control F3/4/550	
	-- OEM Key Fob: Included w/Chassis Unlock Mod Doors	1
	Must also operate the Module Power Door Locks Optioned.	
	-- Door Lock Switches : Integrated in Interior Entry door Handles -x	1
S	-- ONLY the following doors shall have power door locks:- Including SS Drawer EXT	1
	Include M-2.5 Electrical Compartment IATS	
	-- Electric Door Lock: (M-1A) Upper Left Front Compartment,	1
	-- Electric Door Lock: (M-1) Left Front Compartment	1
	-- Electric Door Lock: (M-2) Left Middle Compartment	1
	-- Electric Door Lock: (M-2.5) Left Wheel Well Compt.	1
	-- Electric Door Lock: (M-3) Left Rear Compartment	1
	-- Electric Door Lock: Rear Access Doors	1
	-- Electric Door Lock: (M-5) Right Rear Compartment	1
	-- Electric Door Lock: (M-6) Right Rear, Forward Compt	1
	-- Electric Door Lock: Curbside Access Door	1
	-- Electric Door Lock: (M-7) Right Front Compt	1
	-- Remote Keypad #1: Installed, Horizontal X-Series Units	1
	MTB to cut mounting holes per provided drawing.	
	-- Location: By Curbside Door	1
	-- Door Unlock Switch, Momentary, Exterior, hidden	1
	NOTE: Installation of Remote Door Lock Switch feature may increase likelihood of unauthorized entry into vehicle. By checking this option, purchaser further agrees to hold REV or chassis manufacturer harmless for any loss of vehicle or contents caused by unlawful access.	
	-- Location: Front Grille/Bumper Area	1
S	-- RVS Mirror Monitor 7" diagonal LCD up to 3 inputs with speaker	1
	Auto trigger display of backup camera.	
	Install RVS 1619-NM Mirror Monitor.	
	Install RVS 812N-120 Rear Heated Adjustable Black Camera on rear of module ILOS ASA	
	Back-up Alarm: Standard 102DB	1
	Circuit Board, 12V: Multiplex LX1 F3/4/550 X-Series STD	1
	Includes the Following Items,	
	Rear Digital Thermostat/Control for A/C, includes front also	
	5-minute shutdown timer std.	
	Door Open 5, minute check out timer	
	Oxygen Contents Gauge front and back.	
	(5) Minute Auto Battery Switch Shutdown (Kill Circuit)	
	-- Voltage Monitor, LX-1, w/ Warning Light	1
	-- LX-1 Standard Module door Open Alarm and Icon on Front Display	1
	-- Patient Area Camera: Federal CAMCCD Bullet Style (Grab rail Recess)	1
	(1) CAMR-CAMCCD	
	(1) ADAP-31100041	

S	DESCRIPTION	QTY
	-- Camera Mounted Toward: Forward (Faces Rear)	1
	-- Circuit Protection, 12V: FET - Auto-reset	1
	-- LX1 Main Switch Panel Location : Front Display 7 inch full color w buttons STD	1
	10 tactile pushbuttons with White LED backlight IP67 sealed.	
	-- In Cab Console	1
	-- Patient Area LX1 Panel:	1
	-- Pt Area LX1 Switch Panel: One Standard In Patient Compartment	1
	-- Switch Panel Located: Streetside A/A	1
	-- Patient area switch panel mounted :flat to action wall std	1
	-- 2nd Patient Area Switch Panel: NONE	1
	-- 3rd Patient Area Switch Panel: NONE	1
	-- Sequencer, LX1, with load manager,	1
	-- Console, Engine Cover: CUSTOM - Aluminum - Speed Lined F Series	1
	Battery Switch to be located on left side of Console. Speedliner color-Black	
	ARV style demo console with integrated map storage below hinged upholstered arm rests, one per side of console	
	-- Aluminum Console Drawing request	1
	AEV Engineering to develop drawing for console and send to Account manager for approval prior to release. Console to include standard items. Removable top panel, inset Front location for Switch panel. all other items at special cost.	
	-- Customer Radio: Space for Customer installed Radio Heads	1
	-- Add-on Console: Type 1	1
	-- Drink Holder: (2) In Add-on Console, Stainless Steel Red LED 3/5/8" -2/5/8"	2
	-- Drink Holder Location: Middle	2
	-- Glove Storage: None	1
	-- Console Finish: Black, Textured "Easy Grip"	1
S	-- ARV Demo Console with Integrated Map Storage Below Padded Hinged Arm Rests	1
	Ground Straps, Module to Frame: (Qty 4) Braided	1
	Inverter : Vanner LIFESINE 1100 Pure Sine Wave, w 55watt 3 stage charger	1
	-- Portable Equip Charging Circuits: Included in Inverter	1
	-- PREWIRE LOCATION: (1)Cab Console, (1) Behind A/A	1
	-- Portable Equip Pwr Source: Ignition and/or Shoreline	1
	-- Battery Charger/Conditioner: 55A - Built into Inverter	1
	-- Built-in Battery Charger: Enable - Wire to Batteries	1
	-- Inverter Location: M-1A (ULF) Compartment	1
	Low Voltage Buzzer: Installed, Multiplex units	1
	<b>COMMUNICATION RADIO(S) RELATED</b>	
	<b>RADIO POWER</b>	
	-- Radio Power No 1: 30A, Pos and Neg, 10 awg Wires	1
	-- Radio Power Source: Battery Switch Hot	1
	-- LOCATION: Inside Cab Center Console	1
	-- Radio Power No 2: 30A, Pos and Neg, 10 awg Wires	1
	-- Radio Power Source: Battery Switch Hot	1
	-- LOCATION: Behind Action Area Board	1

S	DESCRIPTION	QTY
	<b>ANTENNA LEADS</b>	
	-- Antenna Base w/ Coaxial Cable: KE794 #1 MOUN-KE794	1
	-- Port Plate: None - Access thru center upholstery panel  -- Roof Location: Roof Port #1 MOUN-K794 Line up with edge of curbside entry door, centered side to side as near as possible.	1 1
	-- Termination Point: Inside Add On Console MOUN-K794	1
	-- Antenna Base w/ Coaxial Cable: KE794 #2 MOUN-KE794	1
	-- ORIGATION POINT: Roof Port No 2 Roof Port No 2 is located approximately 24 inches back rearward of roof port #1.	1
	-- Port Plate: None - Access thru center upholstery panel  -- Termination Point: Behind A/A Board MOUN-K794	1 1
	-- Patient Area Radio : None 125V SHORE LINE AND OUTLETS  -- Shore Line Inlet: 20A Super Auto Eject, ILOS >> Access plate either interior or exterior mounting plate required <<	1 1 1
S	-- Inlet location: Front of Modular Box, Angled ADD-On box See "Drawing" Front of module body, Angled box for shorelines  CUSTOM angled box to include additional shoreline inlet for 110V/12V HVAC Combo unit and Indicator light  Order from top to bottom:  -Indicator light for HVAC inlet -Blue Shoreline Inlet for HVAC -Kussmaul Bar Graph Indicator for Main Shoreline Inlet -Shoreline Inlet for onboard power	1
	-- Cover, Black Shore Line Inlet : 20A Super Auto Eject, ILOS  -- Inpower Timer: VCM-05-01SF, Installed NOTE: This allows the auto eject to be wired to the ignition switch In lieu of splicing into the OEM starter circuit and is required any this vehicle	1 1
S	-- Shore Line Inlet No 2: 20A Super Auto Eject, IATS Mount on angled shoreline inlet on front of module below standard shoreline inlet	1

S	DESCRIPTION	QTY
	-- Inlet location (IATS): Above M-2, Aft of M-1 compartment	1
	-- Indicator Light, Shore line: Weather proof, power by SL, Green	1
	Indicator light located above shore line inlet.	
	-- Cover, Blue, Shore Line Inlet : 20A Super Auto Eject, ILOS	1
	-- Indicator Panel: Kussmaul Single Battery Status 091-94-12	1
	-- Indicator Panel LOCATION: Near Shoreline Receptacle	1
	-- **125 Volt OUTLETS**	1
	-- 125 VAC W Dual USB & Power Light Outlet, No 1: 20A, Hospital Grade, White ILOS	1
	-- LOCATION: Action Area, standard location	1
	-- Outlet mounting ORIENTATION: Vertical	1
	-- 125 VAC W Dual USB & Power Light Outlet, No 2: 20A, Hospital Grade, White ILOS	1
	-- LOCATION: Action Area, standard location	1
	-- Outlet mounting ORIENTATION: Vertical	1
	-- 125 VAC Outlet, No 3: 15A, Hospital Grade, IVORY	1
S	-- LOCATION: Curbside, above Head of Bench Cabinet	1
	-- Outlet mounting ORIENTATION: Vertical	1
	-- 125 VAC Outlet, No 4: 15A, Hospital Grade, IVORY	1
S	-- LOCATION: H Cabinet- (See Drawing)	1
	-- Outlet mounting ORIENTATION: Vertical	1
	-- 125 VAC Outlet, No 5: 15A, Hospital Grade, IVORY	1
	-- LOCATION: RF ALS, (See Drawing)	1
	#1 wall below middle shelf, near outer edge of compartment to clear interior drawers	
	-- Outlet mounting ORIENTATION: Vertical	1
	**INTERIOR 12 Volt OUTLETS**	1
	-- 12 Volt outlets two separate single outlets	1
	-- 12V Outlet, No 1: Power Point Single - Wire thru Med Isolator	1
	-- LOCATION: Action Area, standard location	1
	-- Outlet mounting ORIENTATION: Vertical	1
	-- Power Source: Medical Isolator , Batt Sw Hot	1
	-- 12V Outlet, No 2: Power Point - Single wire thru Med Isolator	1
	-- LOCATION: Action Area, standard location	1
	-- Outlet mounting ORIENTATION: Vertical	1
	-- Power Source: The SAME as outlet No 1	1
	-- 12V/ USB Combo Outlet, No 3: - Wire thru Med Isolator IATS	1
S	-- LOCATION: CS Wall panel, Above Head of Bench Countertop	1
	-- Outlet mounting ORIENTATION: Vertical	1
	-- Power Source: Medical Isolator , Battery (CONSTANT) Hot	1
	-- 12V Outlet, No 4: Power Point - Single -Wire thru Med Isolator	1
	-- LOCATION: RF ALS, (See Drawing)	1
	-- Outlet mounting ORIENTATION: Vertical	1
	-- Power Source: The SAME as outlet No 1	1
	-- Hard Wired 12V Circuit, For Customer/Dealer Supplied Component	1
	-- Location: Cabinet B, over the A/A	1
	-- Right of the center divider	1
	-- Power Source: Medical Isolator , Batt Sw Hot	1
	-- Hard Wired 12V Circuit, For Customer/Dealer Supplied Component	1
S	-- Location: Cabinet D	1
	-- Right of the center divider	1
	-- Power Source: Medical Isolator , Batt Sw Hot	1
	-- Hard Wired 12V Circuit, For Customer/Dealer Supplied Component	1
S	-- Location: Main Cabinet wall near floor level behind attendant seat- Engle Unit	1
	-- Power Source: Medical Isolator , Batt Sw Hot	1
	-- 12V Outlet, No 8: Power Point - Single Wire thru Med Isolator	1



S	DESCRIPTION	QTY
	-- LOCATION: Special Location - (See Drawing) Locate in Lucas Storage cabinet below pass through	1
	-- Outlet mounting ORIENTATION: Vertical	1
	-- Power Source: Medical Isolator No 2, Ignition Hot	1
	-- 12V Outlet, No 9: Power Point - Single Wire thru Med Isolator	1
	-- LOCATION: Special Location - (See Drawing) H Cabinet next to 125V outlet	1
	-- Outlet mounting ORIENTATION: Vertical	1
	Siren: Federal, EQ2B, F-Series, ILOS	1
	-- Siren Speakers: Federal # ES100-ESMFT-EF, Ford F-350/450/550 20121+ILOS These speakers require a recessed mount requiring a hole in the outer end of the front bumper.	1
	-- Siren / OEM Horn Switch: In Cab Console	1
	Air Horn System: BUELL - F1	1
S	-- Air Horns ACTIVATION: Switch in Console Switch to be momentary push button with exterior rubber cap, not rocker switch.	1
	-- Air Tank Mounted to Frame Rail	1
	-- Emergency Master Hot	1
	-- Compressor: Buell #6540, 20% Oil less Intermittent Duty	1
	-- Compressor Location: M-1A Compartment	1
	-- Air Horn Location: Under Front Bumper, F-450 and F-550 2017 + For F-550 may require recess cut into ABS valance - Air Dam.	1
	-- Left Air Horn: 10" Buel Strombos Horn, Chrome, No 1061 (493 Hz)	1
	-- Right Air Horn: 12" Strombos Horn, Chrome, No 1062 (396 Hz)	1
	-- Air horn exterior mounted system powder coated to gloss black Each Each air horn to be Dissassembled and taken to vendor for recoating; COAT-POWAIR (1) per air horn assembly one air horn typically 5 pieces Target color is Gloss black.	2
	Siren, Federal Rumbler, IATS, w/Bracket 2017+ F-450/550 for a single rumbler installed under the front of the chassis.	1
<b>CABINET SHOP - Modular</b>		
	-- Aluminum Cab Consoles contained in the Electrical System Section Duplicate Notification location. Please pick the appropriate code at the Electrical console section for the upcharge.	1
	-- Aluminum Console Drawing request AEV Engineering to develop drawing for console and send to Account manager for approval prior to release. Console to include standard items. Removable top panel, inset Front location for Switch panel. all other items at special cost.	1
	ALL DIMENSIONS ON ORDER WILL HAVE A VARIABLE OF + OR - 1/4" Unless specified as a minimum dimension.	1
	<b>***Wood Cabinet Configuration X Option 172 Type 1</b>	1
	-- Rubber Cactus Mat : On Cabinet Floors, Drawers & Shelves, X-Wood Upgrade	1

S	DESCRIPTION	QTY
	-- Interior Color Packages	1
	-- Mica Colors: Gloss White over Stainless Steel	1
	Parting Line: C/S: Top of squad bench including rear filler. S/S: To CPR side seat.	
	Stainless Steel on above areas only. No other cabinet gets stainless, unless specified otherwise below.	
	-- Stainless Steel - FACE & END of Squad Bench	1
	-- Stainless Steel - Lower Face of Wall Cabinet - Included	1
	-- Polycarbonate Type/Color: Lexan - CLEAR Secure Latch	1
	-- Att Seat EVS #1880 Child Safety Seat Black W Gunmetal Per4max Black X ILOS	1
	Per4Max Seat belt Black	
	recessed Child safety Belt Black	
	Black Seat with Gunmetal Insert	
	SEAT-LOGO AEV / REV	
	-- BASE: Swivel base for EVS Child Seat Option Handle on RIGHT X-ILOS	1
	(2) Position Swivel, Forward or Rearward, Only EVS handle is on right.	
	-- Attendant Seat, Armrests, BOTH LEFT and RIGHT ARMS X-ILOS	1
	-- AC CABINET: Evaporator, Location : Upper Bulkhead X Series WOOD	1
	Wood/ Laminate Construction	
S	-- 1880 Child Safety Seat to have Black w/Port Insert ILOS Gunmetal	1
	-- CURBSIDE UPPER: Over S/B, Mods Wood cabinet, White Interior IATS	1
	-- Cabinet K1 & K2: (2) Openings with flush center divider	1
	-- EZ -Reach Top- Hinged Single Overhead ILOS	2
	Color of Polycarbonate determined by overall color choice.	
	Top mounted Reel-TORQ30	
	-- Secure Latch handle is NON-LOCKING	2
	-- Stowage rating label - Secure 1-Hand hinged door 40 pounds applied each	2
S	-- Bulkhead Cabinet Under Pass Through- Lucas Storage Cabinet and Glove Storage	1
	AUTO PULSE STORAGE CABINET TO BE 36" WIDE X 18" HIGH X 7" D INSIDE.	
	Include single retractable seat belt (Similar to squad bench retractors). Locate on left hand wall, centered, near outer opening. Receiver for buckle to be located on right hand wall near outer opening.	
	Install a pair of loops with seat belt strap 24" above Bulkhead Cabinet to the right of the Pass Through Window, for storage of customer TPAC bag. Strap to extend vertically between footman loops. Location to be finalized at Pre-Construction Conference	
	Install (4) Glove Box Storage Cabinet at Ceiling Level of Front Bulkhead by Side Entry Door. Cabinet to have top hinged Lexan Door with Chrome Non-Locking Round Latch and oval cutouts in door for glove removal.	
	-- CURBSIDE REAR: Rear of S/B, Mods	1
S	-- Cabinet L : (1) Opening with (1) Adj shelf, shelf std.	1
	Cabinet to be approximately 28"H x 16"W x 8"D with two adjustable shelves.	
S	-- EZ- Reach Double doors ALS 1/2 LOS	1
	Color of Polycarbonate determined by Lexan color choice.	
	Doors to have Reel Torque Hinges to maintain door opening	

S	DESCRIPTION	QTY
	-- Secure Latch handle is NON-LOCKING	1
	-- Stowage rating label - Secure 1-Hand hinged door 40 pounds applied each	1
S	-- LF Cabinet, Behind Att Seat: Cabinet "H" X Series Wood H Cabinet to extend between HVAC cabinet and module floor. However, cabinet door to be located on stepwell side of cabinet and only be from top of Lucas Cabinet. Space in H cabinet below to be accessible by reach in from door opening. Locate shelf in H cabinet ABOVE opening so that a person can reach down below shelf.	1
	-- Door, Single Solid , Flush Fitted	1
	-- TRIM: U-shaped Door, J-trim opening	1
	-- Hinge: 1 1/2" Stainless Steel Piano Hinge	1
	-- Round Pull Latch: Non-locking - Chrome Finish	1
	-- Stowage rating label - Southco round latch 10 pounds applied each	1
	-- RF ALS Cabinet: X Series Wood X-Series Design with 45°	1
	-- X series Angled Glove at RF ALS not required	1
S	-- Cabinet I-1: RF ALS Door Forward Option Cabinet to be approximately 24"W x 12"H x 10"D	1
	-- Door: Single Flip Up 3/8" Lexan	1
	-- Hinges: Reel Torque	1
S	-- EZ Reach Latch	1
	-- Stowage rating label - Southco round latch 10 pounds applied each	1
S	-- Cabinet I-2: X -Standard, Wood/ Laminate Construction- RF ALS Door Forward Locate at Head of Squad Bench for Door Forward Option.	1
	Note: #1 wall to have closeout for interior drawers.	
	Solid Surface Countertop above cabinet. Color: Night Stars	
	Note: Two Pull out drawers facing squad bench	
	-- Door, Roll up, ROM, Full Height ALS Compliant ILOS Satin aluminum finish Lower Key lock Lower bar latch installed >> Cabinet design engineering to complete measurement sheet and submit to BOM team for ordering <<	1
	-- Stowage rating label - Robinson ROM Roll up Door 80 pounds entire area	1
	-- Outside Access: Thru M-7 (RF) Compartment door.	1
	-- Interior MICA Color: White cabinet liner	1
	-- Shelf Track: Small alum Unistrut type - X Series Wood	1
S	-- (1) Shelf: Adjustable mica over substrate with Alum. Trim Shelf to have ramp edge on both sides (inside access and exterior side)	1
S	-- (2) Pull Out Drawers I-2A and I-2B Install (2) Aluminum .90" Pull out Drawers, sandblasted and painted white, with matching Mica face, facing the squad bench, one on top of another.  Both drawers to have Secure latches  Top drawer to be approximately 12" Wide x 5"H x 14"D. Bottom drawer to be approximately 12" Wide x 5"H x 10"D  Install a slide out laptop aluminum tray with "U" shaped grab handle in between the top and bottom drawer. Laptop/writing tray to be small in height and the matching width of both drawers.	1

S	DESCRIPTION	QTY
	Install (2) adjustable dividers in each drawer, front to back, evenly spaced	
	-- Right Rear Cabinet: Cover over M-5 Compartment X series wood	1
	-- Inside access into M-5: Face Aisle	1
	The inside access opening shall be positioned on the forward half of M-5 compartment.	
	The clear opening shall be 8" wide by 32" tall.	
	IF SPECIAL SIZE opening is required, please define; _____ " W x _____ " Tall	
S	-- Door, Single, Flush Hinged, 3/8" Lexan - (Include)	1
S	-- Handle: EZ-Reach ILOS	1
	Note: Remove Non-Compliant CAAS note below. EZ-Reach latch is CAAS compliant	
	-- Non-Compliant to 3.11.3 J3058, cabinets Not Tested, to SAE J3058 No Rating	1
	Item is not tested to J3058, or not rated.	
	-- SQUAD BENCH: X series Wood	1
	Door Forward Cabinet at Head of Bench	
	Rear Drop In Sharps/Waste with Mica surface	
	-- Bio-waste/Sharps No 1: Special Square/ Round Holes Red Lexan Cover ILOS	1
	Special Cut and Trimmed holes through the squad bench lid to access the sharps and trash containers stored underneath the lid.	
	Two separate holes to be installed in the LID and trimmed.	
	A single Red Lexan Lid over the holes with the Round latch to secure the lid.	
	Sharps container access Hole nearest to Patient Cot over Has a rectangular hole.	
	Trash container towards the back has a round hole with trim	
	-- Round Pull Latch: Non-locking - Chrome Finish ILOS	1
	-- Stowage rating label - Southco round latch 10 pounds applied each	1
S	-- LOCATION: At Foot of Squad Bench above M-6	1
	Containers to be stored in M-6 Compartment	
	-- WASTE CONTAINER: 6 Quart std -CANO-04G	1
	-- SHARPS CONTAINER: 2-Gallon Sharps-A-Gator (CONT-02)	1
S	-- Storage Under Lid - Provision for Sharps/Waste Rear of Bench	1
	-- Squad Bench Lid: Single, One pc, 1-section	1
	-- Hinge, Squad Bench Lid(s): Butt Style Hinges	1
	-- Lid Checks: Gas shock, Dual Action	1
	-- Latch, Squad Bench Lid: Slam Action Paddle, W keeper	1
	-- Stowage rating label - Squad bench interior, entire area 80 lbs	1
	-- Edge Trim, Lids: Band w/ Laminate and J-Trim Protection	1
	-- Restraint Net, at head of S/B, NONE	1
S	-- TOP CABINETS, - w/ 74" HR, X Series Wood	1
	-- Cabinet A Deleted, Combine space with Cabinet D	1
	Cabinet D extends over next to Exhaust fan	
S	-- Cabinet B: Ergonomically angled toward the CPR seat (72"HR) X Wood	1
	Note: center divider evenly spaced in cabinet.	
	Note: Smithworks IV warmer located on bottom forward of divider	
	-- Doors; Cabinet B Secure Latch Restocking Sliding Window Top hinged x	1
	-- Divider System For Adjustable dividers w/ ABS slotted track - Each Cabinet	1

S	DESCRIPTION	QTY
S	-- Lexan Divider, Additional, requires option 07-XA-3800 Locate (3) above shelf, aft of divider and (3) below shelf, aft of divider	6
	-- Stowage rating label Secure Latch Restocking Sliding Window 30 pounds applied	1
	-- Shelf Track: Small alum Unistrut type - X Series Wood	1
	-- (1) Shelf: Adjustable mica over substrate with Alum. Trim	1
S	-- Cabinet Over CPR: Over 24" wide Side seat- w/EZ Reach Latch	1
	-- Door: Single Flip Up 3/8" Lexan	1
	-- Hinges: Reel Torque	1
	-- Lever Latch: Non-locking - Black Finish	1
	-- Stowage rating label - Black Lever latch 8 pounds applied each	1
	--	1
	-- WALL CABINET: CPR Seat w/Telemetry, Wood Construction X	1
	-- Action Area: Standard	1
	-- 1/2" Solid Surface A/A Tray No Bio Waste, X-Series ILOS	1
	No sharps or trash cutouts requested.	
	-- Gibraltar (Solid Surface) Material COLOR: Night Stars 9105CS	1
	-- Action Area Board: Black Grip See Station No 6 for content	1
S	-- Computer Drawer: Under Action Area w/ Secure Latch Approximate interior dimensions 10" w x 3" h x 8" d	1
	-- Round Pull Latch: Non-locking - Chrome Finish ILOS	1
	-- Stowage rating label - Southco round latch 10 pounds applied each	1
	-- Cabinet O1: Standard, Wood X series	1
	-- EZ -Reach Side- Hinged Single Window ILOS	1
	Color of Polycarbonate determined by overall color choice.	
	-- Hinges: Stainless Spring Loaded	2
	-- Secure latch Handle Key lock - Keyed 545 EACH	1
	AEV drills and installs, Secures Handle to not move. Must be selected when ordered.	
	-- Stowage rating label - Secure 1-Hand hinged door 40 pounds applied each	1
	-- Shelf Track: Small alum Unistrut type - X Series Wood	1
	-- (1) Shelf: Adjustable mica over substrate with Alum. Trim	1
	-- Cabinet C: DELETE	1
	-- Cabinet D: Ergonomically Angled Over Telemetry, Wood Construction	1
	-- Doors; Cabinet D Secure Latch Restocking Sliding Window Top hinged x	1
	(1) WIND-CFTG	
S	-- Divider System For Adjustable dividers w/ ABS slotted track - Each Cabinet (3) above Shelf forward of divider, (3) below shelf forward of divider	1
	-- Lexan Divider, Additional, requires option 07-XA-3800	6
	-- Stowage rating label Secure Latch Restocking Sliding Window 30 pounds applied	1
	-- Shelf Track: Small alum Unistrut type - X Series Wood	1
	-- (1) Shelf: Adjustable mica over substrate with Alum. Trim	1
	-- Cabinet E: DELETE	1
S	-- Custom Insert Cabinet aft of CPR seat in M-3 Compartment Recessed Cabinet into M-3 facing forward to CPR seat. Cabinet to have dual EZ Reach latches and torque hinges to remain open. There will be two adjustable shelves inside cabinet.  Cabinet to be approximately 24"H x 14"W x 8"D	1

S	DESCRIPTION	QTY
	-- Cabinet F: DELETE	1
S	-- Custom Drop In Sharps/Waste aft of CPR Seat There will be a custom Telemetry Area Countertop approximately 10"W (remaining space after extended M-3 compartment). Install a Sharps Waste Drawer where containers are front to back. Drawer to pull out to aisle.  There will be cutouts below drop in holes in countertop. Sharps container to hole to have flap for securing contents of container.	1
	-- Side Seat: 24" - Single Position - Under Lid Storage w/Latch	1
	-- Hinge, CPR Seat Lid(s): Butt Style Hinges	1
	-- Back Rest: Fixed to Back Wall of CPR Seat w/clips	1
	-- CPR Seat, Lid check Gas shock dual action installed	1
	-- Telemetry Area: with armrest pad	1
S	-- 1/2" Solid Surface Telemetry Area Tray: X-Series STD > In order to achieve an interior radius on the tray, some glue lines may be visible. <<	1
	Cutouts for Sharps/Waste in drawer below	
	-- Gibraltar (Solid Surface) Material COLOR: Night Stars 9105CS	1
	-- P4 - 4-Point PER4MAX Restraint System - W/CPR	1
	-- (2) on Squad Bench, (1) CPR Side Seat Per4Max all below bench- Red Belts Belt retractors must mount below the top of the seat. BELT-F151390A	1
	-- S/B: (3) Sec patient restraints - 9" Sleeves Face of Bench	1
	-- S/B: (3) Sec patient restraints - 5" Sleeves By Hinge	1
	-- Per4Max Four-Point Seatbelts: Accept and Install Full Feature	1
S	-- Rolltek Airbag Deployment System (3 Airbags in Action Area)	1
	<b>CABINET SET - CELL 4 - MOD</b>	
	-- Sub Floor, 3/4" Composite, ILOS	1
S	Intraxx (1) section Streetside up to 40" installed on wall, Gray caps Requires sub-plate secured to module tubes before cabinet installation.  Locate (1) 16" Section on Action Area Countertop, forward of CPR seat, facing perpendicular to aisle.  Locate (1) remaining section on front bulkhead wall in available space TBD.	1
	-- Phillip Screws, For Ferno Intraxx: (1) section up to 40" Piece	4
S	Intraxx (1) section Curbside up to 40" installed on wall, Gray caps Requires sub-plate secured to module tubes before cabinet installation. (1)TRAC-INTRAXX itx-t-1016 cut to length per engineering instruction (2)CAPS-0480050 Gray end caps thin  Locate half on Head of Bench Countertop parallel with aisle  Locate 2nd half vertically on wall above Head of Squad Bench TBD	1
	Flooring: Lonplate - #163 Black	1
	-- Flooring Main Edge, 3" rec'd 3/4" White LED Pathfinder Lighted Roll-up Recessed roll up- requires 3/4" cabinet main face and squad main face. > Pathfinder White lights, cut to length installed in recess.	1

S	DESCRIPTION	QTY
	>>>>> Requires additional choice of option 07-00-2005 <<<<<	
	Lights to activate when rear doors and curbside doors open	
	ICON or switch in rear control panel to manually activate roll up lighting.	
S	-- Rear Threshold, Covered with Red Speedliner, 6" W x Full W at rear doors	1
S	-- C/S Stepwell Threshold, Red Speedliner Covered Smooth Aluminum	1
	COT MOUNT HARDWARE: (Full Size Mod)	1
	-- Cot mount FW UFP only, Prep for Dealer install Ferno INXX	1
	PLAT-UFP	
	Full length floor plates are recommended with the INXXX due to wheel wear on all floor surfaces.	
	This is for the floor plate only. Dealer must declare length of track to install to fit 86" 91" 95" or 102"????????	
	-- Non-Compliant to SAE J3027, J3102 3.11.6 Patient Cot Mount Notice	1
	-- Cot Position No 1: PRIMARY CENTER POSITION	1
	Maintain 12" between Cot and S/B.	
	-- Primary Cot position under floor reinforcement	1
	Install 8 inch wide by 5 long 1/2" aluminum reinforcement at primary cot position.	
	(Primary cot position only - REV Std)	
	**If custom location is desired, must be specified below.	
	-- INjX set up for: Ferno INXX self loading cot	1
	OXYGEN / AIR / VACUUM System: X-Series	1
	-- Oxygen Outlet No 1: Amico Console - Ohmeda/Ohio Diamond Style	1
	-- LOCATION: Action Area	1
	-- Oxygen Outlet No 2: Amico Console - DISS Threaded	1
	-- LOCATION: Action Area	1
	-- Oxygen Outlet No 3: Amico Console - Ohmeda/Ohio Diamond Style	1
S	-- LOCATION: Curbside Wall, over the head of the S/B	1
	Locate above Head of Bench Countertop below I-1 Cabinet	
	-- Oxygen Outlet No 4: Amico Console - Ohmeda/Ohio Diamond Style	1
XS	-- LOCATION: Center Pad of Liner Panel, Over Head/Chest (Non-X Series)	1
	Locate in recessed ABS housing in ceiling	
S	-- Port Cyl Rack No 2: Zico QR-D-2 - D or Jumbo D - No Strap Req	1
	Through bolt the rack to metal.	
	Front Bulkhead wall to the right of Lucas Cabinet	
	-- Port Cyl Rack No 1: Zico QR-D-2 - D or Jumbo D - No Strap Req	1
	Through bolt the rack to metal.	
S	-- Rack Location : Front Bulkhead wall to the right of Lucas Cabinet	1
	-- Rack No 1: Zico OTS H-Cylinder LIFT, Hand Held Remote, Motor Left	1
	Make sure Oxygen Hose is long enough for lift to be fully deployed.	
	Compliant to SAE J3043, August 8, 2017.	
	-- Activation, Zico O2 Lift, Pendent, Coiled	1
	-- Oxygen Hose Retractor: Hubbell Tool Balancer	1
	-- Cylinder Type: OXYGEN - Green Colored Hose	1
	Regulator connection Nut: 9/16" RH thread.	
	-- Rack Location: M-1(LF), Wall #2	1
	-- Regulator, Oxygen: Has LX1 Transducer, Inspected and Installed	1

S	DESCRIPTION	QTY
	-- Regulator Wrench: Cast aluminum, OXYGEN w/ cable lanyard	1
	-- Electric Oxygen, 12V solenoid valve w/ manual by-pass	1
	Location: In Action Area	
	-- (1) SCBA Bracket: Zico EZ-Out Bracket ULLH-EZO	2
	BRKT-ULLH Fits a specific size bottle. Refer to the ZICO catalog to assure your bottle will fit.	
S	-- Location: (1) M-2 and (1) M-3	2
	-- Vacuum System: SSCOR regulator/gauge panel in A/A	1
S	-- Collection Canister w Clip Bemis, 1200 CC Capacity In recess below AA	1
	Location: Recessed under the action area.	
	Recess to have half height left hinged door, mica finish, with chrome non-locking round latch	
	-- Vacuum Outlet No 1: Amico - Ohio Style	1
	-- LOCATION: Action Area	1
	-- Adapter, Vacuum Outlet : w/ Suction system	1
	SHIP LOOSE ADAP-03 suction plug adapter with barbed fitting	
	>> requires an updated note in the SHIP LOOSE SECTION <<	
	-- Vacuum Pump: 49 State	1
	-- Location: M-1a Compartment	1
	<b>TRIM / DOOR ASSEMBLY - CELL 5</b>	
	-- Soft Touch Trim Kit: Installed (Per Cabinet) - ILOS	3
S	-- Soft Touch Trim Color: Desert Rose (Burgundy)	1
	Locate on Vertical edge of H cabinet, Horizontal top edge of Lucas cabinet, Vertical aisle edge of Rear Squad Bench Wall	
	-- Interior window and aluminum trim with standard satin finish- std	1
	-- Fire Extinguisher, 5 pound, Kidde ABC Installed, ILOS	1
	Part No: EXTI-01	
	Must be mounted Vertical to meet SAE Safety testing.	
	Can not lay down in the vehicle.	
	-- Fire Extinguisher installed in patient area, at bulkhead	1
	-- Fire Extinguisher mounting bracket - Use std fork with band included Installed	1
	Compliant mount when mounted vertically ONLY. do not lay down this bracket.	
	-- Fire Extinguisher, 5 pound, Installed, IATS	1
XS	-- Fire Extinguisher installed in M-3 on wall #3 at floor level	1
	-- Fire Extinguisher mounting bracket - Use std fork with band included Installed	1
	Compliant mount when mounted vertically ONLY. do not lay down this bracket.	
	*****Door Department X Series > New	1
	-- Handles, Ext: Tri-mark 1875, Free Float, Polished CNNC finish X-Series	1
	-- Interior Release: All Entry Doors, with bezel Emergency Access	1
	-- Entry Door Panels, Windows and Hardware, X-Series Units	1
S	-- Interior Grab Handle Color: Red Powder Coated ILOS	1
	Additional (1) 18" RED Grab Rail to be mounted on Stepwell side of Head of Bench RF ALS Cabinet. Angled to match stepwell entrance.	
S	-- Grab Handle, CS Entry: (1) 3-pt "L" Shaped 90, RED ILOS	1
S	-- Grab Handles, Rear Access: (2) 3-pt "L" Shapped 90, RED ILOS	1
	-- Grab Rail, (1), 18" RED - Rear Entry Assist std. ILOS	1
	Part No: RAIL-BK18EF	
	COAT-CUSTOMR send for powder coat to STOP SIGN RED	



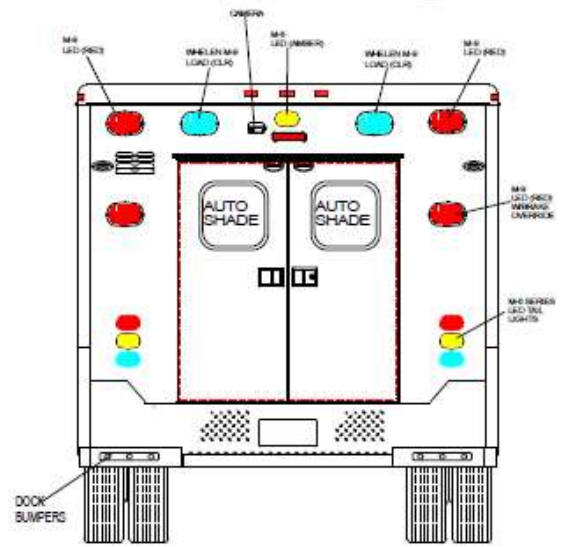
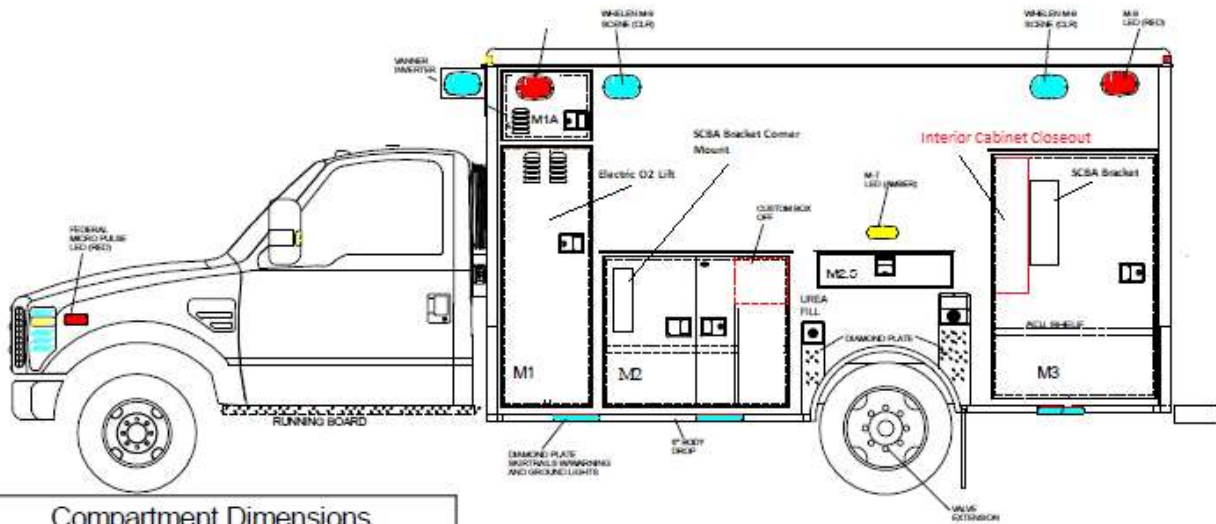
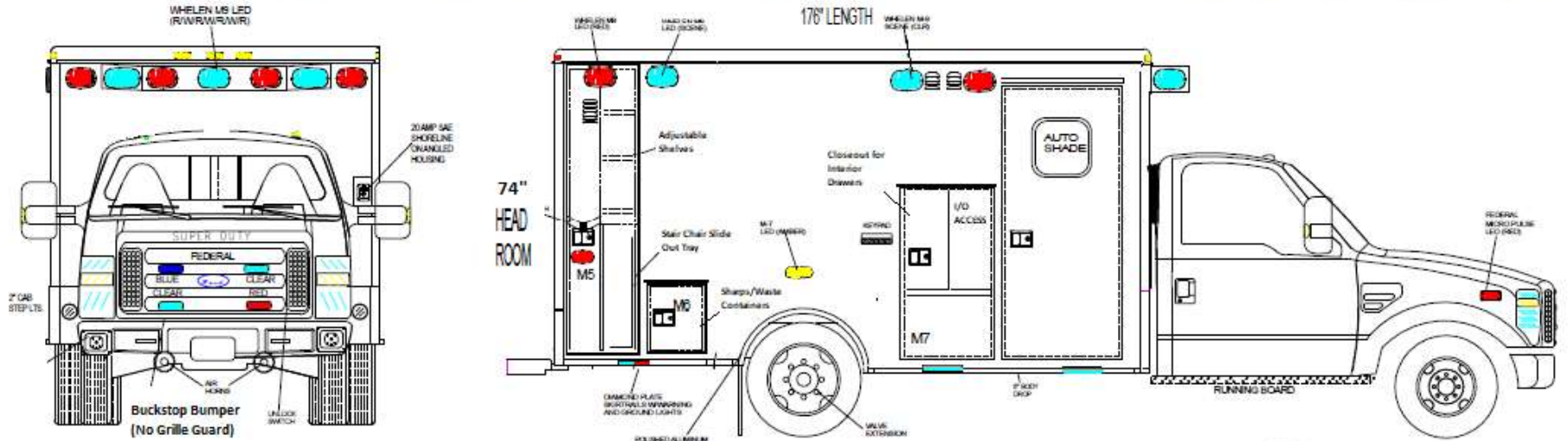
S	DESCRIPTION	QTY
	Located : Module interior at the rear entry, mounted to the M5 compartment filler. Rail is to be through bolted into M5.	
	-- Door Panels: Mica over Smooth Alum (Upper/Lower), Upholstery (Center) The mica is laminated to smooth aluminum.	1
	-- Multi-Color Printed LOGO: (3) Entry Doors, Customer Logo, requires clear image Printed Multi-color logo onto panel, Back side lighted with LED lighting. ENG > to VENDOR PANL-DLW6X702 (3) 6x7 door logo w LED KINEQ	1
	-- "AUTO SHADE" Windows: Upper R/A Doors, Fixed Glass, X-STD 17.3"W x 19.3"H WIND-H0161 (2) WIND-SMART film (2)	1
	-- "AUTO SHADE" Window: Upper C/S Access, Fixed Glass, X-Series STD WIND-H0161 1 kit WIND-SMART 1	1
	-- Inverter, "Auto Shade" Windows : Part of X series windows	1
	-- Insulation: All Module Doors, 2" Black Foam, X-Series units #INSU-ARM2	1
	-- Insulation: All Module Doors, Black Sound Proofing, X-Series units #INSU-KSU	1
	-- Rear Entry Assist Handle not required	1
	-- Grab Rail, C/S wall, Various types C/S Entry, NONE	1
	Talk Through Bulkhead Window 100% w Black Bezel Radius Corners - Clear Window ECR-1066 Black Surround Bezel, no laminte, no trim, Advanced radius corners. 100% window opening to minimum of 150 sq inches talk thru	1
	-- Sliding Window Locking Pin: 1/4" with Lanyard	1
	Dri-Dek Compt Floors and shelves, Black, STD X-Series	1
	-- Dri-Dek EDGES: Red, Beveled frontal edges	1
	-- Flex Defibrillator Surface and Wall mount Intraxx Zoll X ITX- + Short Rail Wall or surface mount swivel to secure Zoll X series Short rail, black end caps by separate part 1 pc of rail.	1
	<b>ELECTRICAL Point to Point - CELL 6</b>	
	-- IV Warmer No 1: Smithworks, 12VDC, FloorMount (Tray style)	1
	-- Location: Cabinet B, over the A/A	1
	-- Right of the center divider	1
	-- IV Warmer No 2: Smithworks, 12VDC, FloorMount (Tray style)	1
S	-- Location: Cabinet D, aft of Cabinet at floor level	1
	-- Space for recess full body comm. radio head at action area Full body radio to be installed after factory delivery Depth required for full body radio	1
	Cabinet Light(s) : "DAY BRIGHT" LED White Lights, X-Series Units	1
	-- Cab Interior Lights Switching: Thru MultiPlex System	1
	-- Daybright location 1	1
	-- Daybright Light Location Cabinet B	1
	-- Daybright location 2	1

S	DESCRIPTION	QTY
	-- Daybright Light Location Cabinet D	1
	-- Daybright location 3	1
	-- Daybright Light Location Cabinet O1	1
	-- Daybright location 4	1
	-- Daybright Light Location Cabinet H	1
	-- Daybright location 5	1
	-- Daybright Light Location Cabinet K	1
	-- Daybright location 6	1
	-- Daybright Light Location Cabinet K	1
	-- Daybright location 7	1
	-- Daybright Light Location Cabinet I-2	1
	-- Daybright location 8	1
	-- Daybright Light Location Cabinet I-1	1
	-- Daybright location 9	1
S	-- Daybright Light Location Cabinet SPECIAL please define Cabinet L at rear of Squad Bench	1
	-- Daybright location 10	1
S	-- Daybright Light Location Cabinet SPECIAL please define Cabinet at AFT of CPR Seat	1
	-- Medical Cabinet, OTE #19505C, Super Med Storage Unit, Automatic Heat/Cool Unit will be 40 Degree model FLANGE MOUNT TCM included	1
	-- OTE cabinets compression key lock std LOCK-COMP compression lock Keyed with 2 keys ship loose the matching keys for this compression lock	1
	-- Accessory Load Manager: For Cooling Cabinet or Fridge	1
	-- Black plastic vent (1) installed Ventilation for refrigerator installed, no fan (1) VENT-01	1
	Action Area Light: 12V, LED, Surface Mount	1
	-- Light Location: Action Area	1
	Telemetry Area Light: 12V, LED, Surface Mount	1
S	-- Light Location: Bottom of Cabinet I-1	1
	<b>UPHOLSTERY - CELL 7</b>	
S	Upholstery Color: Black with Port Inserts, Vacuum Form, ILOS Taupe = UPH0-MDA312 =Morbern Taupe MDA312 Black = UPH0-FSBLK Flexsteel black	1
	-- Center Trough Upholstery Color: Color Key to Rest of Truck	1
	Uph Joint Type: "PREMIUM " Upgrade-X series Standard	1
	Squad Bench seat cushion cut-outs: None	1
	Head Protection: Pad over CS Entry Door	1
	Head Protection: 2" Pad over Rear Access Doors, Full Width	1
	-- Clock: Intellitec Digital / Sweep Emergency Time Manager	1
	-- Location: Over Rear Doors	1
	<b>PAINT - STRIPES - DECALS</b>	
	-- Undercoating : Per QVM Guidelines, STD	1

S	DESCRIPTION	QTY
S	<p>Exterior Aluminum Bolt On Parts Black Out Package- Speedliner Black                      The following items are to be assembled by AEV production and sent for Gloss Black Speed Lined coating;                      &gt;                      &gt; Single bend sill protectors, compartments/ coated.                      front and rear plates for running boards 4pcs                      front of module body diamond plate stone guards                      corner caps 4 pieces                      skirt rail kit 4 pieces                      rear bumper assembly ,                      rear bumper pontoon covers aluminum diamond plate                      rear kick plate                      fuel fill bezel from body side                      Urea cast assembly from body side (If applicable )                      Fuel and def overfill lower plates (if purchased seperately)                      Curbside entry lower threshold, bottom one only                      Rear entry threshold one piece                      &gt;&gt; Black Speed Lined coating is an appearance package and is not warranted against stone chipping where road debris may come into contact. The rear flip step is not coated due to the constant contact with the patient cot., see separate option.</p> <p>OEM Front Bumper is let AS IS (No Coating will be installed on OEM bumper)                      Running boards ( Will not be coated, if that is required, it will be seperately quoted),</p>	1
	Reflective Tape: White Reflective On Painted edges of Exterior Door Frame	1
	Compartment Finish: Diamond Plate Standard	1
S	<p>Paint, Overall, Body Only, State Color Red - paint chassis and module                      Body Only, must choose option below for cab as well.                      Paint color to be: Red, to match customer fleet scheme</p> <p> -- Tape Stripe: NONE (KKK-F Deviation) 1                       -- Non-Compliant to KKK-F 3.16.2 ;Exterior Safety stripe to be Orange 1                       -- Roof Paint: Color and finish quality to be GLOSSY 1                      Drip Rails: Bright Alum, De-burred &amp; rounded corners (SHIPPED LOOSE) 1                      Include a drip rail over the C/S Entry Door shipped loose.</p> <p>Add Shop Note to Shipped Loose Section of W/O</p>	1
<b>DETAIL - SHIP LOOSE ITEMS</b>		
	<p> -- Drip Rails: Detail-Refer to Paint Section for Drip Rail Information                      Include a drip rail over the C/S Entry Door.</p>	1
	-- Owner's Manual USB Flash Drive ship loose	1
	Decals: KKK / DOT Pkg, Blue/White reflective - Ship Loose	1
	-- Decals: Install 32" Star of Life on Mod Roof	1
	Decals: NO SMOKING & SEATBELT, installed, cab & pt. area.	1
	Fire Extinguisher : Ship Loose : NONE	1
	<p> -- Exception to 3.15.2 Required Two fire extinguishers installed by FSAM                      Fire extinguishers were not installed with one in the driver's cab, one in the patient compartment at the time of departure from the final stage Ambulance Manufacturer.                      The customer/FSAM has shipped them loose for the dealer to complete the final install.</p>	1
	<p> -- Exception to C.16.1 1 Required Two fire extinguishers installed by FSAM                      Fire extinguishers were not installed iwth one in the driver's cab, one in the patient compartment at the time of departure from the final stage Ambulance Manufacturer.</p>	1

S	DESCRIPTION	QTY
	Reflector Pkg: SHIP LOOSE, For Body - 2ea, Side Fr Amb, Side Rr Rd, Rr	1
	Stick-on reflectors: Peterson "Spitfire" B484R and B484A	
	LOCATIONS: In lower corners of module	
	(2) - (1) each side and Front - AMBER	
	(2) - (1) each side and Rear - RED	
	(2) - On Rear of body - RED	
	Post And Wheel Cups: NONE	1
	Spare Tire: Refer To Chassis Section to See if it gets one.	1
	Primary Cot: NONE included	1
	Secondary Stretcher: NONE included	1
	Indemnification Statement	1
	The purchaser agrees to defend, indemnify and hold REV harmless from any claims, costs (including actual attorneys' fees), damages and liabilities caused in whole or in part by any alteration or modification of, or changes or additions to the Purchased Products OR use of product for purposes it was not designed or intended for.	
	<b>== 172 x 96 T-1 LWB Ford X Base Price - 35.012 10/05/22 ==</b>	
	<b>GENERAL CONVERSION</b>	
	2023 **172*** F-550 4 x 4 (X-Series ) Diesel Conv PKG 23-1 10/01/22	1
	-- CHANGE ORDER POLICY	1
	-- After Confirmation, Prior to Engineering	1
	Change Fee is \$100 Per Item, Plus Option Cost	
	-- After Confirmation, After Production Start	1
	Change Fee is \$200 Per Item, Plus 200% Option Cost	
	Additional labor charges above option costs may apply to accomodate the change at \$200 per hour.	
	Special order or non-stocking parts that are purchased for any ordered option that is subsequently deleted will be charged for and shipped loose.	
	>>	
	Changes after production starts are the most disruptive.	
	-- Change Order Recieved at Delivery ;	1
	\$300 charge per item, plus three times the standard option cost AND Any additional labor to accomodate the change at \$200 per hour,	
	Effective 01/28/2022	
	-- ***END OF ORDER***	1

CONCEPTUAL DRAWINGS ONLY: DRAWINGS ARE NOT TO SCALE, ALL MEASURES ARE APPROXIMATE & SUBJECT TO ENGINEERING CHANGE



Compartment Dimensions			
Cmpt	Height	Width	Depth
M1	67.5"	22.12"	20"
M1A	17.56"	22.12"	22.0"
M2	40.5"	49.8"	18"
M3	61.5"	29.0"	18"
M5	73.8"	15.0"	21.5"
M6	19"	17.5"	18"
M7	52.5"	32"	21.0"
C/S Access	84.8"	31"	N/A
Rear Access	60-5/8"	50-3/4"	N/A

\*\*\* XW SERIES \*\*\*  
 \*\*\* WIDE AISLE \*\*\*

\*CONCEPTUAL DRAWINGS  
 \* Some shown are optional  
 \* Due to AEV's ongoing improvements, drawings can change.

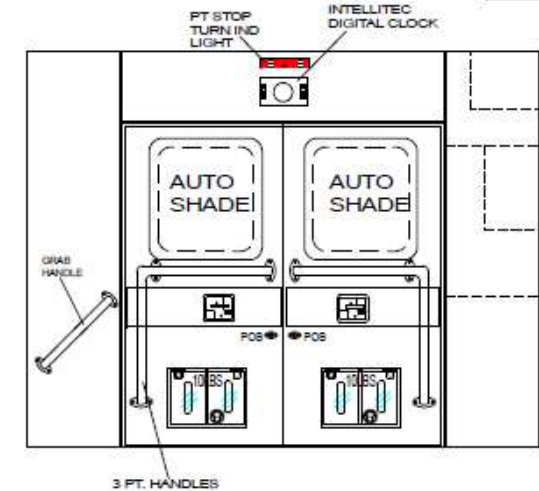
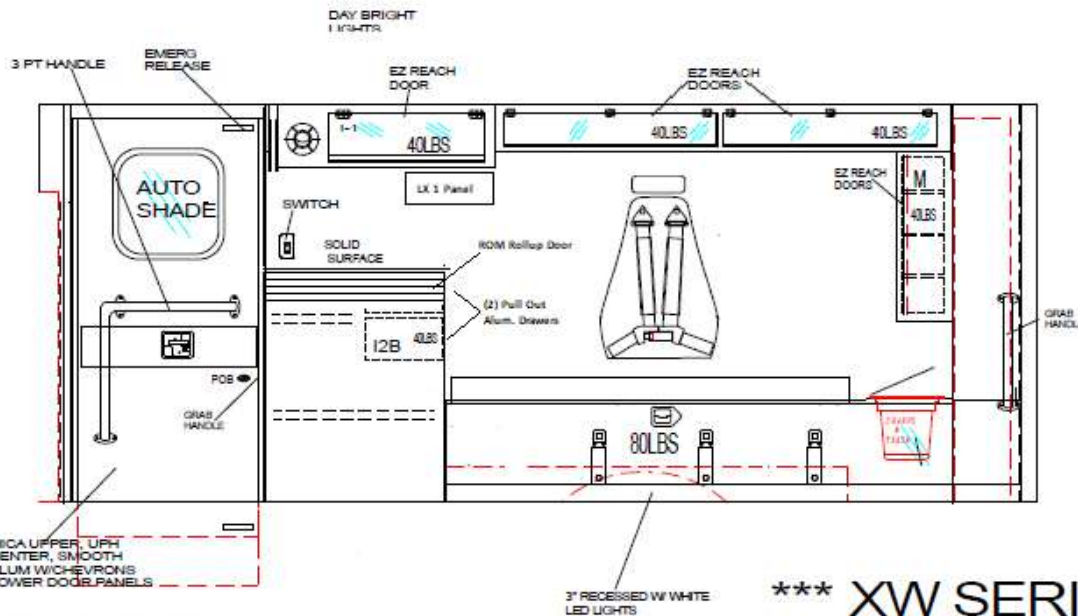
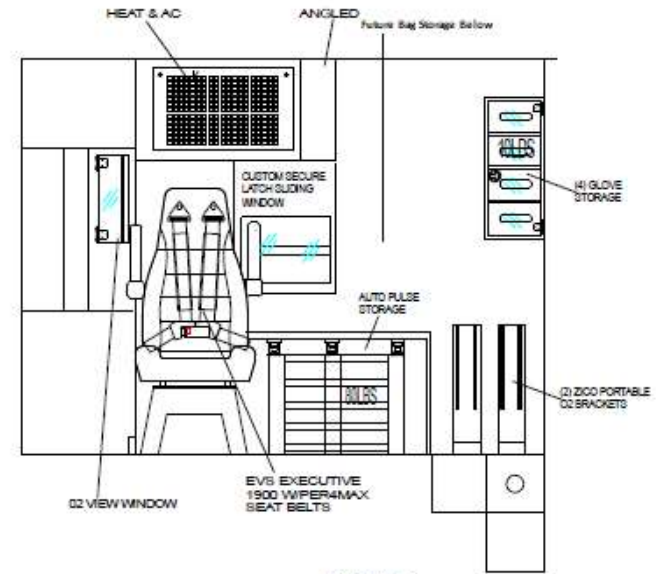
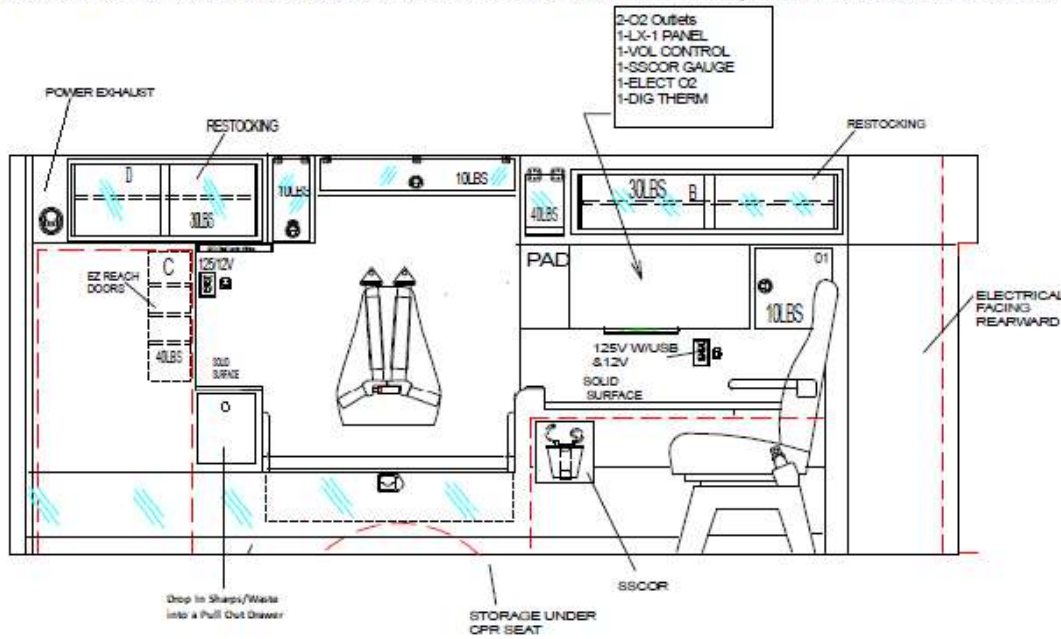
**AEVE**  
 AMERICAN EMERGENCY VEHICLES

TITLE: Type 1, 176, Exterior  
 DWG.#27955XW-E REV#0

BODY #

**WAUSAU FD**

CONCEPTUAL DRAWINGS ONLY: DRAWINGS ARE NOT TO SCALE, ALL MEASURES ARE APPROXIMATE & SUBJECT TO ENGINEERING CHANGE



MICA UPPER, UPH CENTER, SMOOTH ALUM W/ CHEVRONS LOWER DOOR PANELS

\* CONCEPTUAL DRAWINGS  
 \* Some shown are optional  
 \* Due to AEV's ongoing improvements, drawings can change.

\*\*\* XW SERIES \*\*\*  
 \*\*\* WIDE AISLE \*\*\*



AMERICAN EMERGENCY VEHICLES	
TITLE	
Type 1 F176" Interior	
DWG.#27955XW-I REV.#	WAUSAU FD
TRUCK#22 OF 27955XW	
BY:MDB DATE:10-19-21	



## Memorandum

**Date:** 12/8/2022

**To:** The Board of Public Works

**From:** Deputy Fire Chief Jeremy Kopp

**Subject:** Fire safety House

A handwritten signature in black ink, appearing to be "JK", located to the right of the "From:" line.

This memo is for the status of the fire safety house the fire department used to use for fire prevention in the schools. We no longer have a need for the fire safety house in the City of Wausau. We have revamped how we do fire prevention since covid and will no longer be using the fire safety house. There are some other departments in the area that do still use it and I would suggest gifting this trailer to the Ringle F.D. who uses it every year.



RINGLE FIRE DEPARTMENT, INC.  
RINGLE, WISCONSIN 54471

12/12/2022

To Whom It May Concern:

It has come to our attention that you are considering donating the Fire Prevention Smokehouse to the Town of Ringle Fire Department.

We would be very appreciative and grateful for the donation. We have used this smokehouse for our own fire prevention programs, taught at the Riverside grade school, in our jurisdiction, for many years now. The smokehouse helps to teach lifesaving fire escape skills to over 600 kids annually, in the event they are needed.

If donated, we agree to take the smokehouse as is, store it and maintain it, to be used for many more years to come.

Sincerely,

A handwritten signature in black ink, appearing to read 'Chris Kielman', written over a horizontal line.

Chris Kielman  
Chief Ringle Fire Department  
715-370-2640  
[ckautoglass@frontier.com](mailto:ckautoglass@frontier.com)



DATE: 12/9/2022

TO: Board of Public Works

FROM: Solomon King Fleet Manager

RE: Disposal of fire safety house

Fleet was recently asked if we had any concerns with the fire safety house being used by a neighboring fire department. The concerns we had were the condition and safe transport of the unit to their location. During the use of the fire safety house by Ringle Fire Department, the idea of donating it to the neighboring department was brought to me.

Some background on the trailer - The trailer is from 1984 and has a "tiny house" atop which essentially is an open room with a side closet. There is a generator connection on the outside to power line-voltage light fixtures. The trailer originally had 3 axles. However, after several axle failures and replacements, the front axle was removed, and the trailer was de-rated to a lower weight capacity. The trailer has been unused by Wausau and parked in the back lot of DPW for years.

Fleet supports and recommends the donation of the fire safety house to the Ringle Fire Department for the following reasons.

1. The trailer is aged past the useful life of a full-time fire department.
2. The trailer would require a large expense to bring to current standards for use. Including the purchase of tires, hitch components, trailer light wiring, etc.
3. Fleet has not received rental rate for this unit. Any expenses to this unit must be taken from the maintenance and repair of active units.
4. Ringle Fire Department has expressed they would accept the unit in its current condition.
5. Wausau Fire Department confirmed they do not have a need for the trailer and support it being donated to the Ringle Fire Department.
6. The trailer has almost no monetary value as the weight capacity has been de-rated.

I ask the Board of Public Works to consider donating the fire safety house (Unit 4677) to the Ringle Fire Department following the recommendations from Fleet and Wausau Fire Department.



Solomon King Fleet Manager

## BOARD OF PUBLIC WORKS

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Date of Meeting: January 10, 2023, at 11:00 a.m. in the Council Chambers

Members Present: Eric Lindman, Anne Jacobson

Also Present: Allen Wesolowski, Dustin Kraege, Solomon King, Lori Wunsch

In compliance with Chapter 19, Wisconsin Statutes, notice of this meeting was posted and received by the *Wausau Daily Herald* in the proper manner.

### **Approve minutes of the December 20, 2022 meeting**

Jacobson moved to approve the minutes of the previous meeting. Lindman seconded and the motion passed.

### **Wastewater Treatment Facility Improvement Project: Miron Construction, Pay Estimate #30**

This pay estimate has been reviewed by Lindman and the consultant. Lindman moved to approve Pay Estimate #30 in the amount of \$24,714.06. Jacobson seconded and the motion passed.

### **Discussion and possible action on amendment to EMCS, Inc. agreement for Phase III final design of Stewart Avenue from South 72<sup>nd</sup> Avenue to South 48<sup>th</sup> Avenue**

Wesolowski explained this would get us to final design for the STP Urban DOT project of Stewart Avenue from 48<sup>th</sup> Avenue to 72<sup>nd</sup> Avenue. There has been some discussion on the arrangement of the contract versus an amendment. Lindman indicated we could revise the contract to reflect that this is an amendment. Jacobson added that it was properly amended and the wording on the agenda is appropriate.

Wesolowski noted there is \$150,000 budgeted. The cost to get to final design went up because the wetland delineation expired during the design phase. The wetlands will have to be delineated, which is roughly an additional \$10,000. These costs have been included in this amendment.

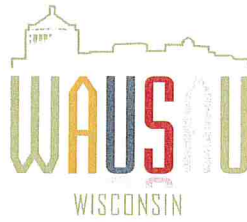
Lindman moved to approve the additional work up to final design contingent on the revision of the contract to reflect that it is an amendment to the original contract. Jacobson seconded and the motion passed.

### **Discussion and possible action on donation of fire safety trailer**

A history of this was provided in the packet. Jacobson has no objection to the work that has been done or the donation of it, but she does not know if it is a decision of the Board of Public Works to make. She believes the Council needs to make the decision of donating City property. She is concerned because so much more is coming to the Board of Public Works. By ordinance, the Council gave the Board the authority to administer claims; otherwise, the Board only has authority over streets and sidewalks. She would feel better if the authority to manage the fleet was delineated by the Council or a policy updated and/or clarified. Discussion followed.

This item will be brought forward to the Finance Committee.

Lindman moved to adjourn the meeting. Seconded by Jacobson and the motion passed. Meeting adjourned at approximately 11:15 am.



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Office of the City Attorney

TEL: (715) 261-6590  
FAX: (715) 261-6808

---


Anne L. Jacobson  
City Attorney

Tara G. Alfonso  
Assistant City Attorney

Nathan Miller  
Assistant City Attorney

MEMORANDUM

TO: Finance Committee

FROM: Anne Jacobson, City Attorney 

RE: KOZ Holdings LLC d/b/a Pro Players Sports Bar and Grill (Parking) Lease Agreement – 206 Grand Avenue, Schofield

DATE: January 18, 2023

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Purpose: Consideration of enforcement action on KOZ Holdings LLC d/b/a Pro Players Sports Bar and Grill (parking) lease agreement at 206 Grand Avenue, Schofield.

Background: The City of Wausau has leased Airport property adjacent to 206 Grand Avenue to the owners since April 25, 1994 for parking.

The current owner of 206 Grand Avenue, KOZ Holdings LLC, has had a lease with the city since November 11, 2014. On November 11, 2015, the lease was renewed for one year with an automatic renewal clause.

It has come to the city's attention that the lease payments for years 2019, 2020, 2021 and 2022 are delinquent. The total outstanding, including finance charges is \$7,221.74.

Request: The committee has a few options to consider:

1. A dunning letter could be sent to the owner requesting payment in full of all outstanding invoices and continue with the lease.
2. A Notice of Termination could be sent to the owner terminating the lease at which time the city would then commence collection proceedings to collect the unpaid invoices.

Encs. – lease, outstanding invoices

## LEASE AGREEMENT

THIS AGREEMENT OF LEASE, effective the 11<sup>th</sup> day of November, 2015, between the City of Wausau, a municipal corporation, located in Marathon County, Wisconsin, hereinafter referred to as "LESSOR", and Koz Holdings LLC d/b/a Pro Players Sports Bar and Grill, located at 206 Grand Avenue, Schofield, Wisconsin, in Marathon County, hereinafter referred to as "LESSEE";

WITNESSETH:

WHEREAS, the City of Wausau is the owner of certain premises further described on Appendix A attached hereto and incorporated herein which is adjacent to LESSEE's property and which is a part of the Wausau Downtown Airport; and

WHEREAS, said premises are in the flight pattern of landing aircraft; and

WHEREAS, said premises are presently not in use for airport purposes; and

WHEREAS, LESSEE has requested LESSOR allow LESSEE to use this parcel as a parking area; and

WHEREAS, said premises are within the City of Wausau and immediately adjoining to the municipal boundary of the City of Schofield; and

WHEREAS, Lessor has leased to Lessee said premises since November 11, 2015.

NOW, THEREFORE, it is covenanted and agreed, between the parties as follows:

1. Term. Subject to the termination provisions contained in paragraph 8 of this lease, LESSOR has leased to LESSEE, effective November 11, 2015, and hereby continues to lease to LESSEE the following premises described in Exhibit A (attached), located in the City of Wausau, for a term of one year, automatically renewable on identical terms, on the effective date indicated on this lease for successive terms of one year, unless LESSEE notifies LESSOR at least 30 days in advance of the expiration of a renewal term of its intent not to renew this lease.

2. Fees. LESSEE shall be held liable to LESSOR, in return for the use of this property, an amount equaling what LESSOR's portion of the tax revenue would be for the demised premises as determined by the City Assessor, payment to be made upon execution of this agreement, and annually thereafter. Initially, the assessed value will be determined by multiplying Four Dollars (\$4) per square foot by the number of square feet used by LESSEE, and taxed at the rate of Twenty-seven and 42/100 (\$27.42) per thousand. Thereafter, LESSOR reserves the right to adjust rent annually based on any changes in the assessed value of the subject premises or the tax rate.

3. Use. LESSEE shall use the premises exclusively for parking and shall be permitted to modify a portion of the lot for formal parking. LESSEE agrees to comply with all codes, ordinances, and other regulations of the City of Wausau, including but not limited to parking regulations, grass cutting, snow and ice removal, paving and drainage, and regulations regarding dust and debris. Any use other than a parking area shall automatically terminate this lease.

LESSEE, as part of the consideration hereof, does hereby covenant and agree as a covenant running with the land that:

- A. No person on the ground of race, color, national origin, creed, sex, or residency shall be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facility;
- B. That in the placing of any improvements on, over, or under such land, and the furnishing of services thereon, no person on the grounds of race, color, national origin, creed, sex, or residency shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination; and
- C. That LESSEE shall use the premises in compliance with all other requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation/Effectuation of Title 6 of the Civil Rights Act of 1964, and as said regulations may be amended; and pursuant to Section 30, Civil Rights (49 U.S.C. 1730) of the Airport and Airway Development Act Amendments of 1976.

LESSOR reserves, for the use and benefit of the public, a right of flight for the passage of aircraft in the airspace above the surface of real property herein described, together with the right to cause in said airspace such noise as may be inherent in the operation of aircraft, now known, or hereafter used, for navigation of or flight in the said airspace, and for use of said airspace for landing, taking off from, or operating from the airport.

4. Restrictions on Use. LESSEE expressly agrees to prevent any use of the herein described real property which would interfere with or be a hazard to the flight of aircraft over the property, or to and from the airport, or interfere with air navigation and communication facilities presently or in the future serving the airport.

LESSEE shall not create any hazard which would interfere with the use of the Wausau Downtown Airport or which is contrary to the regulations of the Federal Aviation Administration or the State of Wisconsin or the City of Wausau.

5. Right of Entry. LESSOR shall have free access to the demised premises at all reasonable times for the purpose of examining or investigating the condition thereof, in order to exercise any right or power reserved to LESSOR under the terms and provisions of this lease agreement.

6. Assignment. LESSEE shall not sell or assign this lease or sublet the demised premises or any part thereof.

7. Insurance. LESSEE shall provide a certificate of liability insurance sufficient to LESSOR naming LESSOR as an additional insured.

8. Termination of Lease. LESSOR shall have the right to terminate this lease upon 30-days' written notice to LESSEE at any time during the term of this lease and for any reason whatsoever, such reasons including but not being limited to LESSOR's determination, at its sole discretion, that the premises are required by LESSOR for a higher and better use, such as airport expansion, sale of the premises, or any other reason whatsoever.

9. Liability. LESSEE agrees to assume all liability for any and all injuries or damages that may arise from any accident or anything whatsoever that occurs on or about the demised premises, including injury and/or damages from falling aircraft and/or objects falling therefrom; LESSEE hereby releases the City of Wausau and any officers, agents, employees, and/or designees of the City of Wausau, and of any other city agency, from all debts, claims, demands, damages, actions and causes of action, whatsoever, which may result from any actions of anyone in the construction, maintenance, and/or in the utilization of or in the use of the demised premises as a park or as anything else, or which may result from any actions whatsoever of anyone relating to or regarding the demised premises, whether or not they are on the premises pursuant to permission of LESSEE; and LESSEE further agrees to indemnify and to save and hold the City of Wausau, and any officers, agents, employees and/or designees of the City of Wausau, and of any other city agency, free and harmless from and against any damages, loss, costs, claims, expenses, suits, demands, actions and/or causes of action of any kind or of any nature, which may be sustained, made, and/or occasioned to the City of Wausau, and any officers, agents, employees, and/or designees of the City of Wausau, and of any other city agency, at any time by reason of damage or damages or injury to persons or property, or death to any person, or by reason of any other liability imposed by law or by anything or by anyone else upon the City of Wausau, and any officers, agents, employees, and/or designees of the City of Wausau, and of any other city agency, as the result of and/or due to anything occurring on, about, or relating to the demised premises and/or anything occurring pursuant to this Lease, whether or not those actions and/or occurrences occurred pursuant to authorization and/or acquiesce of LESSEE.

10. Notices. All notices required by this Lease shall be in writing and personally delivered or sent First Class Mail to LESSOR, in care of the City Clerk, City Hall, 407 Grant Street, Wausau, Wisconsin 54403; and to LESSEE, Koz Holdings LLC d/b/a Pro Players Sports Bar and Grill, 1119 S. 7<sup>th</sup> Avenue, Wausau, Wisconsin 54401.

[Signatures on next page]

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed on the date first above written.

Jessie Farsch  
Witness

Akline  
Witness

Jessie Farsch  
Witness

\_\_\_\_\_  
Witness

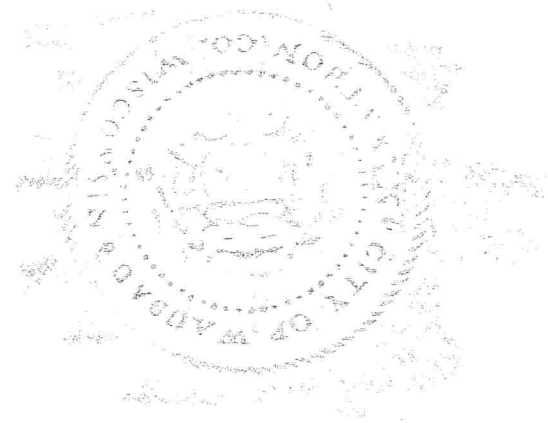
CITY OF WAUSAU (LESSOR)  
BY Robert B Mielke  
Robert B. Mielke, Mayor

Attest: Toni Rayala  
Toni Rayala, Clerk

KOZ HOLDINGS LLC d/b/a Pro Players  
Sports Bar and Grill (LESSEE)

BY [Signature] 7/26/19

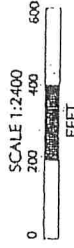
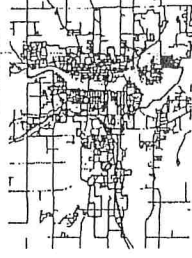
BY \_\_\_\_\_



2807-121

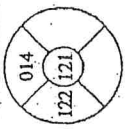
# OFFICIAL CITY MAP CITY OF WAUSAU WAUSAU, WISCONSIN

NE One-Quarter  
T28N-R07E-SEC. 12

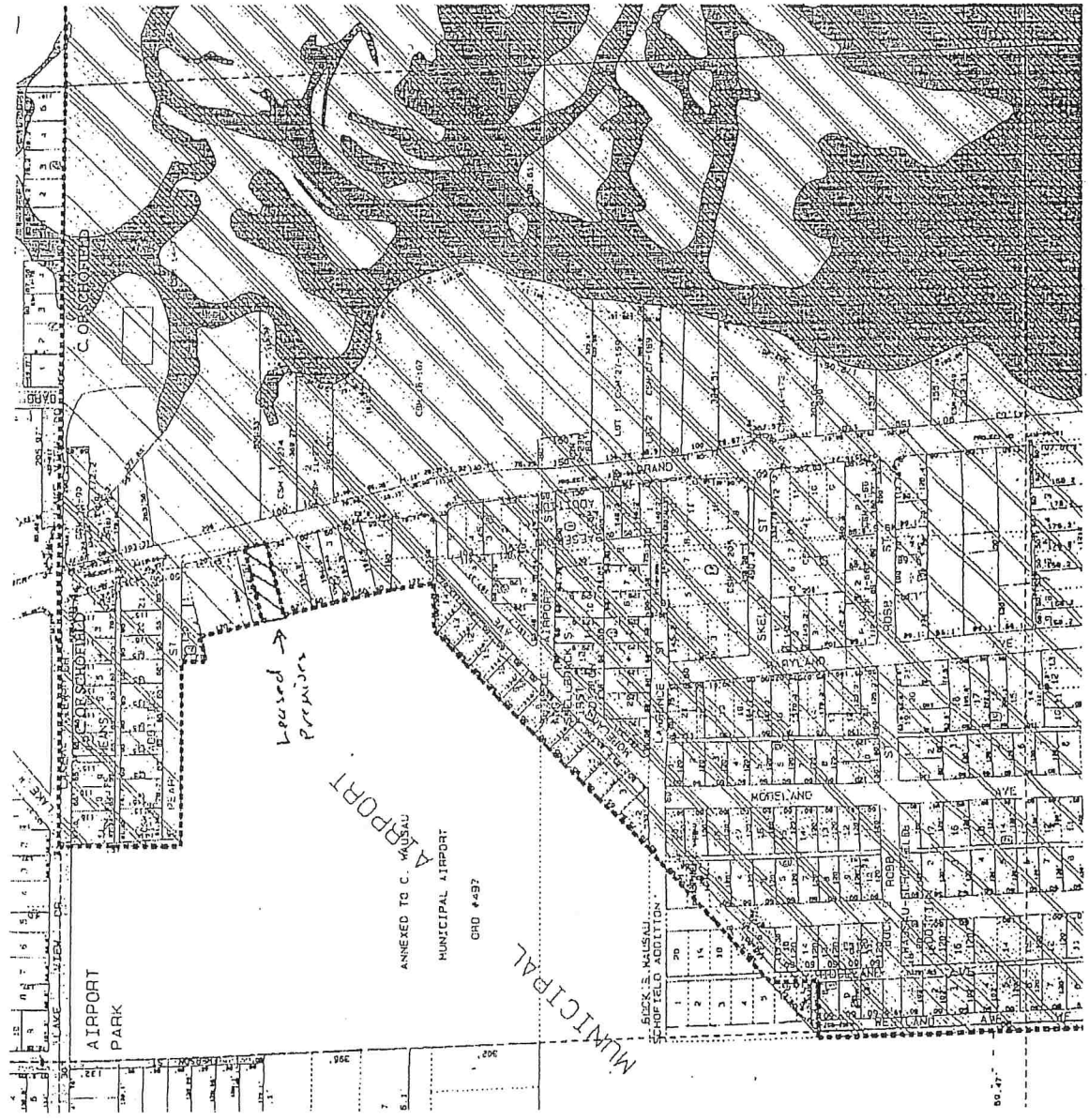


NOTES:  
1. THIS MAP IS THE PROPERTY OF THE CITY OF WAUSAU AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE CITY OF WAUSAU.  
2. THIS MAP IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS DESIGNED.  
3. THE CITY OF WAUSAU IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY APPEAR HEREIN.

City of Wausau  
Department of Public Works  
477 Commercial Street, Wausau, WI 54980  
608.785.2222



2807-121





Mailed to updated address. 1114 S 7th Ave

Wausau, WI 54401



**CITY OF WAUSAU**  
407 GRANT STREET  
WAUSAU, WI 54403-4783  
(715) 261-6643  
FED ID # 39-6005648

# INVOICE

INVOICE NO. 1283990  
INVOICE DATE 12/31/2018  
CUSTOMER NO. 12435

\*KOZ HOLDINGS  
D/B/A PRO PLAYERS SPORTS BAR  
206 GRAND AVE  
SCHOFIELD WI 54476



ALL DELINQUENT ACCOUNTS WILL  
BE ASSESSED A MONTHLY FINANCE  
CHARGE OF 1.50%

INVOICE DESCRIPTION	AMOUNT
LEGAL SERVICE FEES-PARKING LOT 715 261-6590 11/11/14 - 11/10/15	
PARKING LOT LEASE 11/11/18 - 11/10/19 \$4 PER SQ FT (10,890) X \$27.42 /1000 TAX RATE	110-3088223 \$ 1,157.39
- 1 -	<b>TOTAL AMOUNT DUE: 1,157.39</b>

THIS BILL IS DUE AND PAYABLE UPON RECEIPT, DELINQUENT IF 30 DAYS PAST DATE OF INVOICE

\*KOZ HOLDINGS  
D/B/A PRO PLAYERS SPORTS BAR  
206 GRAND AVE  
SCHOFIELD WI 54476

AMOUNT DUE: \$ 1,157.39

PAYMENT DATE: \_\_\_\_\_

AMOUNT ENCLOSED: \_\_\_\_\_

Make check payable and mail payments to:

CITY OF WAUSAU  
CLERK-CUSTOMER SERVICE  
PO BOX 78510  
MILWAUKEE, WI 53278-8510



0600000001283990000115739000115739123120188



**CITY OF WAUSAU**  
 407 GRANT STREET  
 WAUSAU, WI 54403-4783  
 (715) 261-6644  
 FED ID # 39-6005648

# INVOICE

INVOICE NO. 1292453  
 INVOICE DATE 12/31/2019  
 CUSTOMER NO. 12435

\*KOZ HOLDINGS  
 D/B/A PRO PLAYERS SPORTS BAR  
 1119 S 7TH AVE  
 WAUSAU WI 54401



ALL DELINQUENT ACCOUNTS WILL  
 BE ASSESSED A MONTHLY FINANCE  
 CHARGE OF 1.50%

INVOICE DESCRIPTION	AMOUNT
LEGAL SERVICE FEES-PARKING LOT 715 261-6590	
PARKING LOT LEASE 110-3088223 11/11/19 - 11/10/20 \$4 PER SQ FT (10,890) X \$27.42 /1000 TAX RATE	\$ 1,194.42
- 1 -	<b>TOTAL AMOUNT DUE: 1,194.42</b>

THIS BILL IS DUE AND PAYABLE UPON RECEIPT, DELINQUENT IF 30 DAYS PAST DATE OF INVOICE

\*KOZ HOLDINGS  
 D/B/A PRO PLAYERS SPORTS BAR  
 1119 S 7TH AVE  
 WAUSAU WI 54401

AMOUNT DUE: \$ 1,194.42

PAYMENT DATE: \_\_\_\_\_

AMOUNT ENCLOSED: \_\_\_\_\_

Make check payable and mail payments to:

CITY OF WAUSAU  
 CLERK-CUSTOMER SERVICE  
 PO BOX 78510  
 MILWAUKEE, WI 53278-8510



\* 0 0 0 1 2 9 2 4 5 3 \*



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**CITY OF WAUSAU**

407 GRANT STREET  
WAUSAU, WI 54403-4783  
(715) 261-6644  
FED ID # 39-6005648

**INVOICE**

INVOICE NO. 1300894

INVOICE DATE 12/31/2020

CUSTOMER NO. 12435

\*KOZ HOLDINGS  
D/B/A PRO PLAYERS SPORTS BAR  
1119 S 7TH AVE  
WAUSAU WI 54401



ALL DELINQUENT ACCOUNTS WILL  
BE ASSESSED A MONTHLY FINANCE  
CHARGE OF 1.50%

INVOICE DESCRIPTION	AMOUNT
LEGAL SERVICE FEES-PARKING LOT 715 261-6590  PARKING LOT LEASE 11/11/20 - 11/10/21 \$4 PER SQ FT (10,890) x \$27.42 /1000 TAX RATE	110-3088223           \$ 1,194.42
- 1 -	<b>TOTAL AMOUNT DUE: 1,194.42</b>

THIS BILL IS DUE AND PAYABLE UPON RECEIPT, DELINQUENT IF 30 DAYS PAST DATE OF INVOICE

\*KOZ HOLDINGS  
D/B/A PRO PLAYERS SPORTS BAR  
1119 S 7TH AVE  
WAUSAU WI 54401

AMOUNT DUE: \$ 1,194.42

PAYMENT DATE: \_\_\_\_\_

AMOUNT ENCLOSED: \_\_\_\_\_

Make check payable and mail payments to:

CITY OF WAUSAU  
CLERK-CUSTOMER SERVICE  
PO BOX 78510  
MILWAUKEE, WI 53278-8510



060000001300894000119442000119442123120206



**CITY OF WAUSAU**  
 407 GRANT STREET  
 WAUSAU, WI 54403-4783  
 (715) 261-6644  
 FED ID # 39-6005648

# INVOICE

INVOICE NO. 1309025  
 INVOICE DATE 12/31/2021  
 CUSTOMER NO. 12435

\*KOZ HOLDINGS  
 D/B/A PRO PLAYERS SPORTS BAR  
 1119 S 7TH AVE  
 WAUSAU WI 54401



ALL DELINQUENT ACCOUNTS WILL  
 BE ASSESSED A MONTHLY FINANCE  
 CHARGE OF 1.50%

INVOICE DESCRIPTION	AMOUNT
LEGAL SERVICE FEES-PARKING LOT 715 261-6590	
PARKING LOT LEASE 11/11/21 - 11/10/22 \$4 PER SQ FT (10,890) X \$27.42 /1000 TAX RATE	110-3088223  \$ 1,194.42
- 1 -	<b>TOTAL AMOUNT DUE: 1,194.42</b>

THIS BILL IS DUE AND PAYABLE UPON RECEIPT, DELINQUENT IF 30 DAYS PAST DATE OF INVOICE

\*KOZ HOLDINGS  
 D/B/A PRO PLAYERS SPORTS BAR  
 1119 S 7TH AVE  
 WAUSAU WI 54401

AMOUNT DUE: \$ 1,194.42

PAYMENT DATE: \_\_\_\_\_

AMOUNT ENCLOSED: \_\_\_\_\_

Make check payable and mail payments to:

CITY OF WAUSAU  
 CLERK-CUSTOMER SERVICE  
 PO BOX 78510  
 MILWAUKEE, WI 53278-8510



<b>RESOLUTION OF THE FINANCE COMMITTEE</b>	
Authorizing the amendment of fees to the City of Wausau Fees and Licenses Schedule adopted pursuant to Wausau Municipal Code §3.40.010(a) relating to commercial kennel permit fees.	
Committee Action:	
Fiscal Impact:	
File Number:	Date Introduced:

FISCAL IMPACT SUMMARY			
<b>COSTS</b>	<i>Budget Neutral</i>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	<i>Included in Budget:</i>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	<i>One-time Costs:</i>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	<i>Recurring Costs:</i>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>SOURCE</b>	<i>Fee Financed:</i>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	<i>Grant Financed:</i>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	<i>Debt Financed:</i>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	<i>TID Financed:</i>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	<i>TID Source: Increment Revenue</i>		<input type="checkbox"/>
		<i>Funds on Hand</i>	<input type="checkbox"/>
		<i>Interfund Loan</i>	<input type="checkbox"/>

## RESOLUTION

**WHEREAS**, the City of Wausau has adopted a comprehensive Fees and License Schedule at W.M.C. §3.40.010, and

**WHEREAS**, the City of Wausau is desirous to establish a commercial kennel permit for those entities wishing to conduct this type of business within the City; and

**WHEREAS**, the surrounding communities charge \$100.00 annually for such a permit to those businesses within their corporate limits; and

**WHEREAS**, your Public Health & Safety Committee, at its January 16, 2023 meeting, recommended that the City establish a fee of \$100.00 annually for a commercial kennel permit and incorporate these fees as part of the City of Wausau Fees and Licenses Schedule; and

**WHEREAS**, your Finance Committee, at its January 24, 2023, meeting, recommended that the City establish a fee of \$100.00 annually for a commercial kennel permit and incorporate these fees as part of the City of Wausau Fees and Licenses Schedule.

**NOW THEREFORE, BE IT RESOLVED**, by the Common Council of the City of Wausau, that an annual commercial kennel permit fee of \$100.00 is hereby adopted and incorporated into the City of Wausau Fees and Licenses Schedule pursuant to W.M.C. § 3.40.010.

Approved:

\_\_\_\_\_  
Katie Rosenberg, Mayor