



RFA GOVERNANCE BOARD REGULAR MEETING AGENDA

4:00 P.M. – Tuesday, April 13, 2021

View live via Facebook: <http://www.Facebook.com/RentonRFA>

- Call Meeting to Order
- Roll Call
- Agenda Modifications
- Announcements, Proclamations, and Presentations
- Public Comment

Members of the audience may comment on items relating to any matter related to RFA business under the Public Comment period. Comments are limited to three (3) minutes per person pursuant to the rules established under Section 8 of the Bylaws.
- Consent Agenda
 - Approval of [Minutes from March 9, 2021](#) Regular Meeting
 - Approval of [Vouchers](#): AP Check Register 2/16/21 – 3/15/21
Payroll Check List 2/1/21 – 2/28/21
- Signing of Vouchers
- Board Committee Reports
 - Budget and Finance Committee
 - Operations and Capital Committee
- [Chief's Report](#)
- Division Reports
 - Administration
 - Lieutenant Exam Process Update
 - EMS/Health & Safety
 - RRFA Mobile Vaccination Partnership with Community Members
 - On-boarding new CARES RNs (Yasmin and Krista)
 - CPR Consortium Update
 - Future Women in EMS/Fire Workshop
 - Response Operations
 - Training Updates
 - Station 17 crews received Wildland Operations training.
 - Wildland technicians received their Red Card refresher training.

GOVERNANCE BOARD REGULAR MEETING AGENDA

April 13, 2021

Page 2 of 3

- Multiple companies participated in vehicle extrication training.
 - All crews received their first quarter EMS training on Endocrinology.
 - Haz-Mat Team drill with Seattle on metering drugs with live sample.
 - Tech Team drilling on Boat Control Lines.
 - Public Relations
 - Standby at Renton Stadium for Football
 - North Seattle College Ride-A-Long Program
 - Significant incidents
 - 03-10 179th CMD Residential Fire
 - 03-10 125th CMD Residential Fire
 - 03-12 Seneca CMD Residential Fire with Exposures
 - 03-13 Sage CMD Commercial Fire
 - 03-19 300 Blk of S Grady Way Shooting
 - Support Services
 - Station 11 Remodel Update
 - Sump at Station 11
 - Vehicle Purchases
 - Office of the Fire Marshal
 - [Quarterly OFM Report](#)
 - [Regional Fire Marshal Food Truck Inspection Checklist](#)
- Correspondence
 - [Thank You Letter](#) from Auburn Mountainview High School Student
- Unfinished Business
- New Business
 - [Employment Contracts](#)
 - [Aid Unit Purchase](#)
 - [Brush Rig Purchase](#)
 - [Station 16 Architect Contract](#)
 - [KCFD #20 FD CARES ILA](#)
 - [Bond Counsel Letter of Engagement](#)
 - [Reimbursement Resolution](#)
 - [D.A. Davidson Letter of Engagement for Bond Underwriter](#)
- Good of the Order

GOVERNANCE BOARD REGULAR MEETING AGENDA

April 13, 2021

Page 3 of 3

- Executive Session

Executive session pursuant to RCW 42.30.110(1)(i) to discuss with legal counsel representing the agency litigation or potential litigation to which the agency, the governing body, or a member acting in an official capacity is, or is likely to become, a party, when public knowledge regarding the discussion is likely to result in an adverse legal or financial consequence to the agency.

- Future Meetings:

- Tuesday, April 27, 2021, 9:00 a.m., Budget/Finance Committee Meeting, Video Conference
- Tuesday, April 27, 2021, 10:30 a.m., Operations/Capital Committee Meeting, Video Conference
- Tuesday, May 11, 2021, 4:00 p.m., Governance Board Regular Meeting, Video Conference

- Adjournment



Renton Regional Fire Authority

18002 108th Ave SE
Renton, WA 98055
Office: (425) 276-9500
Fax: (425) 276-9592

MINUTES

RRFA Governance Board Regular Meeting

4:00 P.M. – Tuesday, March 9, 2021

Video Conference

CALL TO ORDER

Governance Board Chair Pérez called the regular meeting to order at 4:00 p.m.

ROLL CALL

Governance Board Members Present:

Kerry Abercrombie, Chair (Fire District 25)
Ruth Pérez, Vice Chair (City of Renton)
Marcus Morrell (Fire District 25)
Ryan McIrvine (City of Renton)
Myron Meikle (Fire District 25)
Randy Corman (City of Renton)
Linda Sartnurak (Non-Voting Advisory Position, Fire District 40)

Administrative Staff Present:

Chief Steve Heitman, Assistant Chief Roy Gunsolus, Chief Administration Officer Samantha Babich, Deputy Chief Chuck DeSmith, Fire Marshal Anjela Barton, Deputy Chief Mark Seaver, Battalion Chief Aho, Lieutenants Laycock, Hyslop and Krystofiak, Fleet Manager Brice Callaway, Facilities Manager Scott Murphy, IT Technician Wyatt Humphreys, and Administrative Supervisor Christine Noddings.

AGENDA MODIFICATIONS

There were no agenda modifications.

ANNOUNCEMENTS, PROCLAMATIONS, AND PRESENTATIONS

There were no announcements, proclamations, and presentations.

FIRE BENEFIT CHARGE HEARING

The Renton Regional Fire Authority Governing Board reconvened as the Benefit Charge Review Board, pursuant to RCW 52.26.250. The Review Board held two public hearings to receive petitions, the first on Tuesday, February 9th, 2021 and the second on Tuesday, February 23rd, 2021.

Renton RFA staff have administratively reviewed 47 individual petitions with a total of 62 requests and resolved 62 petition requests for adjustment.

PUBLIC COMMENT

There was no public comment.

CONSENT AGENDA

A **MOTION** was made by Board Member Corman and **SECONDED** by Vice Chair Morrell to approve the consent agenda for March 9, 2021. **MOTION CARRIED (6-0)**

GOVERNANCE BOARD REGULAR MEETING MINUTES

March 9, 2021

Page 2 of 5

SIGNING OF VOUCHERS

The members of the Finance Committee signed the voucher approvals for March 9, 2021.

BOARD COMMITTEE REPORTS

There were no Board Committee reports.

CHIEF'S REPORT

Chief Heitman's report included the following:

- Station 15 Recognition: I had the honor of participating in a citizen's presentation of a handmade wooden ladder truck to the Station 15 crew. The crew has aided Mr. and Mrs. Willcocks several times when they needed emergent services, and during their visits, the crew took note of the beautiful wood working projects throughout the Willcocks' home. Mr. Willcocks invited the crew to stop by if time permitted during a non-emergent event to see his workshop, and the crew accepted the invitation. After they took interest in his hobby, he began creating this wooden fire truck to gift to the crew for all they'd done for them. The project took an estimated 2 months to complete. The truck features backward seats, a retractable ladder, functional wheels and, of course, custom Renton RFA decals on the doors.
- KCFCA Supports Fireworks Ban in Unincorporated King County: While many cities within King County have already banned fireworks, citizens can light them off in unincorporated areas on the Fourth of July and New Year's Eve. King County Fire Chiefs Association (KCFCA) is in support of the proposed measure that would ban lighting off fireworks in unincorporated areas. Although people could not discharge fireworks, public displays would still be allowed with a permit from the Fire Marshal's office. Please find attached the KCFCA letter to County Councilmembers.
- City of Renton Interlocal Agreement: We are in the process of finishing up the ILA with City of Renton. The City is going to be leaving Station 12 by the end of the year, so we'll have that space and will figure out what to do with it in the future. We are vetting some ideas and will bring recommendations forth to the Governing Board when appropriate.
- RRFA/KCFD 40 Negotiation Update: Renton RFA and KCFD 40 discussed scope of service regarding fire suppression, EMS, FD CARES, hazmat, water rescue, wildland, training, technical rescue, public education, public information and chaplains. Both parties agreed on beginning with the sample performance metrics document shared by KCFD 40 representation to develop the appendix to the finalized interlocal agreement. Work groups were formed to further discuss in detail each assigned priority at this point in the negotiation process. We also drafted a Ground Emergency Medical Transportation (GEMT) MOU to determine where the funds from transport fees will be credited.
- Valley Communications Service Level Agreement: We are waiting for the final approval of the service level agreement from Valley Comm. This is the first service level agreement that Renton RFA has had from Valley Comm. The agreement outlines their services and gives us metrics to hold them accountable to.
- Governance Board Notifications: Per our procurement process and policy, I am notifying the Board of the following purchase: Sump Pump Replacement – \$49,975.71.

GOVERNANCE BOARD REGULAR MEETING MINUTES

March 9, 2021

Page 3 of 5

DIVISION REPORTS

Response Operations

- PSERN Project: The RFA is swapping out all portable radios on the rigs for new equipment. Final inventory was submitted prior to the March 8 deadline by Captain Hawkins and Chief Gunsolus.
- 2020 Top Aid Company: Congratulations to Nguyen Le and Brandon Caldwell from Station 13/C Shift.
- 2020 Top Ladder Company: Congratulations to Captain Jim Ochs, Engineer Chris Ellis, Firefighter Ben Thomas and Firefighter Brian Lane from Station 11/C Shift.
- Promotion/Retirements: Robert McGee retired March 1, 2021 after 25 years of service. Andrew Facchini was promoted to engineer effective March 1, 2021.
- Training: Recent training included Wildland Operations Level training for Engine 17 members, 80-hour pump academy for 2 members, Rescue System One academy and Aerial Stokes Operations training for the Tech Team, Rapid Rescue training for the Hazmat Team, and JATC exams and drills.
- Significant Calls: On 2/25, crews extricated a patient from their vehicle in under 20 minutes after the car went into a building. The patient made it to Harborview in under an hour.

Office of the Fire Marshal

- Monthly OFM report: OFM implemented a new program called the Compliance Engine effective January 1, 2021 that tracks systems testing to minimize system follow-up meetings regarding compliance violations. FM Barton also highlighted fire investigation year-to-date comparison statistics, fire code enforcement updates, plan review process updates, and public education efforts.
- Chief Heitman and FM Barton completed an inspection of the Red Lion that revealed improved efforts to address fire code violations. DSHS determined the Red Lion is a hotel. However, since the location meets the definition of an institution, regardless of whether the county chooses to license it as such, it is still categorized as an institution in the fire code and regulated as such. The RFA got a permit application for the Red Lion from King County to replace all fire sprinkler heads, a \$150,000 project.
- Compton Lumbar Co. installed an alarm system and acknowledged they have 12 months to either install a sprinkler system or build a new building. Denny's (Rainier Ave) has received their permits for demolition.

Administration

- King County Mitigation Grant Update: The RFA received reimbursement from King County to offset some of the expenses associated with the Red Lion Deintensification Center.
- KCFD 40 Contract Update: A finance work group was developed to collaborate and address finance questions that arise during the negotiation process.
- FirstWatch: The RFA is currently in the process of setting up a program called FirstWatch to monitor response times, travel times, and other metrics.
- WA Fire Careers Website Update: The website launched on March 9, 2021 and offers more affordable and accessible testing for residents in the Zone 3 area. Agencies can pull names from blood tests, costing the tester \$33 instead of \$250. The first exam will be in April 2021.

GOVERNANCE BOARD REGULAR MEETING MINUTES

March 9, 2021

Page 4 of 5

Support Services

- Aid Unit Bids: The RFA has received 3 bids and are waiting on a 4th bid. One of the bids is \$250,000/unit with a multi-unit discount (including a Skyway FD unit) that decreases the total cost to \$242,000 plus tax, well under the budget.
- Request for Qualifications for Station 16: RFQ is being published March 12, 2021 (and March 19, 2021) to obtain an architect for the Station 16 project. The architect will be chosen by the next Board meeting in April 2021.
- RFA Accreditation: This, in addition to setting up FirstWatch, will aid the RFA with accreditation and address the RFA's prior and current practices and future plans, aligning with the RFA's 2020-2025 Strategic Plan.

EMS/Health & Safety

- Fee for Transport Update: The RFA is receiving numbers for the first month of Fee for Transport. Billing going toward insurance is visible, and the RFA will have numbers for the Board next meeting for what the RFA will be receiving from those transports. Separate sets of data reporting are available for both RRFA and KCFD 40.
- Treat and Refer: The FD Cares RNs treat and refer patients at home on a daily basis. The RFA is looking forward to Medicaid reimbursing the RFA for services each time the FD Cares unit treats and refers patients.
- Mobile Vaccination Unit Distribution: The RFA has two units working in partnership with the Skyway Fire Department and City of Renton. Since February 24, 2021, the RFA has given 350 vaccinations to residents in the area that have difficulty registering for an appointment or are lacking the ability to visit a local clinic or pharmacy.
- Rotary Meeting Report: Chief Heitman and Chief DeSmith attended the last Rotary meeting to discuss how the RFA in 2020 had stood up new practices to be part of community health. With the new practices in place, the RFA was able to maintain current and past practices.

CORRESPONDENCE

There was no correspondence.

UNFINISHED BUSINESS

Staff Recommendation for Station 15 Refund

The City of Renton has refunded the RRFA \$866,131 from the construction and furnishing of Fire Station 15. Staff recommended that the funds be distributed between the Fleet and Facilities Capital funds.

A **MOTION** was made by Board Member Corman and **SECONDED** by Vice Chair Morrell to authorize staff to credit \$266,131 of the refund from Fire Station 15 into the Capital Fleet Replacement fund and \$600,000 into the Capital Facilities fund. **MOTION CARRIED (6-0)**

NEW BUSINESS

Proposed Changes to Governance Board Bylaws

Upon annual review of the bylaws, staff recommended changes to the bylaws to align with current practice. The first is updating the Board Chair approval timeline of the proposed agenda to "a timely manner so as to accommodate the preparation of the proposed agenda for approval by the Chair,

GOVERNANCE BOARD REGULAR MEETING MINUTES

March 9, 2021

Page 5 of 5

or Chair's designee." The second is changing the date, time and location of the Committee meetings to be established by Resolution of the Board.

A **MOTION** was made by Board Member Abercrombie and **SECONDED** by Board Member Corman to approve the recommended changes to the Governing Board bylaws. **MOTION CARRIED (6-0)**

Resolution 2021-01 Establishing Committee Meeting Schedule

The Governance Board Committee meetings were previously held on the 4th Monday of each month. Due to various scheduling conflicts, it was requested to move the meeting dates from the 4th Monday to the 4th Tuesday of each month at 9:00 a.m. (Budget/Finance) and 10:30 a.m. (Operations/Capital).

A **MOTION** was made by Board Member Corman and **SECONDED** by Board Member McIrvine to adopt Resolution 2021-01, establishing the regular date and times for holding the Governing Board Committee meetings as the 4th Tuesday of each month at 9:00 a.m. (Budget/Finance) and 10:30 a.m. (Operations/Capital). **MOTION CARRIED (6-0)**

GOOD OF THE ORDER

There was no good of the order.

EXECUTIVE SESSION

Executive Session pursuant to RCW 42.30.110(1)(g), to evaluate the qualifications of an applicant for public employment or to review the performance of a public employee.

A **MOTION** was made by Board Member Corman and **SECONDED** by Board Member Abercrombie to move into Executive Session. **MOTION CARRIED (6-0)**

Executive session was called at 5:03 p.m. for 30 minutes. The meeting reconvened at 5:33 p.m.

FUTURE MEETINGS

- Tuesday, March 23, 2021, 9:00 a.m., Budget/Finance Committee Meeting, Video Conference
- Tuesday, March 23, 2021, 10:30 a.m., Operations/Capital Committee Meeting, Video Conference
- Tuesday, April 13, 2021, 4:00 p.m., Governance Board Regular Meeting, Video Conference

ADJOURNMENT

The meeting was adjourned at 5:34 p.m.

Ruth Pérez, Board Chair

Christine Noddings, Board Secretary

VOUCHER APPROVAL FOR APRIL 13TH , 2021 MEETING

AUDITING OFFICER CERTIFICATION

I, the undersigned, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered or the labor performed as described herein, that any advance payment is due and payable pursuant to a contract or is available as an option for full or partial fulfillment of a contractual obligation, and that the claim is a just, due and unpaid obligation against the Renton Regional Fire Authority, and that I am authorized to authenticate and certify said claim.

Auditing Officer: _____

Steven C. Heitman, Fire Chief

AUDIT COMMITTEE

The vouchers below have been reviewed and certified by individual departments and the RFA's Auditing Officer as required by RCW's 42.24.080 & 090, and a list of vouchers has been provided for review by the Finance Committee.

The undersigned members of the Finance Committee of the Renton Regional Fire Authority do hereby approve for payment accounts payable vouchers totaling \$2,189,429.36, payroll vouchers and direct deposits totaling \$1,653,989.37

A/P VOUCHERS	Payment Date	Numbers	Amount
Checks	02/16/2021 - 03/15/2021	12959-13042	\$946,238.15
EFTs	02/16/2021 - 03/15/2021		\$408,450.29
Bank Drafts	02/16/2021 - 03/15/2021		\$834,740.92
TOTAL A/P			\$2,189,429.36
		No. of Vouchers	Amount
PAYROLL VOUCHERS			
Direct Deposits	2/25/2021	183	\$1,042,950.97
Payroll Checks	2/25/2021	0	\$0.00
Direct Deposits	3/10/2021	179	\$611,038.40
Payroll Checks	3/10/2021	1	\$0.00
TOTAL PAYROLL		363	\$1,653,989.37
TOTAL CLAIMS			\$3,843,418.73

Renton Regional Fire Authority Finance Committee:

Ruth Pérez, Board Chair

Marcus Morrell, Board Vice Chair

Myron Meikle, Board Member

Ryan McIrvine, Board Member

Randy Corman, Board Member

Kerry Abercrombie, Board Member



RENTON REGIONAL FIRE AUTHORITY

M E M O R A N D U M

DATE: April 13, 2021

TO: Kerry Abercrombie (Fire District 25)
Randy Corman (City of Renton)
Myron Meikle (Fire District 25)
Ryan McIrvine (City of Renton)
Marcus Morrell (Fire District 25)
Ruth Pérez (City of Renton)
Linda Sartnurak (Non-Voting Advisory Position, Fire District 40)

FROM: Steve Heitman, Fire Chief

SUBJECT: **Renton Regional Fire Authority Chief's Report**

1. Recognition Awards

Please join me in congratulating the following members for Member of the Year and Top Company Awards:

EMT of the Year, 2021 – FF Justin Olney

Firefighter of the Year, 2021 – FF Benjamin Thomas

Officer of the Year, 2021 – Deputy Chief Chuck DeSmith

Civilian of the Year, 2021 – Facilities Manager Scott Murphy

Top Engine Company, 2021 – E313/D-Shift: Lt. Mike Bain, Eng. Carl Pedersen & FF Sean Leahy

Top Ladder Company, 2021 – Cpt. Jim Ochs, Eng. Chris Ellis, FF Ben Thomas & FF Brian Lane

Top Aid Unit, 2021 – FF Nguyen Le & FF Brandon Caldwell

2. Retirements and Promotions

Effective April 1, Lt. Andy DeLeuw retired after 32 years of service and Eng. Jeff Richards retired after 36 years of service. To fill their vacancies, Jonathan Sarreal was promoted to full-time Lieutenant, and we conducted "Rule of Three" interviews on March 22 to promote Firefighter Kelly Carpenter to Engineer. Both promotions are effective April 1.

3. Congratulations are in Order

Job well done to Firefighters Victoria Berg, David Braun and Anthony Parker who passed their 3A JATC test. They only have one more to go to achieve Journeyman status. In addition, Firefighter Daniel Yun successfully completed his 2B step and Firefighters Sean Hartman and Brandon Ross completed their 2A step.

4. Northeastern University First Responders Mental Health Focus Group Event

On March 12, I participated in an event sponsored by Northeastern University focused on mental health issues faced by first responders and training/education needs they have. The intent of this group is to identify the public mental health issues and situations first responders confront in the performance of their duties; and develop training programs to address gaps in current training for these issues.

5. RRFA/KCFD 40 Contract Negotiation Update

Negotiations with KCFD #40 continue to move forward in a positive manner. The latest negotiation session was used to identify and clarify performance metrics and to ensure the formula used for calculating annual costs for service is accurate, including areas that have been annexed by the City of Renton. We have three more meetings scheduled at this point.

6. Recruit Update

On March 29, AC Gunsolus and I met with the Academy Cadre to discuss documented issues with one of our recruits. After meeting with the training officers and meeting with the recruit, I made the decision to separate the recruit from the RFA.

7. Governance Board Notification

Per our procurement process and policy, I am notifying the Board of the following purchase:

Holmatro Cordless Extrication Set – \$38,462.60

Life Scan Physical Additional Testing – \$34,956.00

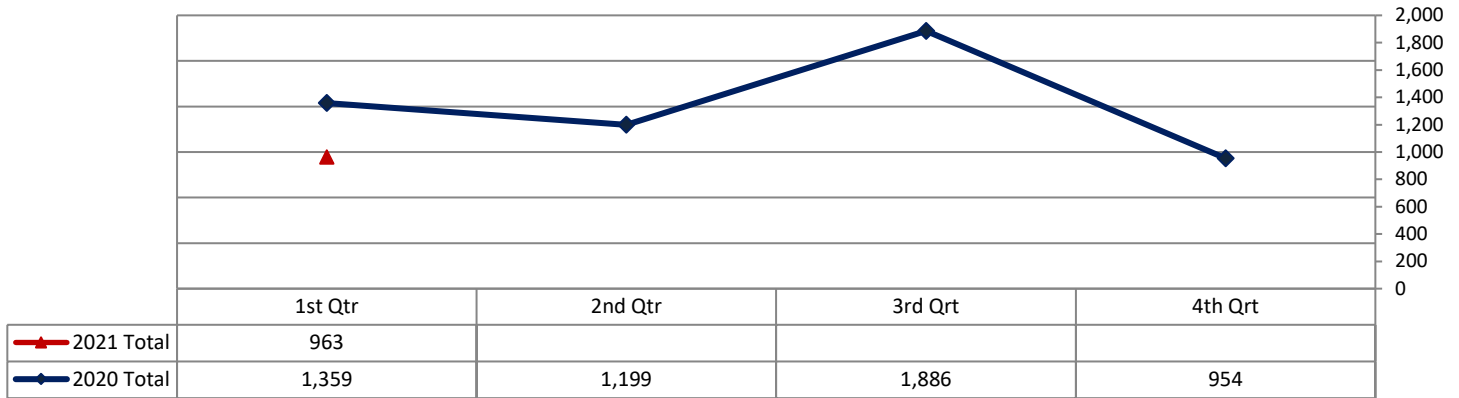
- Advance Cancer Markers
- Hep B
- QuantiFERON (TB Test)
- HazMat extra blood work (HM Team only)
- HazMat chest x-ray (HM Team only)

Office of the Fire Marshal 2021 Quarterly Report

Inspections

Staff have completed 963 inspections (business, multi-family, IFC permit, special, complaint & re-inspections) in 2021.

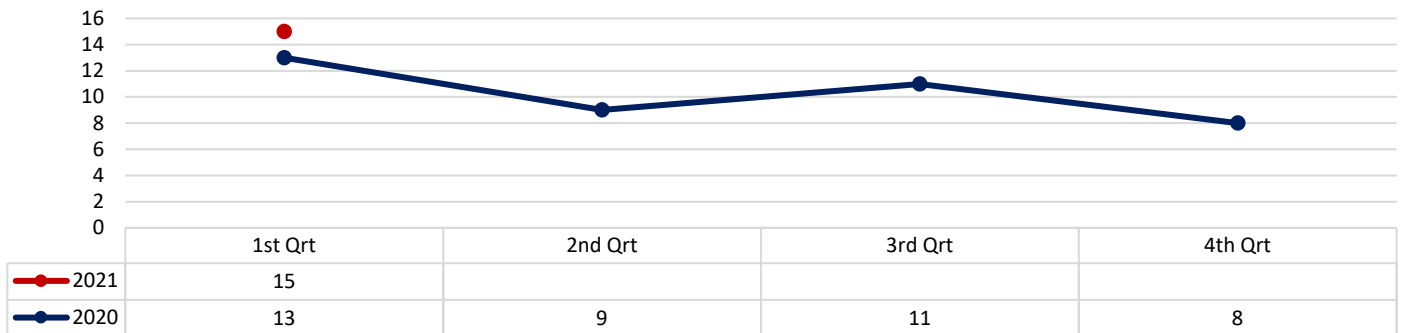
Inspections Completed by Quarter - Comparative to 2020



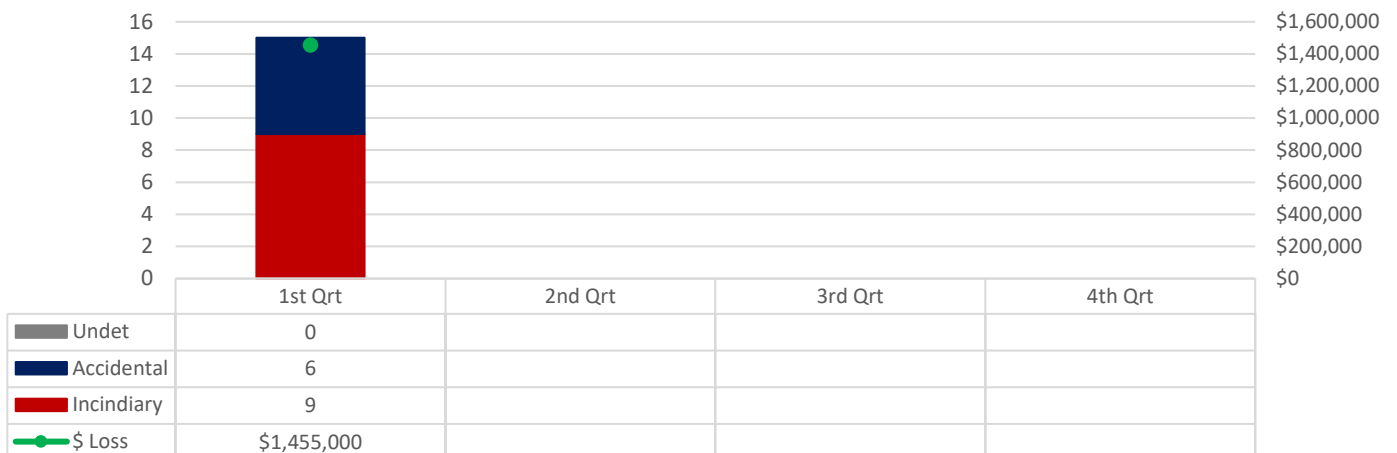
Fire Investigations

Staff have investigated 15 fires in 2021. Dollar loss estimated at \$1.4 million.

Fire Investigations by Quarter - Comparative to 2020



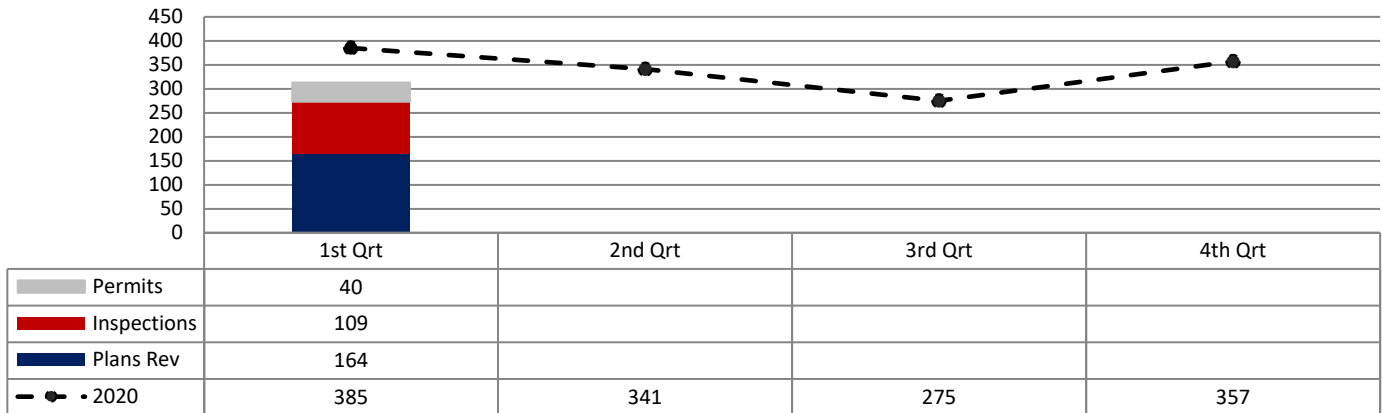
Fires by Type & Dollar Loss



Plans Review, Construction Inspections & Permits

Staff completed 101 plans reviews, 72 construction inspections, and issued 22 fire systems and/or fire construction permits.

Plans Review, Construction Inspections & Permits by Quarter - Comparative to 2020



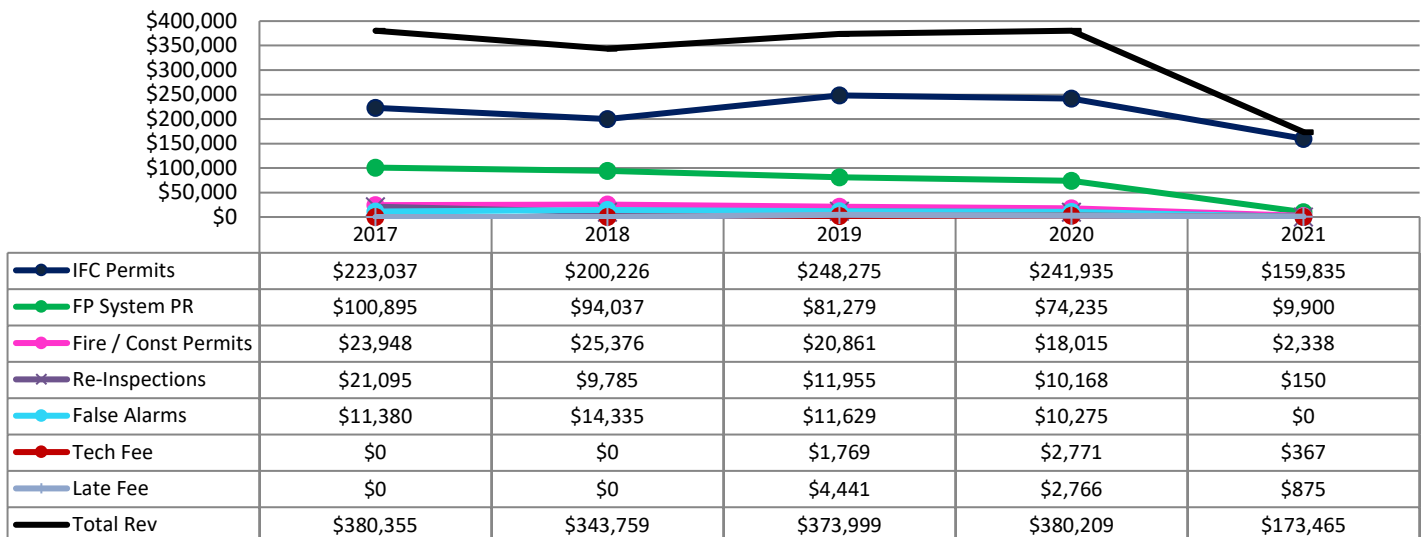
Public Education / Community Outreach Highlights

- Safety tips provided to 30 Renton Homeowners Association groups, with BCs attending two meetings via Zoom.
- Distributed home safety tips to the Senior Center for distribution to their participants through our continued partnership with the City of Renton.
- Completed filming 3 videos with Renton PD in preparation of our annual Scout Night event scheduled for May – the event will be virtual this year. Our videos feature messaging from the Renton RFA and PD Chiefs and our mascot Sparky the Fire Dog. Messaging is focused on Home Escape Planning, and 9-1-1.

Revenue

\$173,465 has been collected to date in fees in 2021. (Reflects revenue through February 2021)

OFM Revenue by Year (2017-Present)





Regional Fire Marshals Food Truck Inspection Checklist

This document is a regional fire inspection checklist for mobile food preparation vehicles with the intent of providing a standardized inspection that multiple fire jurisdictions recognize. You can find a list of all of the jurisdictions that are participate in this program at the back of this packet. This program does not omit local jurisdictions requirements and permitting processes. All mobile food preparation vehicle operators are required to contact each jurisdiction prior to operating within that jurisdiction. If you are completing your inspection in Renton, please submit this completed form, along with payment of \$100 at the time of your scheduled inspection. Your permit will be valid for one year, unless revoked.

IF YOU HAVE ALREADY COMPLETED AN INSPECTION WITH ANOTHER JURISDICTION LISTED AT THE END OF THIS PACKET, YOU DO NOT NEED TO COMPLETE THIS FORM. PROVIDE A COPY OF YOUR COMPLETED INSPECTION TO RENTON RFA, ALONG WITH PAYMENT OF \$50 TO RECEIVE YOUR PERMIT THAT WILL BE VALID FOR ONE YEAR, UNLESS REVOKED.

RENTON SPECIFIC REQUIREMENTS: FOOD TRUCKS SHALL NOT BE LOCATED WITHIN 10 FEET OF BUILDINGS, TENTS, CONOPIES OR MEMBRANE STRUCTURES OR WITHIN 10 FEET OF ANY OTHER FOOD TRUCK. EXCEPTION: 1. WHEN POSITIONED ON STREETS, DISTANCE MAY BE REDUCED TO 5 FEET. 2. WHEN LOCATED ON PRIVATE PROPERTY, THE DISTANCE FROM BUILDINGS MAY BE REDUCED TO 5 FEET IF THE BUILDING IS OF NON-COMBUSTIBLE CONSTRUCTION WITHOUT ANY OPENINGS SUCH AS WINDOWS OR DOORS.

Name of Mobile Food Vehicle: _____

Mailing Address: _____

Contact Person: _____

Phone Number: _____ **Email:** _____

L&I Number (VEN): _____ **License Plate#:** _____

Date Inspected: _____ **Fire Agency:** _____

Inspector Signature: _____

Summary of Inspection - Regional

☐ Approved – No Violations

☐ Approved to operate – violations noted below must be corrected

☐ Not approved to operate

Regional Inspection Checklist

Documentation

- | | PASS | FAIL | N/A |
|--|--------------------------|--------------------------|--------------------------|
| 1. Washington State L&I Approval Sticker | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Fire Department Permit | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Cooking System Type-1 Hood *(If produces grease laden vapors)*

- | | PASS | FAIL | N/A |
|---|--------------------------|--------------------------|--------------------------|
| 1. Cooking suppression system is UL300 listed, serviced, and cleaned. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| • Date of last service:
<i>(Semiannually)</i> _____ | | | |
| • Date of last cleaning: _____ | | | |
| 2. Manual Pull Station accessible and unobstructed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Cooking Oil Storage

- | | PASS | FAIL | N/A |
|---|--------------------------|--------------------------|--------------------------|
| 1. Aggregate volume less than 120 gallons. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Storage tanks stored in such a way as to not be toppled or damaged during transport. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

LP-Gas Systems

- | | PASS | FAIL | N/A |
|--|--------------------------|--------------------------|--------------------------|
| 1. LP tanks located on the outside of the vehicle or in a vapor tight cabinet vented to the outside. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. LP tanks located on back of vehicle are provided with adequate impact protection provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Maximum LP tank size less than 200 pounds. (4.23 lb = 1 gal) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| • Number of tanks: _____ | | | |
| • Size of tanks: _____ | | | |
| • Date last inspected:
<i>(Annually)</i> _____ | | | |
| • Date of last hydro: _____ | | | |
| 4. LP tanks securely mounted, and piping protected. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. LP gas alarm installed, operational and tested. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| • Last test date: _____ | | | |
| 6. LP shut off valves installed and accessible. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. LP tanks used or stored outside of the vehicle shall be secured with a non-combustible strap or chain in an upright position and protected from impact. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

CNG Systems

- | | PASS | FAIL | N/A |
|--|--------------------------|--------------------------|--------------------------|
| 1. All CNG containers are NGV-2 cylinders with a maximum size less than 1300 pounds. (1 ft ³ = 8 lbs) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| • Number of tanks: _____ | | | |
| • Size of tanks: _____ | | | |
| • Tank expiration date(s): _____ | | | |
| • Date last inspected: _____ | | | |

(Every 3 years)

- Date of last hydro: _____

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| 2. Tanks securely mounted, and piping protected. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Methane gas alarm installed, operational and tested. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| • Last tested date: _____ | | | |

Portable Fire Extinguishers

PASS FAIL N/A

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| 1. Class K Extinguisher installed along egress path (<i>If using deep fat fryer or solid fuels</i>).
• Date last Serviced
(Annually) _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Fire protection system use placard installed near Class K Extinguisher. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. 2A:10B:C portable extinguisher shall be provided along egress path. If LP-gas is used the portable extinguisher shall be a 2A:40B:C.
• Date last serviced
(Annually) _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Electrical

PASS FAIL N/A

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| 1. Extension cords protected from damage. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. No open electrical junction boxes or wiring. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Generators

PASS FAIL N/A

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| 1. Generators located a minimum of 10 feet from combustibles. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Refueling of internal combustion engines shall not be allowed during cooking operations and only when the electric generators and internal combustion power sources are not in use. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Additional Checklist Information and guidance

Documentation

Washington State L&I insignia or approval on vehicle or appliance

Obtain Labor and Industries inspection and seal of approval prior to final inspection with Snohomish Health District (black label affixed to the outside of the vehicle.) All occupied vehicles (commercial coaches, trucks, trailers) must obtain approval from Washington State Department of Labor and Industries. Labor and Industries regulations govern the safety of design and the installation of plumbing, heating and electrical equipment. Contact the Labor and Industries Plans Examiner at (360) 902-5222 for more information.



Labor and Industries does not determine the number or type of equipment you must install for food establishment approval. Please call (425) 339-5250 for a consultation with Snohomish Health District to determine your specific equipment needs.

Cooking System Type-1 Hood

(If produces grease laden vapors)

Type-1 Hood inspection shall include but not limited to verifying the following:

- The system is a UL300 system.
- The system has been serviced within the last six months or after activation.
- Fusible links are replaced annually.
- Grease filters are UL 1046.
- Grease filters are arranged so that all exhaust air passes through them.
- Grease filters are installed at an angle not less than 45 degrees from the horizontal and orientation to drain grease.
- Drip Trays and/or containers are present and installed correctly.
- Manual Actuator located in an accessible, unobstructed location in a path of egress.
- Manual Actuator is installed between 48 to 42 inches above the floor.
- System Annunciation indicator (audible or visual) is provided to show that the system has been activated.
- Exhaust, including hood, grease-removal devices, fans, ducts and other appurtenances, shall be inspected, cleaned and tagged by a qualified individual in accordance with IFC 607.3.

TYPE OF COOKING OPERATIONS	FREQUENCY OF INSPECTION (Cleaning)
High-volume cooking operations such as 24-hour cooking, charbroiling or wok cooking.	3 months
Low-volume cooking operations such as places of religious worship, seasonal businesses and senior centers.	12 months
Cooking operations utilizing solid fuel-burning cooking appliances.	1 month
All other cooking operations.	6 months

Cooking Appliances

Tethering Devices - Gas cooking equipment shall be provided with an approved tethering device. When casters are used, an approved heavy-duty, quick-disconnect, flexible gas lines must also be provided.

Equipment Spacing - Ensure that appliances spacing shall comply with the following:

- Cooking equipment must be spaced at least 6 inches apart from other cooking equipment.
- Cooking equipment must be spaced at least 6 inches from walls.
- The hood must overhang or extend a horizontal distance not less than 6-inches beyond the outer edges of the cooking surfaces.

Deep-fat fryers – installed with at least a 16-in space between the fryer and surface flames or adjacent cooking equipment. Exception: Where a steel or tempered glass baffle plate is installed at a minimum 8-inches in height between the fryer and surface flames of the adjacent appliance.

Movement of appliances – To minimize possible damage and impaired operation due to items shifting in transit, cooking appliances shall be constructed and secured in place or otherwise protected.

Cooking equipment cleaning – Cooking equipment that collects grease below the surface, behind the equipment, or in cooking equipment flue gas exhaust, such as griddles or char-broilers, shall be cleaned and maintained as per manufacturer's instructions.

LP-Gas Systems

System location – LP-Gas supply systems, including the containers, shall be installed either on the outside of the vehicle or in a recess or cabinet that is vapor tight to the inside of the vehicle but accessible from and vented to the outside, with the vents located near the top and bottom of the enclosure and 3 feet horizontally away from any opening into the vehicle and below the level of the vents.

Protection of containers – LP-gas containers installed or stored in or on the vehicle shall be:

- Securely mounted and restrained to prevent movement.
- LP tanks if located on back of vehicle, adequate impact protection provided.
- Stored in an approved manner in an upright position.
- Protected from weather.
- Have a cap or collar to protect against physical damage regardless of whether they are full, partially full, or empty, and cylinder outlet valves shall be closed.

Protection of system piping – LP-gas system piping, including valves and fittings, shall be adequately protected to prevent tampering, impact and damage, and damage from vibration.

Tanks within hydro – All tanks shall be within hydro dates. Dates can be verified on new cylinders by checking for a manufacturer's 4-digit month/year stamped on the collar. Cylinders that have previously been recertified will have an aftermarket 6 or 8 alphanumeric stamp that will read like the following example: 02X07E or 07ABC07E.

Inspected for damage – Damage can threaten the integrity of the tanks.

LP-gas alarm – A listed LP-gas alarm shall be installed within the vehicle in the vicinity of LP-gas system components, in accordance with the manufacturer's instructions.

Shutoff valves – There shall be a minimum of two shutoff valves:

- Main shutoff valve on the LP-Gas containers for liquid and vapor shall be readily accessible.
- Emergency shutoff valve shall be a quarter-turn manual gas ball valve installed within the LP-Gas piping installed on the exterior of the vehicle and readily accessible.

Caution plate - A permanent caution plate shall be provided, affixed to either the appliance or the vehicle outside of any enclosure and adjacent to the container(s), and shall include the following items:



CAUTION

- (1) Be sure all appliance valves are closed before opening container valve.
- (2) Connections at the appliances, regulators, and containers shall be checked periodically for leaks with soapy water or its equivalent.
- (3) Never use a match or flame to check for leaks.
- (4) Container valves shall be closed when equipment is not in use.

CNG Systems

Inspected for damage – Damage or exposure to certain chemicals can threaten the integrity of CNG tanks.

Protection of system piping – CNG system piping, including valves and fittings, shall be adequately protected to prevent tampering, impact damage and damage from vibration.

Methane alarms – A listed methane gas alarm shall be installed within the vehicle in accordance with manufacturer's instructions.

Diamond-shaped label - CNG vehicles shall be identified with a permanent, diamond-shaped label complying with the following:

- Minimum of 4.72 in. long × 3.27 in. high
- Marking in the label shall consist of a border and the letters "CNG" as appropriate 1 in. minimum height centered in the diamond of silver or white reflective luminous material on a blue background.
- Placed on an exterior vertical surface on the lower right rear of the vehicle. (not on the bumper)

Train Your Food Truck Staff on These Fire Safety Basics:

- **Know where the fire extinguisher is and how to use it.** You may find the acronym PASS helpful – pull out the pin, aim at the base, squeeze, and make a back and forth sweeping motion.
- **Clean up grease.** Cleaning exhaust hoods is especially important since grease build-up can restrict air flow. Be sure to clean to also clean walls and work surfaces; ranges, fryers, broilers, grills, and convection ovens; vent and filters.
- **Never throw water on a grease fire.**
Water tossed into grease will cause grease to splatter, spread, and likely erupt into a larger fire.
- **Remove ashes** from charcoal and wood burning ovens at least daily.
- **Store flammable liquids properly.** Keep them in their original containers or puncture-resistant, tightly sealed containers. Store in well ventilated areas away from combustible supplies, food, food-preparation areas of any source of flames.



Have an Emergency Plan:

If a fire breaks out in your mobile food facility, your staff must take control of the situation and all employees must exit the vehicle to a point safely away from the vehicle.

- **Power down.** Train staff how to shut off propane and electrical power in case of emergency.
- **Call 911.** Ensure everyone exits the vehicle and call 911. Ensure you advise your customers to evacuate away from the vehicle.

ATTENTION.

Are you aware that your compressed gas cylinders must be inspected?

Cylinders are required to be requalified, or replaced every 5-12 years depending on the cylinder type, condition, and previous requalification method (Ref. 49 CFR §§ 180.205(d) and 180.209).

The original manufacture/test date and any requalification/retest dates must be presented in a specific manner. Cylinders that are overdue for requalification must not be refilled.

If propane tanks are manufactured to ASTM Standards and built into the truck's body making it difficult to remove, then these tanks are exempt from the DOT reinspection requirements.

For more information, contact the Hazmat Info-Center: 1-800-467-4922.



RIN number identifying retester/requalifier

7 A1 14
32

Month last requalified Year last requalified

Requalification Date

Original Manufacture/ Test Date

If no requalification markings are found, the cylinder must be requalified within 12 years of the original manufacture date. (Must be requalified by 5/2017 in this example)

Volumetric Test.

Basic Marking. Must be requalified within 12 years of stamped date (Must be requalified by 7/2026 in this example)

Proof Pressure Test.

"S" indicates cylinder must be requalified within 7 years of stamped date (Must be requalified by 7/2021 in this example)

External Visual Test.

"E" indicates cylinder must be requalified within 5 years of stamped date (Must be requalified by 7/2019 in this example)



U.S. Department
of Transportation
Pipeline and
Hazardous Materials
Safety Administration

If cylinder is out of test find an approved requalifier to requalify your cylinder. A list of DOT approved requalifiers is available from the PHMSA website:
<https://portal.phmsa.dot.gov/rinlocator>

Participating Fire Agencies (Alphabetical Order)

Bellevue Fire

Bothell Fire

Eastside Fire

Everett Fire

KCFD #2 / Burien Fire

Mercer Island

Puget Sound Regional Fire (Kent, Covington, Maple Valley, SeaTac)

Renton Regional Fire

Seattle Fire

Shoreline Fire

South King Fire

Tukwila Fire

Unincorporated King County / King County Fire Marshal's Office

Valley Regional Fire

Woodinville Fire & Rescue

RECEIVED
APR 05 2021

March 25th, 2021

BY: *KA*

Dear Renton Regional Fire Authority Station 13,

My name is Kassia Bulanov, I am a sophomore at Auburn Mountainview High School. I just want to start off by saying thank you all so much for your service. About half a month ago my leadership teacher introduced our class to a new project. I thought to myself "another one?!". Our goal for this project was to do something for either the School, Auburn/Kent or World Community. I sat there thinking to myself "what am I going to do?, How am I going to do this?, I don't even want to do this!", And was thinking of any possible excuse of why I should not attempt this assignment. But as she began to talk more in depth about this project I realized just how much of a good deed I can do. I thought to myself again; "Well I do live near a fire department and a police station, maybe I should do something with that." Then I really began to think about how challenging it would be to pursue the career of a firefighter, I for one know that I wouldn't be able to do it. It requires an immense amount of stress and effort to do what you all do. You are all so incredibly strong and hardworking. Thank you all so much for sacrificing your time, and energy to help those who were having a hard time and even those who were experiencing the worst day of their lives. You all not only put yourselves physically but also your health at risk to provide for the city during this global pandemic. I want you all to know that your work will never be forgotten, but will rather always be appreciated! You are all heroes. Praying for our first responders <3

Sincerely,

Kassia Bulanov.

Thank you



Governing Board Agenda Item

SUBJECT/TITLE: Employment Contracts

STAFF CONTACT: CAO Babich

SUMMARY STATEMENT:

The step tables in the employment contracts for the E-Team need adjustment for longevity pay. Renton RFA would also like to take this opportunity to update language in the contracts pertaining to holiday and sick leave.

FISCAL IMPACT:

Expenditure Approx. \$18,000 Revenue _____

Currently in the Budget Yes ☒ No ☐

SUMMARY OF ACTION:

Changes include the following:

Compensation. Salary increases and new service credit language.

Term. Updated effective date of April 16, 2021 and end date of December 31, 2023.

Addendum A. Holiday Leave. Remove option to deposit remaining holiday hours into VEBA HRA account.

Addendum A. Sick Leave. Remove reference to Local 864 BC contract for sick leave cash out. Cash out at a rate of 1/2 the regular rate of pay for each hour accrued/unused.

Reviewed by Legal Yes ☐ No ☒

EXHIBITS:

Red-lined employment contracts for the Assistant Fire Chief, Chief Administration Officer, Fire Marshal, Deputy Chief of Support Services and Deputy Chief of EMS/Health & Safety.

RFA GOVERNANCE BOARD RECOMMENDED ACTION:

I move to approve the changes to the employment contracts as presented.



Governing Board Agenda Item

SUBJECT/TITLE: Purchase of New Aid Units

STAFF CONTACT: DC Seaver

SUMMARY STATEMENT:

As part of our Capital Fleet Replacement Plan, we're due to replace two of our aid units. The new aid units are in line with the Zone 3 Spec. KCFD #40 is purchasing a matching aid unit at the same time, which gives us the benefit of a multi-unit discount of \$3,000 per unit. KCFD #20 (Skyway) is also purchasing an aid unit with our order. Cost includes new safety features specific to Horton and also travel to the factory for acceptance.

FISCAL IMPACT:

Expenditure \$576,740

Revenue _____

Currently in the Budget Yes ☒ No ☐

SUMMARY OF ACTION:

These are replacement vehicles, so equipment such as computers, monitors, modems, and mounting brackets will be reused.

Reviewed by Legal Yes ☐ No ☒

EXHIBITS:

- 1) Cost Recap
- 2) Spec Diagram
- 3) Detailed Spec

RFA GOVERNANCE BOARD RECOMMENDED ACTION:

I move that the Board approve the purchase of two new aid units in 2021 and authorize the Fire Chief to sign.

PSS / PROFESSIONAL SALES & SERVICE, L.C.

March 26,2021

Renton Regional Fire Authority
18006 108th Ave SE
Renton, WA 98055
Brice Callaway

Good Day:

Professional Sales and Service, LC respectfully provides the Renton Regional Fire Authority the following quote for a new ambulance vehicle. We appreciate the opportunity to work with you.

The following proposal reflects new Type 1 4x4 ambulances equipped with options and features, configured the specifications provided by the Renton Regional Fire Authority.

Two (2) 2020 Horton 457 Type 1 4WD Custom Ambulances

The module body will be 157" long, 96" wide, and have an interior height of 72" inches. It will be mounted on 2022 Ford F450 4x4's, dual rear wheel cab chassis with a GVWR of 16,500 lbs. and gasoline engines. This proposal includes Horton's Intelliplex i4G electrical system - The most advanced electrical system available which incorporates solid-state electronics with Multiplexing technology. It also includes weight saving all-aluminum module body, NO-wood construction, aluminum cabinetry, electrical system diagnostic testing, digital computer consoles, LED lighting package, Horton's exclusive HOPS safety systems, and much more.

<u>Ambulance Price Per Unit*</u>	<u>\$264,201.00</u>
<u>Shipping</u>	<u>Included</u>
<u>Multiple Unit Discount, per unit</u>	<u>(\$3,000.00)</u>
<u>Final Price</u>	<u>\$261,201.00</u>
<u>Washington State Sales Tax Location code 1725 10.4%</u>	<u>\$27,168.26</u>
<u>Total Delivered Price**per unit</u>	<u>\$288,369.26</u>

* Includes Ford GPC discount and final inspection cost.

** Pricing based on HGAC contract number AM10-20; fee included.

PROPOSAL CONDITIONS

- F.O.B. POINT:** Renton, Washington
- DELIVERY:** Vehicle will be delivered approximately 300 days after receipt of purchase order, barring any delays due to strikes, availability of component parts (including chassis), or Acts of God.
- SERVICE:** Professional Sales & Service has been selling and servicing ambulances since 1975. We have factory trained technicians and a large inventory of parts so you know that in the unlikely event of a problem we are only a phone call away. Professional Sales & Service understands that local service and repair availability is of the utmost importance to the Department. Please be reassured that nearly every possible repair can be accomplished locally. This allows PSS to get your ambulances back in to service as quickly as possible.
- WARRANTY:** Horton Emergency Vehicles feature one of the most progressive, no-nonsense warranties around. Horton does not pro rate their warranties so there are no surprises should ever need it. Warranty documents are available per your request.
- PAYMENT TERMS:** Payment due upon delivery and acceptance of vehicle by the Renton Regional Fire Authority.

Please let us know if you have any questions regarding this proposal. We are happy to assist you in any way that we can.

Respectfully Submitted,

Professional Sales & Service, LC

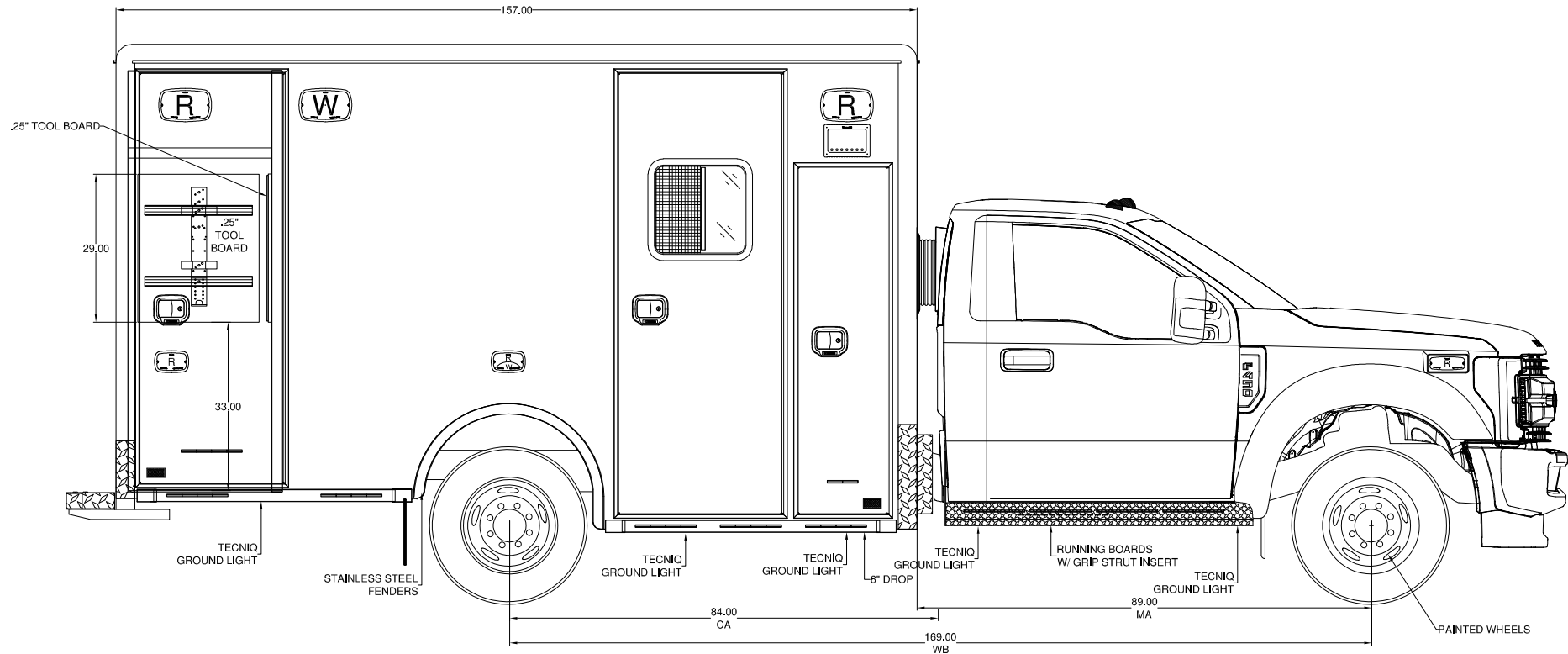
Bob Lemieux

Please let us know if you have any questions regarding this Proposal. We are happy to assist you in any way that we can.

Renton Regional Fire Authority is in agreement with the above terms.

Authorized signature _____ Date _____

457 PASS THROUGH FORD CHASSIS

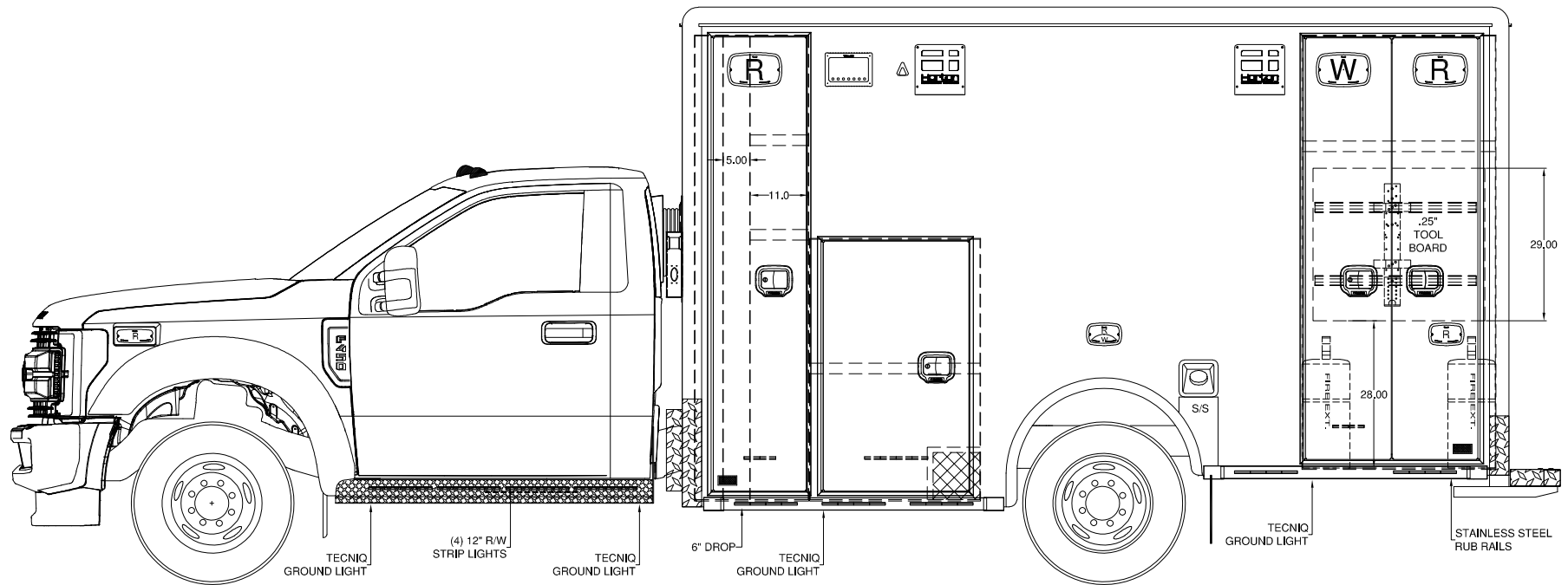


COMPT	INSIDE WIDTH	INSIDE HEIGHT	INSIDE DEPTH	CLEAR OPENING WIDTH	CLEAR OPENING HEIGHT
CS REAR	30.03	82.13	20.36	27.16	79.16
CS FWD				16.50	66.79

NOTE: DRAWINGS ARE FOR GRAPHICAL REPRESENTATION ONLY
DIMENSIONS ARE APPROXIMATE & MAY VARY DURING CONSTRUCTION

PROPOSAL DRAWING

457 PASS THROUGH FORD CHASSIS

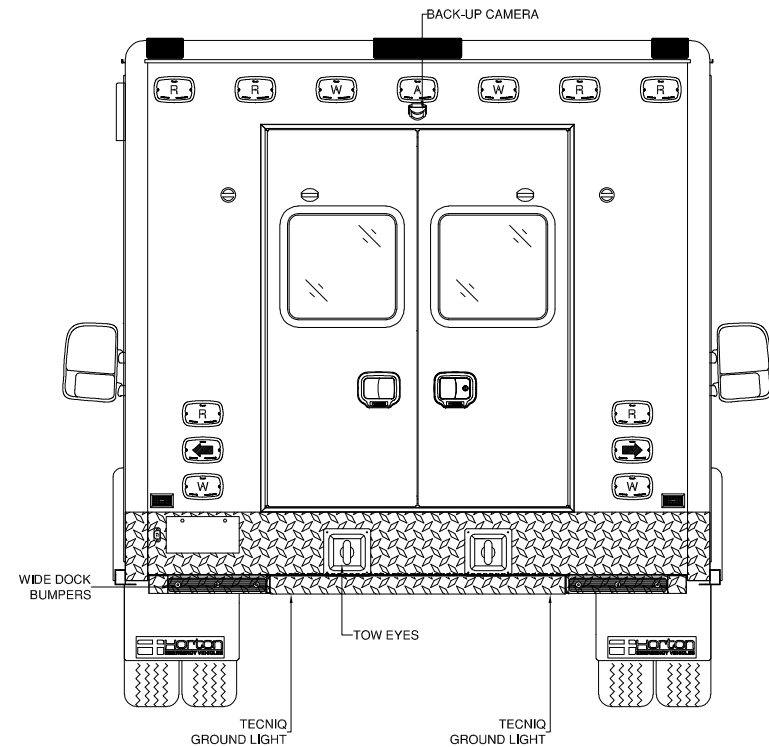
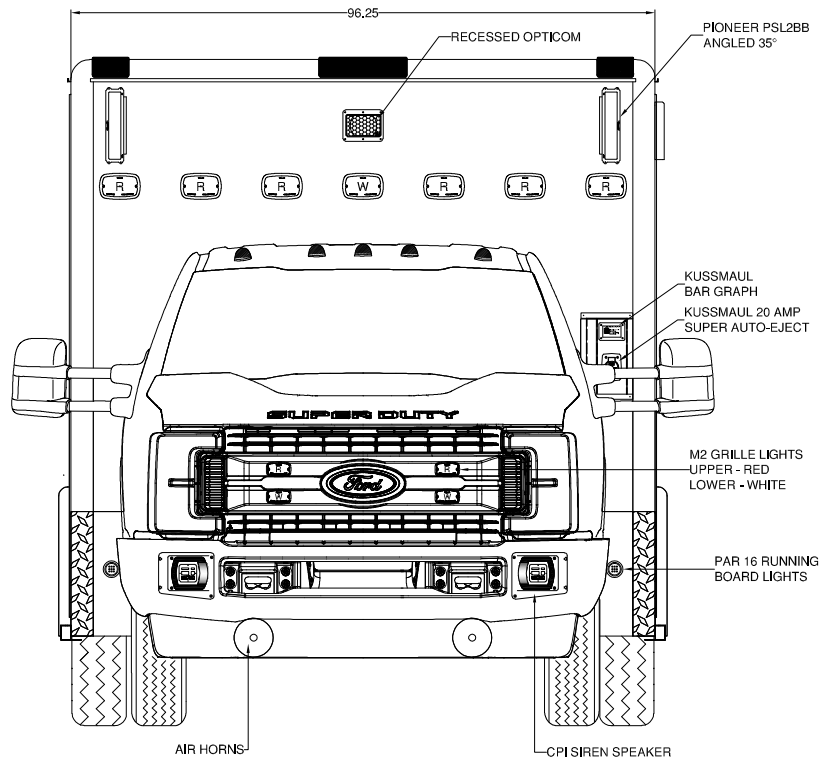


COMP.	INSIDE WIDTH	INSIDE HEIGHT	INSIDE DEPTH	CLEAR OPENING WIDTH	CLEAR OPENING HEIGHT
SS FWD	21.50	88.13	20.36	16.76	85.17
SS INT	32.25	49.51	20.36	26.75	46.37
SS REAR	36.62	82.13	20.36	32.01	79.00

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PROPOSAL DRAWING

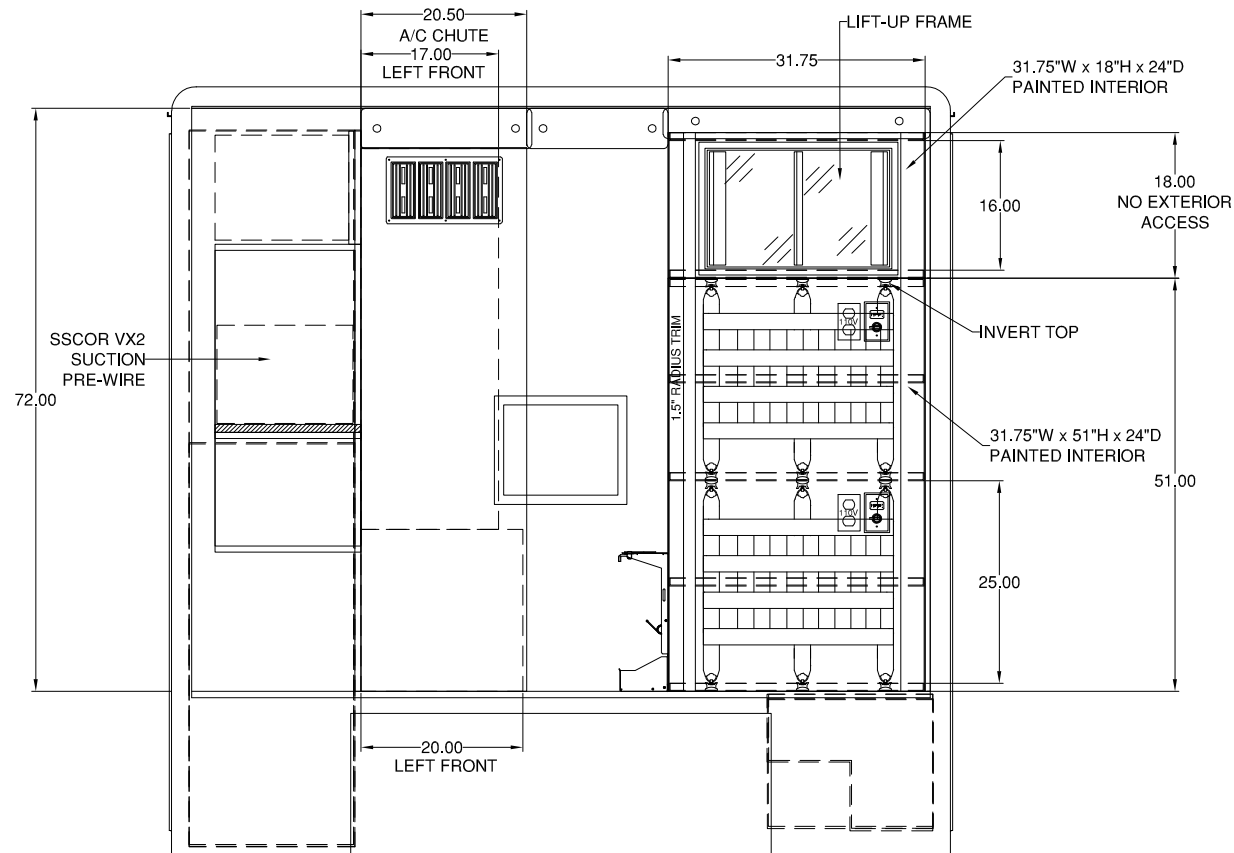
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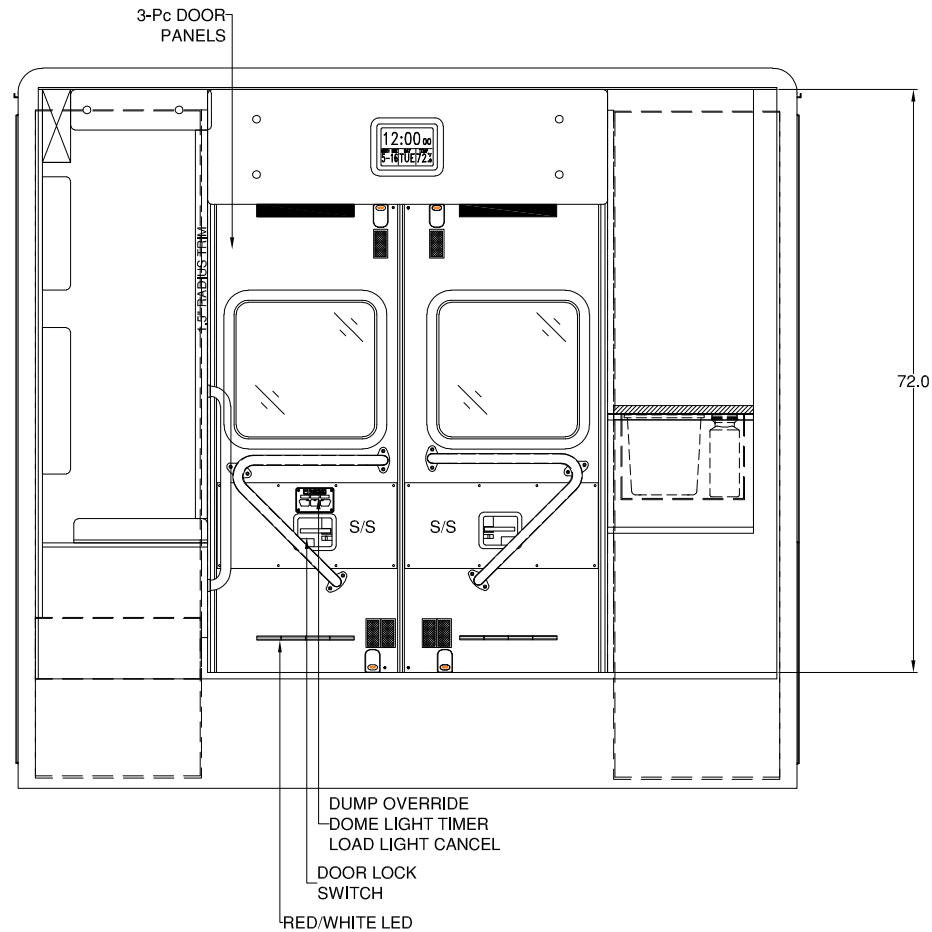
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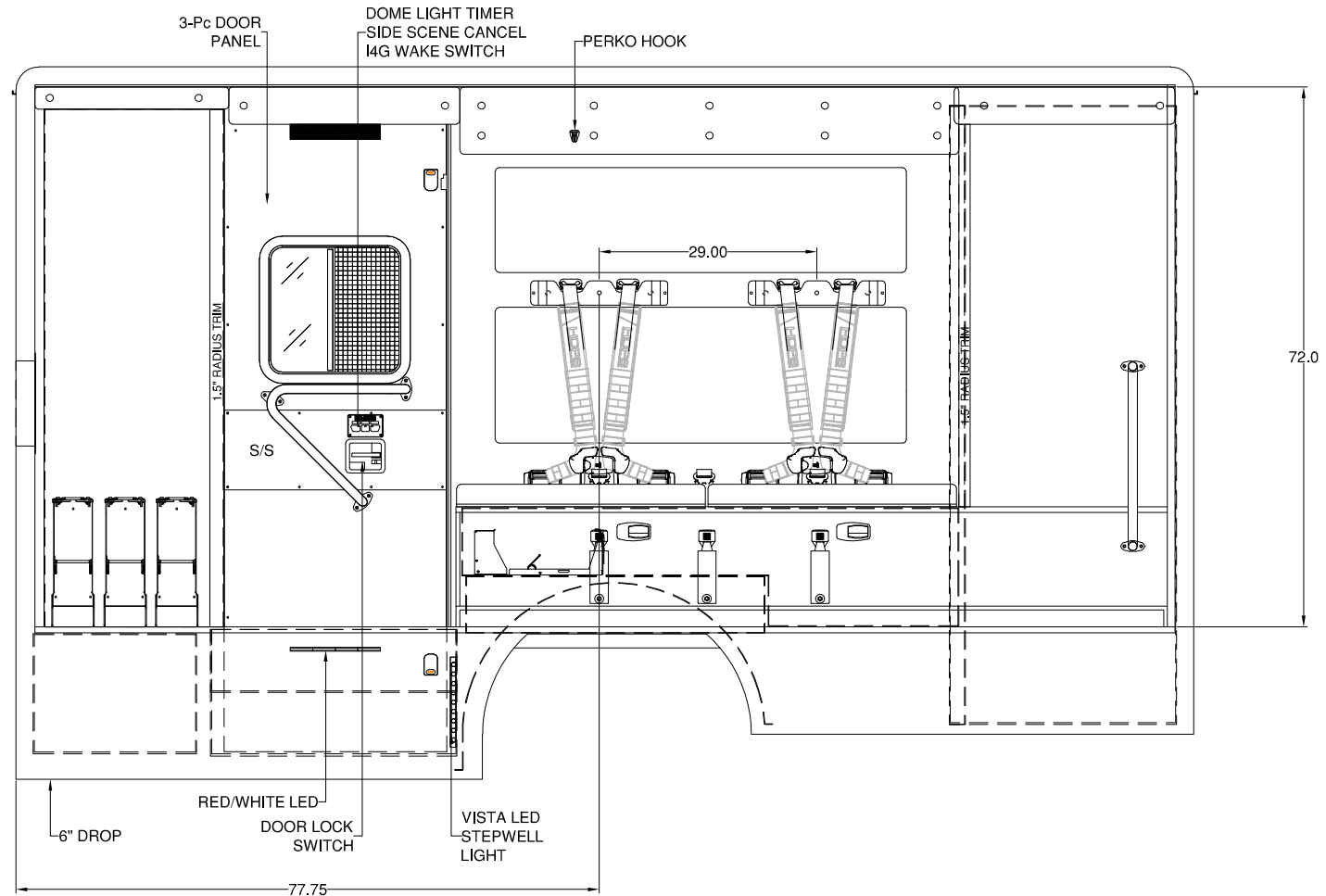
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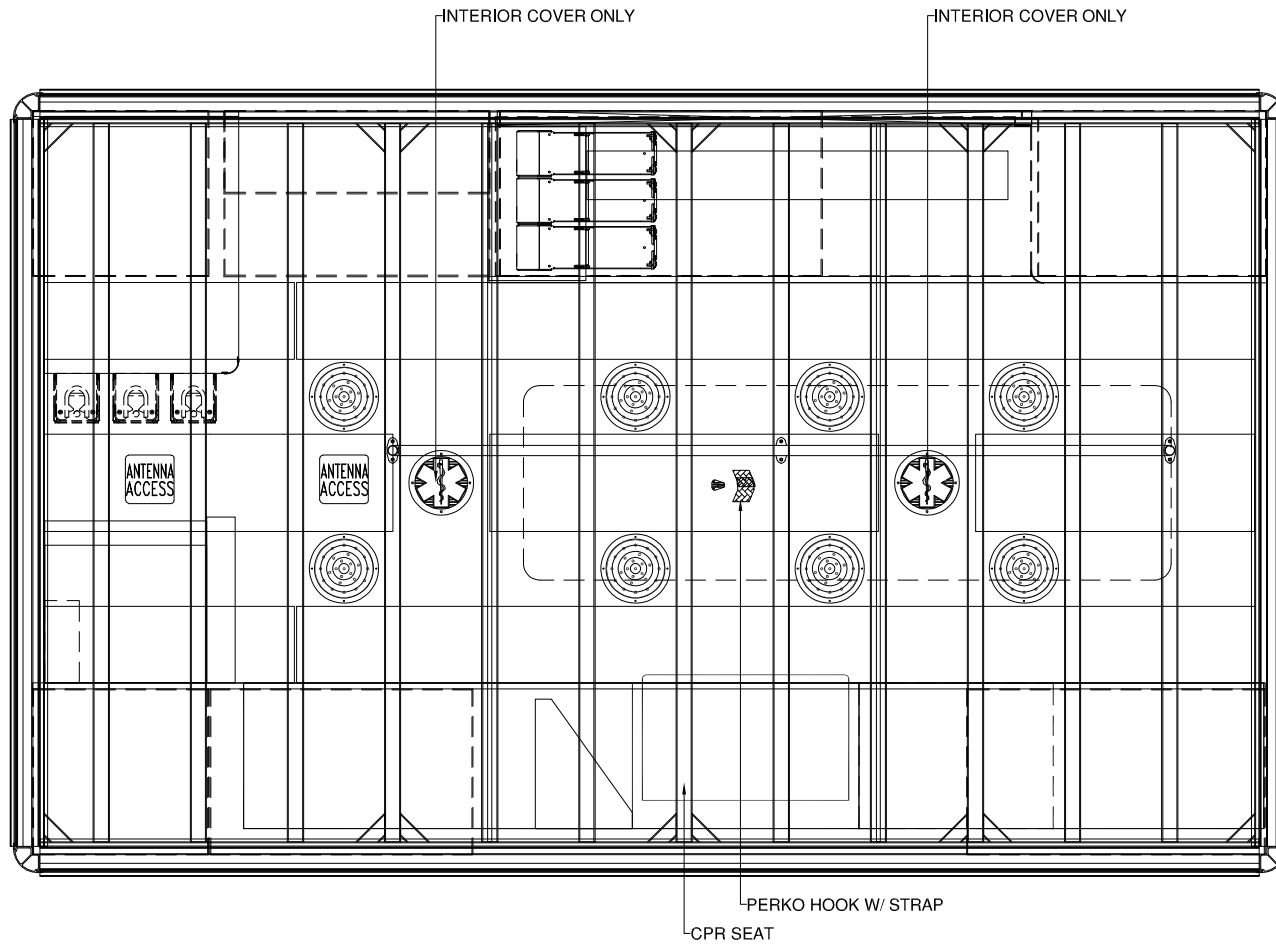
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PROPOSAL DRAWING

457 PASS THROUGH FORD CHASSIS



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DURING CONSTRUCTION

PROPOSAL DRAWING

March 14, 2021



PRELIMINARY BUILD SPECIFICATION

Quote # QUO0000006225

Production #

Document Rev. #

Status: Draft

Prepared For:

Brice Callaway
Renton Regional Fire Authority
18006 108th Ave. SE
Renton,
WA
98055
Phone:

Presented By:

Bob Lemieux
Professional Sales and Service
1720 W. Indiana Ave.
Salt Lake City, UT
84104
Phone: (801) 977-3961

Option	QTY	Description
CHASSIS		
1000-0002	1	AMBULANCE SPECIFICATIONS
1000-0917	1	CHASSIS, 2022 FORD F-450 4X4, 169, GAS The chassis required to complete the ambulance conversion shall be supplied by Horton. SPECS AND PRICING ARE PENDING/ESTIMATED. Supply 2 additional key fobs for a total of 4. Recover cab cloth seats with Patriot Plus Charcoal #8605 vinyl.
1000-0068	1	CHASSIS ORDER SPECIAL COLOR Vermillion Red The chassis is to be ordered special color from chassis OEM.
1000-0072	1	CHASSIS ORDERED WITH ALUMINUM WHEELS The specified chassis is to be ordered to include OEM aluminum wheels to include OEM hub and lug nut covers.
1000-0451	1	PASS THROUGH CAB/MODULE, F SERIES Install a pass-through opening between the cab and module. Pass-through to include a bellows connection.
1000-0083	1	STANDARD CAB HEIGHT The specified chassis will have the standard cab height.
1000-0346	1	MUD FLAPS, REAR, LARGE W/LOGO Install individual rear mud flaps behind each set of rear wheels. Mud flaps to include Horton logo.
1000-0088	1	REAR DOCK BUMPERS, WIDE Install two (2) wide style black rubber standard sized dock bumpers. Locate one on either side of the rear step on the end caps.

Spec Writer:

Spec Designer:

Option	QTY	Description
1000-0090	1	REINFORCE REAR BUMPER END CAPS Reinforce end caps of rear bumper for greater impact resistance.
1000-0210	1	RUNNING BOARDS: EMB.W/GRIP STRUT. F SERIES Install heavy duty embossed aluminum diamond plate running boards and splash shields. Install grip strut inserts for enhanced drain and foot grip. Add to blackout package.
1000-0106	1	TOW EYES, RECESSED IN REAR RISER Install one (1) pair of chrome tow eyes recessed into Cast Products recessed housings. Attach tow eyes to the chassis frame rails. Add to blackout package.
1000-0242	1	EMBOSSSED BUMPER W/3" SET BACK STEP, F SERIES Install an embossed diamond plate rear step/bumper with 3" recessed center section. Center section is to be fixed. Add to blackout package.
1000-0144	1	LIQUID SPRING SUSPENSION, F 450 Install a Liquid Spring hydraulic rear suspension. Wire system to dump when the left rear entry door is opened. Install manual controls in the cab near the driver.
3000-0407	1	RECEIVER/DRYER KIT, FORD F-SERIES CHASSIS Install standard receiver/dryer kit w/pressure switch in the air conditioning system.
BODY		
2000-0047	1	AMBULANCE BODY Conversion model is to be a 457-I using a Ford F Series chassis. Body length is 157".
2000-0013	1	HEADROOM, 72" The headroom is to be 72".
2000-0240	1	EMBOSSSED DIAMONDPLATE AT SIDE ENTRY DOOR Fabricate the side door stepwell using embossed diamond treadplate.
2000-0245	1	DOUBLE STEP CURBSIDE ENTRY, 6" DROP SKIRT Fabricate curbside of body with 6" drop skirt. To include two step side entry.
2000-0246	1	STREETSIDE 6" DROP SKIRT Fabricate street side of body with 6" drop skirt.
2000-0250	1	SOUND PROOFING/ACOUSTIC ENHANCEMENT PACKAGE Install standard sound control package.
2000-0258	1	WINDOWS, FIXED, REAR ENTRY DOORS Install clear solid fixed windows in the rear module access doors. Add black perforated vinyl.
2000-0260	1	WINDOW, SLIDING FOR SIDE ENTRY DOOR Install a clear sliding window in the side access door. Add black perforated vinyl.
2000-0265	2	EMERGENCY RELEASE, REAR DOORS Install standard emergency release knobs on top and bottom of the rear module entrance doors.
2000-0704	1	EMERGENCY RELEASE, SIDE ACCESS DOOR Install emergency release knobs on top and bottom of the side module entrance door.
2000-0811	1	VI-TECH MOUNTING, F SERIES Install standard Vi-Tech body mounts.

Spec Writer:

Spec Designer:

Option	QTY	Description
2000-0270	1	MIRROR STAINLESS STEEL SPLASH SHIELDS Install #8 mirror stainless splash shields on the lower front face of the body just behind the cab access doors. These splash shields are to be the same height as the diamond plate front corner guards. Add to blackout package.
2000-0596	1	PRE-PUNCH SPLASH SHIELDS The specified front splash shields are to be pre-punched to accept the specified running board lights.
2000-0690	1	FENDERS, STAINLESS, STD, CS 6" DROP SKIRT Install a stainless-steel fender, for use in conjunction with a 6" drop skirt, at the curbside rear wheel well location. Add to blackout package.
2000-0691	1	FENDERS, STAINLESS, STD, SS 6" DROP SKIRT Install a stainless-steel fender, for use in conjunction with a 6" drop skirt, at the street side rear wheel well location. Add to blackout package.
2000-0220	1	POLISHED STAINLESS RUB RAILS, LIGHTED Install polished stainless steel lower body rub rails. Rails are to include cutouts for strip lighting. Add to blackout package.
2000-0652	1	STANDARD CORNER GUARDS Install standard height polished diamond plate corner guards. Add to blackout package.
2000-0281	1	REAR DOOR HOLD OPENS, GRABBER Install chrome Cast Products "Grabber" style rear door hold opens. (NOTE: HOLDOPENS MUST BE RELOCATED IF TELESCOPIC LIGHTS ARE ORDERED) Add to blackout package.
2000-0583	1	ENTRY DOOR THRESHOLDS, LINE-X Apply black Line-X to the side and rear entry door thresholds. Delete the standard anti-slip tape.
2000-0584	1	REAR RISER ADP The rear riser is to be fabricated out of polished aluminum diamond plate. Add to blackout package.
2000-1103	1	LICENSE PLATE, STREETSIDE REAR RISER Drill two mounting holes for the rear license plate on the street side of the rear riser. Install an LED license plate light. include bolts with which the plate shall mount.
2000-0282	1	FUEL FILL PLATE Install a stainless-steel plate on the body face below the fuel fill housing. Add to blackout package.
2000-0598	8	DOOR REFLECTORS All patient compartment entry doors to include standard red reflectors.
COMPARTMENTATION		
2900-1438	1	STREETSIDE FORWARD COMPARTMENT The height of the street side front compartment is to be the full available height of the body. See drawings for compartment dimensions. Compartment is to include standard LED strip lighting and a single hinged door.
2000-0401	1	SS FORWARD COMPT. FLAT ALUMINUM The street side forward compartment is to be fabricated from flat aluminum.

Spec Writer:

Spec Designer:

Option	QTY	Description
2900-2900	1	LINED COMPARTMENT, STREETSIDE FORWARD Spray the street side forward compartment with Line-X lining. Material color is noted below.
2900-0004	2	ADJUSTABLE SHELF STREETSIDE FRONT Aft of dividers. Install flat aluminum adjustable shelving in the street side forward compartment. Locate as noted.
2900-2901	2	LINED SHELVING, STREETSIDE FORWARD Aft of dividers Spray the specified street side forward compartment shelving with Line-X lining. Material color is noted below.
2900-0219	2	FIXED VERTICAL DIVIDER, STREETSIDE FRONT 1, 11" from rear (right) wall, 1, 5" forward of the 1st one. Install 16" deep fixed vertical dividers in the street side forward compartment. Locate as noted above.
2900-2902	2	LINED DIVIDER, STREETSIDE FORWARD Both Spray the specified street side forward compartment divider with Line-X lining. Material color is noted below.
2000-0225	1	SWEEP OUT COMPARTMENT FLOOR, SS FRONT street side forward compartment floor is to be sweep-out style.
2900-1441	1	STREETSIDE INTERMEDIATE COMPARTMENT The height of the street side intermediate compartment is to be the full available height to the bottom of the interior countertop. See drawings for compartment dimensions. Compartment is to include standard LED strip lighting and a single hinged door.
2000-0403	1	SS INTRMDT COMPT. FLAT ALUMINUM The street side intermediate compartment is to be fabricated from flat aluminum.
2900-2905	1	LINED COMPARTMENT, STREETSIDE INTERMEDIATE Spray the street side intermediate compartment with Line-X lining. Material color is noted below.
2900-0144	1	ADJUSTABLE SHELF STREETSIDE INTERMEDIATE Centered. Install flat aluminum adjustable shelving in the street side intermediate compartment. Locate as noted.
2900-2906	1	LINED SHELVING, STREETSIDE INTERMEDIATE Please Enter Locations Spray the specified street side intermediate compartment shelving with Line-X lining. Material color is noted below.
2000-0587	1	CEILING MOUNTED ELECTRICAL EQUIPMENT Add-on electrical equipment is to be installed on the ceiling of the street side intermediate compartment.
2900-0252	1	EXPANDED METAL CAGE, STREETSIDE INTERMEDIATE Install an expanded metal cage around the onboard electrical equipment per location noted above. Include access ports to equipment with grip lock around the edges of the openings.
2000-0624	1	SWEEP OUT COMPARTMENT FLOOR SS INTERMEDIATE COMPT Street side intermediate compartment floor is to be sweep-out style.

Spec Writer:

Spec Designer:

Option	QTY	Description
8000-0145	1	SS WHEELWELL COMPARTMENT, DELETE Vehicle is not equipped with a street side wheel well compartment.
2900-1445	1	STREETSIDE REAR COMPARTMENT The height of the street side rear compartment is to be full height of the available height of the body. See drawings for compartment dimensions. Compartment is to include standard LED strip lighting and double hinged doors. Install 1 coat hook on each door, centered, 4" below shelf.
2000-0405	1	SS REAR COMPT. FLAT ALUMINUM The street side rear compartment is to be fabricated from flat aluminum.
2900-2908	1	LINED COMPARTMENT, STREETSIDE REAR Spray the street side rear compartment with Line-X lining. Material color is noted below.
2900-0145	1	ADJUSTABLE SHELF STREETSIDE REAR Upper3rd. Install flat aluminum adjustable shelving in the street side rear compartment. Locate as noted.
2900-2909	1	LINED SHELVING, STREETSIDE REAR Spray the specified street side rear compartment shelving with Line-X lining. Material color is noted below.
2900-0216	1	TOOL MOUNTING PLATE; STREETSIDE REAR Install a .25" thick aluminum plate on the back wall of the street side rear compartment. Plate is to have a D/A finish. Install (2) aluminum 'C' channels to the wall and secure the plate using the 'C' channels. Exact location TBD.
SR12	1	ANGLED STORAGE FOR FIRE EXTINGUISHERS, STREETSIDE REAR Provide an angled storage area for a 25" high x 9" diameter fire extinguisher in each back corner at the bottom of each side of the compartment.
2000-0608	1	SWEEP OUT COMPARTMENT FLOOR SS REAR COMPT Street side rear compartment floor is to be sweep-out style.
2900-1450	1	CURBSIDE REAR COMPARTMENT The height of the curbside rear compartment is to be full available height of the body. See drawings for compartment dimensions. Compartment is to include standard LED strip lighting and a single hinged door.
2000-0409	1	CS REAR COMPT. FLAT ALUMINUM The curbside rear compartment is to be fabricated from flat aluminum.
2900-2913	1	LINED COMPARTMENT, CURBSIDE REAR Spray the curbside rear compartment with Line-X lining. Material color is noted below.
2900-0148	1	ADJUSTABLE SHELF CURBSIDE REAR UPPER 3RD. Install flat aluminum adjustable shelving in the curbside rear compartment.
2900-2914	1	LINED SHELVING, CURBSIDE REAR Spray the specified curbside rear compartment shelving with Line-X lining. Material color is noted below.
2900-0218	1	TOOL MOUNTING PLATE, CURBSIDE REAR Install a .25" thick aluminum plate on the front (right) wall of the curbside rear compartment. Plate is to have a D/A finish. Install (2) aluminum 'C' channels to the wall and secure the plate using the 'C' channels. Exact location TBD.

Spec Writer:

Spec Designer:

Option	QTY	Description
2000-0611	1	SWEEP OUT COMPARTMENT FLOOR CS REAR COMPT Curbside rear compartment floor is to be sweep-out style.
8000-0090	1	CS INTRMDT COMPT, DELETE Vehicle is not equipped with a curbside intermediate compartment.
2900-1454	1	CURBSIDE FORWARD COMPARTMENT The height of the curbside front compartment door is to be reduced by 15" from full height. See drawings for door dimensions. Compartment is to include standard LED strip lighting and a single hinged door.
2900-4081	1	LINE-X LINER COLOR, BLACK The specified Line-X lining is to be black in color.
2900-1204	1	DRI DECK, BLACK Black Dri-Deck is to be installed on the floor and shelving of all exterior compartments. To include tapered edge trim pieces where applicable.
2900-0113	1	RUBBER WALLS IN BB COMPT, GRAY The interior of the backboard compartment is to be covered with gray rubber matting to protect equipment stored in this area.
PAINT AND GRAPHICS		
5000-0189	1	MODULE PAINT Vermillion Red The module body is to be painted a special paint color and paint code as noted above.
5000-0032	1	STRIPE: 8" SCOTCHLITE BELTLINE, BLACK Apply an 8" black Scotchlite beltline stripe.
5000-0014	1	PAINT PANEL: SAMPLE Vermillion Red A painted test panel shall be prepared with the paint color and number noted above,
5000-0002	1	PAINT CHASSIS WHEELS Black LineX The chassis outer wheels and spare, if provided, are to be covered with black LineX.
5000-0081	1	DIAMONDGRADE CHEVRON, FULL REAR Red, Fluorescent Yellow Green Install full rear body chevron pattern using Diamond grade material. Install inboard or vertical corner posts and below upper drip rail.
5000-0079	1	DIAMONDGRADE CHEVRON, ACCESS DOOR PANELS Red, Fluorescent Yellow Green Install a Diamond grade chevron on the lower interior door panels on all body access doors.
5000-0069	1	STAR OF LIFE, 12" Shipped loose. Install 12" star of life per quantity and location information above.
5000-0190	3	ACCESS DOORS RED SCOTCHLITE STRIP Install 2" x 12" strips of red Scotch lite at the top of each entry door placed horizontally.
INTERIOR FEATURES		
2000-0289	1	ACRYLIC COLOR: CLEAR All Plexiglas cabinet doors to be clear.
2000-0293	2	STAINLESS STEEL COUNTER TOPS Fore and aft of CPR seat Fab and install Stainless pan formed countertops in the patient area.

Spec Writer:

Spec Designer:

Option	QTY	Description
2000-0592	1	CG TECH INHALATION AREA WALLS The main wall action area walls are to be covered with CG Tech material.
2000-0307	1	INHALATION PANEL, CG TECH COVERED The inhalation panel is to be fabricated from composite material and covered with CG Tech to match to color selected.
2000-0643	1	SILVER METALLIC CG TECH INTERIOR COLOR The patient area walls, inner door panels and inhalation panel (EXCLUDING the main cabinet wall and associated areas such as the action area, CPR seat and telemetry area when equipped) are to be finished with Silver Metallic CG Tech material. Requires stainless risers and lower door panels.
2000-0458	1	LONSEAL LONPLATE II GUNMETAL #424 The patient area floor is to be covered in Lon Plate II Gunmetal #424.
2000-0324	1	STAINLESS STEEL RISERS Install stainless steel on the interior risers. If a cabinet riser accent stripe is ordered the stainless steel will stop at the bottom edge of the stripe.
2000-0325	1	STAINLESS STEEL LOWER DOOR PANELS Finish lower section of inside patient compartment doors with stainless steel.
2000-0667	1	FASHION GREY CABINET COLOR All interior cabinetry is to be painted Fashion Grey.
2000-0709	1	CABINET PAINT TO BE SMOOTH The specified cabinet paint is to have a smooth finish.
2000-0945	1	PATRIOT PLUS GUNMETAL GRAY VINYL COLOR All seat cushions, backrests and vinyl closeouts are to be covered in Patriot Plus Gunmetal Gray colored material.
2000-0326	1	DELETE STANDARD FIXED SEATBASE Delete the standard aluminum fixed seat base for the attendant's seat specified.
2000-0327	1	DELETE STANDARD USSC, BLACK 4-POINT, FLINT GREY Leave the under floor mounting plate in the event of a future installation of a seat.
2000-0681	1	4 POINT SEAT BELT FOOT OF BENCH, BLACK Install black 4-pt seatbelt with safety vest at the foot position of the squad bench.
2000-0682	1	4 POINT SEAT BELT HEAD OF BENCH, BLACK Install black 4-pt seatbelt with safety vest at the head position of the squad bench.
2000-0683	1	4 POINT SEAT BELT, CPR SEAT, BLACK Install black 4-pt seatbelt with safety vest at CPR seat location.
2000-0605	1	ALUMINUM INTERIOR CABINETS All interior cabinets are to be fabricated from aluminum.
2000-0575	1	CABINET TRIM RADIUS Install smooth radiused trim molding on all applicable interior cabinets.
2900-0204	1	I.V. HOOKS: PERKO COT WAIST Per drawing. Install a Perko clip style IV hanger over the cot waist area.
2900-0201	1	I.V. HOOKS: PERKO BENCH WAIST Per drawing. Install a Perko clip style IV hanger over the bench waist area.

Spec Writer:

Spec Designer:

Option	QTY	Description
2000-1320	1	GRAB RAIL: 8FT YELLOW ANTI-MIC CENTER Close to center as possible. Install a standard style 8' main grab rail with yellow anti-microbial coating. Locate centered in the patient area ceiling.
2000-1307	1	VERTICAL GRAB RAIL, 2' YELLOW, FRONT WALL Install a standard style 2' grab rail with yellow anti-microbial coating. Locate on the front wall at the side access door.
2000-1315	1	VERT GRAB RAIL, 2 FT. YELLOW ANTI-MIC MAIN WALL Install a standard style 2' grab rail with yellow anti-microbial coating. Locate to the street side just inside the rear entry doors mounted vertically.
2000-1316	1	VERT GRAB RAIL, 2 FT. YELLOW ANTI-MIC REAR DOORS Install a standard style 2' grab rail with yellow anti-microbial coating. Locate to the curb side just inside the rear entry doors mounted vertically.
2000-1308	1	PATIENT DOOR GRAB RAILS: YELLOW ANTI-MICROBIAL Install standard 'V' shaped grab rails with yellow anti-microbial coating. Locate on the interior door panels of all three patient entry doors.
2000-0423	1	CEILING MATERIAL, PLATINUM WHITE COMPOSITE The standard module ceiling material shall be platinum white aluminum composite.
STREETSIDE CABINETRY		
2000-0339	1	LINEN CLOSET WITH HEAT/AC UNIT IN BOTTOM Install a storage cabinet behind the attendant seat. Cabinet to be sized for installation of the HVAC system in the bottom.
2900-1076	1	FIXED SHELF, UPPER LINEN CLOSET Fab and install a fixed aluminum shelf in the upper section of the linen cabinet. Shelf is to be painted to match the cabinet color.
2900-1079	1	ADJUSTABLE SHELF MIDDLE 1 LINEN CLOSET Fab and install an adjustable aluminum shelf in the middle section of the linen cabinet. Shelf is to be painted to match the cabinet color.
2900-1083	1	ADJUSTABLE SHELF LOWER LINEN CLOSET Fab and install an adjustable aluminum shelf in the lower section of the linen cabinet. Shelf is to be painted to match the cabinet color.
2900-2029	2	SOLID LAMINATE-COVERED LINEN CLOSET DOOR Install hinged solid doors on the linen cabinet. Cover in laminate to match the interior.
2900-1070	1	PIANO HINGE FOR LINEN CLOSET TOP DOOR The upper linen cabinet door(s) is/are to use piano style hinge.
2900-1074	1	PIANO HINGE FOR LINEN CLOSET LOWER DOOR The lower linen cabinet door(s) is/are to use piano style hinge.
2900-1183	1	LOCKING SOUTHCO LATCH, UPPER LINEN, CHANGE 10 Install a locking stainless flush mount Southco HD style pull latch on the upper linen cabinet door. Latch to be Change Notice 10 compliant and rated for 25lbs.
2900-1186	1	SOUTHCO LATCH, LOWER LINEN, CHANGE 10 Install a stainless flush mount Southco pull latch on the lower linen cabinet door. Latch to be Change Notice 10 compliant and rated for 25lbs.

Spec Writer:

Spec Designer:

Option	QTY	Description
2000-0343	1	STREETSIDE WALL WITH CPR SEAT Street side cabinet wall to include a CPR seat.
2000-0310	1	CPR SEAT, 28" WIDTH Street side CPR seat width to be 28".
SR16	1	HOPS SRS SYSTEM Install a roll sensor and tubular airbags at the CPR seat location and the foot end of the curb side bench.
2900-4089	1	ANGLED UPPER CABINET, FORWARD OF CPR SEAT The upper cabinet forward of the CPR seat is to be angled with .25" aluminum door and steel catch. The cabinet is to be Change Notice 10 compliant.
2900-4088	1	DELETE ANGLED UPPER CABINET, AFT OF CPR SEAT
2000-2050	1	DELETE CUSTOM CABINET 1
2900-0410	1	LIFT UP CABINET FRAMES, UPPER INHALATION CABINET Install a flip-up restocking cabinet frame on cabinet noted above. Includes gas shocks and vertical latches. The Design is to be compliant with Change Notice 10.
2000-2058	1	UPPER INHALATION CABINET 12.75H x 34.75W x 16.375D Upper inhalation cabinet dimensions are to be as noted above. Note that dimensions are I.D.
2000-1368	1	POLYCARBONATE SLIDING, UPPER INHALATION, CHANGE 10 Cabinet over inhalation area is to have sliding polycarbonate doors. Doors to include CN-10 compliant catch.
2900-1094	1	INTERIOR SHELVEING, UPPER INHALATION CABINET Install painted adjustable shelving in upper inhalation cabinet.
2900-1092	1	FIXED VERTICAL DIVIDER, UPPER INHALATION CABINET Centered. Install a fixed aluminum vertical cabinet divider.
2000-0347	1	STORAGE BENEATH THE CPR SEAT Provide a hinged CPR seat cushion with storage located underneath.
2000-0349	1	GAS HOLD OPEN FOR LIFT UP CPR SEAT CUSHION Provide a gas hold open on the flip-up CPR seat cushion to keep the cushion in the upright position when opened.
2000-0348	1	RECESSED PADDLE LATCH. CPR SEAT Provide a recessed paddle latch in the cabinet riser to secure access to the CPR seat storage area.
2900-0347	1	STANDARD S/W DISPOSAL, RECESSED IN AREA AFT OF CPR SEAT. Install sharps and waste disposal in a metal container recessed into the counter top aft of the CPR seat. Access to the waste receptacle shall be through a spring-loaded door. The neck of the sharp's container shall protrude through the top surface of the receptacle. Disposal of both containers shall be accessible by raising a hinged aluminum lid.
CURBSIDE CABINETRY		
2000-0359	1	SQUAD BENCH WITH NO CUPS OR WELLS Provide storage under the squad bench lid/cushion(s). The area shall run where possible under the bench. The storage pan is to be fabricated from aluminum and painted to match the interior.

Spec Writer:

Spec Designer:

Option	QTY	Description
8000-0056	1	BENCH FRONT END RESTRAINT FOR USE WITH HOPS, DELETE
2000-0744	1	DOUBLE CUSHION SQUAD BENCH The squad bench cushion is to be a two piece.
2000-0380	1	BENCH HOLD OPENS: GAS Install gas spring hold opens on squad bench lid.
2000-0381	1	BENCH HOLD-DOWN: PADDLE LATCHES (PAIR) Install recessed paddle latches into the squad bench riser to retain the squad bench lids in the closed position. The latches shall be both passive and positive.
2000-0382	1	BENCH CUSHION EDGE TRIM: Trim bench cushion edge with protective aluminum trim, to protect horizontal edge of squad bench cushion from tears.
2000-0383	1	BENCH BACK CUSHION: FULL SIZE Install full size bench backrest cushion.
2900-0065	1	DELETE OVER BENCH CABINET
FRONT WALL CABINETRY		
2900-0073	1	FRONT WALL CABINET: FLAT ALUM PAINTED The front wall cabinet shall be arranged per drawing. Additional configuration information may follow. Cabinet interior is to be painted to match the interior cabinet color.
SR01	1	UPPER MOST CABINET, RIGHT FRONT. 16.0'H x 27.25" W x 16.0" D, ID Provide sliding polycarbonate doors, with 1 adjustable shelf, and top hinged lift up restocking feature.
2900-1040	1	ADJUSTABLE SHELF FRONT WALL MIDDLE CABINET Fab and install an adjustable aluminum shelf in the center section of the front wall cabinet as noted. Shelf is to be painted to match the cabinet color. Add a cargo net over the openings with left/right side buckles on each net.
2900-1042	1	ADJUSTABLE SHELF, LOWER FRONT WALL CABINET Fab and install an adjustable aluminum shelf in the lower section of the front wall cabinet as noted. Shelf is to be painted to match the cabinet color. Add a cargo net over the openings with left/right side buckles on each net.
2000-1404	1	CAB TO MODULE PASSTHROUGH WINDOW Provide a sliding pass-through window between the patient area and the chassis cab on the cab side.
COT MOUNT		
2000-0599	1	STRYKER POWER LOAD, CENTERED Cot Type: Stryker Power Pro XT Supply and install a Stryker Power load system. Locate in the center position. This option does not include a cot. Note: this option complies with GSA change notice 8.
VISUAL WARNING		
3000-0708	1	TRAFFIC EMITTER 794H, BEZEL Supply and install a GTT 794H traffic emitter. Install on the front face of the body without obstruction recessed into a 798 housing. Provide an activation switch in the front control panel and wire so that the unit will not operate unless the emergency lighting circuit is activated and the vehicle is in gear.

Spec Writer:

Spec Designer:

Option	QTY	Description
3000-1805	1	WIG WAG HEADLIGHTS, F SERIES Install wig wag headlight flasher. Provide a dedicated switch in the front control panel. Deactivate in secondary mode.
3000-0054	6	M6, RED/RED LENS Front body face, upper corners, upper center, upper innermost. Install Whelen M6 series LED lights as noted. Lights to be red with red lenses. Lights to include black flanges and flash pattern programmability from the front control panel.
3400-0054	4	M6, RED/RED LENS Rear of body, upper corners and just inboard of corners Install Whelen M6 series LED lights as noted. Lights to be red with red lenses. Lights to include black flanges and flash pattern programmability from the front control panel.
3200-0068	2	M9, RED/RED LENS Street side upper corners Install Whelen M9 series LED lights as noted. Lights to be red with red lenses. Lights to include black flanges and flash pattern programmability from the front control panel.
3300-0068	2	M9, RED/RED LENS Curbside upper corners Install Whelen M9 series LED lights as noted. Lights to be red with red lenses. Lights to include black flanges and flash pattern programmability from the front control panel.
3000-5083	1	M6 White Clear Lens Front Center KKK Install a Whelen M6 series LED light centered on the front face of the body. Light is to be white with a clear lens. Light is to include a black flange and flash pattern programmability from the front control panel.
3000-5101	1	M6 Amber/Amber Lens Rear Center KKK Install a Whelen M6 series LED light centered on the rear face of the body above the rear doors. Light is to be amber with an amber lens. Light is to include a black flange and flash pattern programmability from the front control panel.
3000-0144	1	FLASH PATTERN, 80 FPM A/B Program the emergency lighting flash pattern to 80 FPM A/B.
3000-0965	1	RED/RED LENS M2 LED GRILLE, TOP Install (2) Whelen M2 Series red LEDs with red lenses in the upper chassis grille. To include bezels where applicable and flash pattern programmability from the front control panel.
3000-0974	1	WHITE/CLEAR LENS M2 LED GRILLE, BOTTOM Install (2) Whelen M2 Series white LEDs with clear lenses in the lower chassis grille. To include bezels where applicable and flash pattern programmability from the front control panel.
3000-1259	1	RED/RED LENS M7 LED INT. LIGHTS Install (2) Whelen M7 Series red LED lights with red lenses on the chassis fenders. To include housings and weather proof plugs.
SR08	2	RED/CLEAR M6V2R REAR INT. LIGHTS Install red with red lens and clear with clear lens combination warning/scene lights over each rear wheel well. Clear lights to activate with side scenes, turn signals, and reverse lights.
SR02	1	All warning lights to have black flanges.

Spec Writer:

Spec Designer:

Option	QTY	Description
AUDIBLE WARNING		
2000-0433	1	AIR HORNS: UNDER BUMPER FORD F-SERIES Install (2) Buell #1061 trumpets under the front bumper recessed into the air dam valance. System to include a #16122 compressor and remote air tank. The air horns can only be activated when the vehicle is in gear. Activate through a foot switch on the driver's side. Trumpets to be black.
3000-0175	1	SIREN, WHELEN 295HFSA7 Speaker 1- Wail, Yelp, Pierce. Speaker 2- Wail, Yelp, Pierce Install a Whelen 295HFSA7 siren in the front console.
3000-1543	1	SPEAKERS, CAST PRODUCTS, F SERIES Install Cast Products siren speakers, applicable to Ford F-Series chassis, in the front bumper. Speakers will be blacked out.
NON-EMERGENCY LIGHTING		
3000-0208	1	KKK SIDE BODY MARKER LIGHTS, M6 SERIES LED (PAIR) Install red Whelen M6 series LED turn/marker lights on each rear side of the module body. Lights provide module body night time side lighting visibility and turning signal indication. Lights do not flash with warning lights unless otherwise specified. Includes black flanges.
3000-0217	1	LED EXTERIOR COMPARTMENT LIGHTING Install full height LED strip lighting in all exterior compartments with the exception of any wheel well compartments. Install vertical strips inside both sides of each compartment. The lights are to be directed toward the back of each compartment.
3000-0221	1	ROLLED ICC MARKER LIGHTS Install standard rolled marker lights along the upper corner post front and rear. Do not install in cases where there are already ICC marker lights installed on a specified lightbar.
3000-0224	1	RUNNING BOARD LIGHTS, WHELEN PAR 16 L.E.D. Install a pair of Whelen PAR 16 LED lamps with chrome flanges in the stainless-steel stone guard above each running board, one per side. Wire to the chassis door switch and illuminate the step/running board.
3000-0690	1	L.E.D. WARNING RUB RAILS RED/WHITE Install 12" Tecniq L.E.D. light strips in the lower rub rails. The lights are to be dual color red/white. Locate (3) strips forward of the rear wheel and (2) strips aft of the rear wheel for a total of (5) lights. Steady burn the red-light sections with headlight switch and alternate flash red and white light sections with warning lights activated.
SR14	1	LED STRIP LIGHTS ON RUNNING BOARDS Install LED red clear strip lights along the length of the running boards, just under cab doors. There will be 2 sections on each side, with an E10 ground light in the center.
SR05	2	PIONEER PSL2BB FRONT SCENE LIGHT Install a Pioneer PSL2BB LED scene light on each upper outboard front module corner. Mount on a 35° angle bracket.
SR06	1	PIONEER PCPSM1C LED SPOT FLOOD, STREETSIDE FRONT. Install a Pioneer PCPSM1C spot/flood light on the upper street side front corner.
SR07	1	PIONEER PCPSM1C LED SPOT FLOOD, CURBSIDE FRONT. Install a Pioneer PCPSM1C spot/flood light on the upper curb side front corner.

Spec Writer:

Spec Designer:

Option	QTY	Description
3000-0741	1	M9 SERIES LED SCENE LIGHT, STREETSIDE REAR Install a Whelen M9 LED side scene light with black flange on the upper street side rear portion of the body.
3000-0762	1	M9 SERIES LED SCENE LIGHT, CURBSIDE REAR Install a Whelen M9 L.E.D. side scene light with black flange on the upper curbside rear portion of the body.
3000-1634	1	LOAD LIGHTS, M6 SERIES LED Install two Whelen M6 LED load lights with black flanges above the rear body entry doors.
3000-1762	1	RED/WHITE WARNING, BOTTOM, SIDE ACCESS DOOR Install a Tecniq red/white split L.E.D. light strip on the lower curbside access door inner panel. Installation will be near flush with the inner door panel. The light strip is to flash (alternate colors) when the access door is open, and the emergency lighting is activated.
3000-1767	1	RED/WHITE WARNING, BOTTOM, REAR ACCESS DOORS Install Tecniq red/white split L.E.D. light strips on the lower rear module access door inner panels, one (1) per door. Installation will be near flush with the inner door panels. The light strips are to flash (alternate colors) when the access doors are open, and the emergency lighting is activated.
3000-0257	1	TECNIQ E10 LED GROUND LIGHTING (12) Tecniq E10 lights will be installed in OEM stainless mounting brackets at the designated locations. The lighting is to function as follows: A. Includes a front console panel switch. B. Compartment doors activate the lights in the respective quadrant of the body. Rear entry doors activate the rear corner lights. C. Rear lights are wired reverse activated. All Lights to activate for 15 seconds when the vehicle is placed in drive. D. Items b. thru d. are to only occur when the parking or headlights are activated.
3000-1317	1	RED/WHITE WARNING, BOTTOM, STREETSIDE FRONT Install a Tecniq red/white split L.E.D. light strip on the lower street side forward compartment door inner panel. Installation will be near flush with the inner door panel. The light strip is to flash (alternate colors) when the compartment door is open, and the emergency lighting is activated.
3000-1318	1	RED/WHITE WARNING, BOTTOM, STREETSIDE INTERMEDIATE Install a Tecniq red/white split L.E.D. light strip on the lower street side intermediate compartment door inner panel. Installation will be near flush with the inner door panel. The light strip is to flash (alternate colors) when the compartment door is open, and the emergency lighting is activated.
3000-1319	1	RED/WHITE WARNING, BOTTOM, STREETSIDE REAR Install a Tecniq red/white split L.E.D. light strip on the lower street side rear compartment door inner panel. Installation will be near flush with the inner door panel. The light strip is to flash (alternate colors) when the compartment door is open, and the emergency lighting is activated.

Spec Writer:

Spec Designer:

Option	QTY	Description
3000-1314	1	RED/WHITE WARNING, BOTTOM, CURBSIDE FRONT Install a Tecniq red/white split L.E.D. light strip on the lower curbside forward compartment door inner panel. Installation will be near flush with the inner door panel. The light strip is to flash (alternate colors) when the compartment door is open, and the emergency lighting is activated.
3000-1316	1	RED/WHITE WARNING, BOTTOM, CURBSIDE REAR Install a Tecniq red/white split L.E.D. light strip on the lower curbside rear compartment door inner panel. Installation will be near flush with the inner door panel. The light strip is to flash (alternate colors) when the compartment door is open, and the emergency lighting is activated.
3000-1438	1	TAIL LIGHTS, M6 SERIES, HORIZONTAL MOUNTED Install Whelen M6 series LED stop/tail, turn, and reverse lights. Install the stop/tail and reverse lights in the rear riser/kick plate with brake/tail outboard. Install the turn signals above in the rear body panels. Lights to include black flanges.
ELECTRICAL		
3000-0018	1	ELECTRIC DOOR LOCKS COMPARTMENT EXTERIOR Install power activated door locks on all exterior compartment doors. Locks to be activated by a switch at each patient area access door. Locks may be overridden by a door key.
3000-0019	1	ELECTRIC DOOR LOCKS ACCESS DOORS INTERIOR Install power activated door locks on all patient area access doors. Locks to be activated by a switch at each patient area door. Locks may be overridden by a manual slide lever or by the door key.
3000-0022	1	ELECTRIC DOOR LOCKS WIRED TO OEM SWITCHES The specified power door locks are to be wired to the chassis OEM door lock switches.
3000-0452	1	ELECTRIC DOOR LOCKS CONCEALED UNDER REAR STEP Install a concealed switch under the rear step to operate the power door lock circuit. Doors shall be wired to unlock only on this circuit.
3000-0282	1	ELECTRICAL SYSTEM Install the Intelliplex i4G electrical system. System is to include a USB port installed under the dash for ease of programming.
3000-0305	1	INPOWER BATTERY SWITCH, WITH WAKE BUTTON 5 min. Install an Inpower electronic battery switch. Switch is to activate battery power through the vehicle ignition and is to include an automatic shutdown timer to deactivate battery power after the ignition is turned off. To include a wake button installed on the front console to activate the electrical system without using the key.
3000-0307	1	CHARGER/POWER SUPPLY Install a Kussmaul Auto Charge 1200 battery conditioner with the deluxe weathertight display. Locate in the designated electrical equipment area. Display to be installed just above the shoreline on the angled panel on the driver's side front corner of the module. Conditioner to be wired to the batteries through the shoreline inlet.
3000-0310	7	110V INTERIOR OUTLET 1 In Inhalation Area 1 each in exterior compartments 1,2,3,4, and 1 in each of the lower sections in the right front cabinet. Install a 110V outlet(s) as noted.

Spec Writer:

Spec Designer:

Option	QTY	Description
3000-0549	3	INTERIOR 12VDC OUTLETS: CL TYPE/USB 2 In Inhalation Area, and 1 in the middle right front cabinet. Install a 12VDC cigarette style/USB outlet(s) as noted. Wire battery hot.
SR03	6	KUSSMAUL DUAL USB CHARGING PORTS. Install 1 in the cab console, 1 in the lower right front cabinet, and 1 each in compartments 1,2,3, and 4. Exact locations TBD.
3000-1462	1	SHORELINE 1, 20A SUPER AUTO EJECT, RED Mount a Kussmaul Super Auto Eject 20-amp shoreline inlet on an angled bracket mounted to the driver's side front module corner. Cover is to be red.
3000-1500	1	PD BOX LOCATION, BEHIND DRIVER'S SEAT IN CAB Install the power distribution panel behind the driver's seat in the cab. Close off this area from the remainder of the cab.
3000-0327	1	EXTRA 12VDC CIRCUIT BREAKER: INTERMEDIATE COMPT An extra circuit breaker shall be installed in the street side intermediate compartment.
3000-0332	1	REPORT LIGHT, LED Install a 12" LED report light on the action wall to light the counter area.
3000-0344	1	STEP WELL LIGHT VISTA LED Install a 10.5" LED Vista light strip in the standard location on the bench side of the step well. Light to activate with door open.
3000-0350	1	ROM DUROLUMEN LED ABOVE HEAD IN CEILING A ROM Durolumen light fixture shall be provided and installed as noted above. Fixture is to be operable from the rear switch panel as well as through other means as noted within this document.
3000-0363	8	PATIENT CEILING DOME LIGHTS KINEQUIP LED Install Kinnequip LED dome lights in the patient area ceiling. The lights will have a high/low feature with the switch in the rear control panel.
3000-0525	1	3 SWITCH PANEL REAR DOOR PANEL Install an i4G 3-switch control panel on the right rear entry door panel.
3000-2103	1	TIMER, DOME LIGHTS, REAR DOOR PANEL Install an electronic momentary touch timer switch in the specified I4g switch panel on the right rear door panel. The switch will enable time limited operation of the specified dome lights with the battery switch in the 'off' position. Set timer to 15 minutes.
3000-5042	1	DUMP OVERRIDE, i4G, REAR DOOR PANEL Install the dump override switch in the panel selected for the right rear entry door inner panel.
3000-5062	1	LOAD LIGHT SWITCH, i4G, REAR DOOR PANEL Install load light control switch in the panel selected for the right rear entry door inner panel.
3000-0526	1	3 SWITCH PANEL ON SIDE ACCESS DOOR Install an i4G 3-switch control panel on the side entry door panel.

Spec Writer:

Spec Designer:

Option	QTY	Description
3000-2104	1	TIMER, DOME LIGHTS, SIDE ACCESS DOOR Install an electronic momentary touch timer switch in the specified I4g switch panel on the side access door panel. The switch will enable time limited operation of the specified dome lights with the battery switch in the 'off' position. Set timer to 15 minutes.
3000-5053	1	SCENE LIGHT SWITCH, SIDE ACCESS DOOR Install an electronic momentary switch in the specified i4G style switch panel on the side entry door inner panel. The switch is to control the curbside scene lights. This switch shall override the position of the front control panel switches. The system shall default to normal operation with the door open circuit or by cycling the battery switch.
SR04	1	WAKE SWITCH, SIDE ACCESS DOOR. Install an electronic momentary switch in the specified i4G style switch panel on the side entry door inner panel. Switch to activate entire electrical system.
3000-0007	1	BACKUP ALARM RESET, MOMENTARY Install a Brigade Model AS-BBS-97 smart white noise back-up alarm and provide a momentary backup alarm reset button on the front console.
3000-0031	1	CAMERA LOCATION: OVER REAR DOORS, EXTERIOR The integrated camera system noted is to include a camera installed over the rear doors on the vehicle exterior for use in reverse. Camera display to be wired to the Ford Sync screen.
SR13	1	CLOCK IN REAR HEADPAD Install a Lacrosse model WT-8005U-B digital atomic clock, centered in the rear head pad.
PROGRAMMING		
6000-0001	1	LIGHT PROGRAMMING: SIDE REAR SCENE The side rear scene lights shall be wired to transmission reverse, plus standard mode of operation.
6000-0002	1	LIGHT PROGRAMMING: RIGHT SIDE SCENE The right-side scene lights shall come "on" when the side patient door is opened.
6000-0003	1	LIGHT PROGRAMMING: LOAD LIGHT Program the rear load lights to activate with transmission reverse plus the standard mode of operation.
6000-0018	1	WHITE LIGHT CUTOFF SWITCH Provide a switch in the front control panel to deactivate all forward-facing white lights. This includes wig wag flashers if ordered.
6000-0006	1	PROGRAMMING: AUDIBLE LOW VOLTAGE ALARM Program an audible alarm to activate if the voltage drops below 11.8 volts for 120 seconds.
6000-0007	1	LIGHT PROGRAMMING: PARK BRAKE Program a warning to display on the front console readout advising to set the Parking Brake when the emergency master switch is "ON" and the transmission is placed in "PARK" or "NEUTRAL". It will also advise to Disengage the Parking Brake should the vehicle be placed into gear.

Spec Writer:

Spec Designer:

Option	QTY	Description
6000-0009	1	LIGHT PROGRAMMING: CAB LIGHT CONTROL The selected rear patient area dome lights are to be controlled through switching provided on the front control panel in addition to standard.
3000-1269	1	MODULE DISCONNECT, DEFAULT TO "ON" Program the Module Disconnect to 'On' with battery activation.
HVAC		
3000-4029	1	12V HVAC, BOTTOM OF LINEN CABINET Install a ProAir Pre-charged 12V heat/AC system with brushless motor in the bottom of the linen cabinet.
3000-4033	1	CHASSIS TIE IN FOR OEM CONDENSER, F SERIES
2000-0435	1	VENT CAST PAINTED NFPA STYLE Install an NFPA style venting system to include a 400cfm exhaust fan along with a static vent. Install 9.5" square cast covers on both vents per drawings. Covers to be painted body color.
RADIO		
3000-0432	1	ANTENNA COAX 1 Start: Behind Driver Seat, End: Front Center of Mod Roof An RG 58U coax shall be installed terminating as noted above.
3000-0608	1	ANTENNA COAX 2 Start: Behind Driver Seat, End: Center of Mod Roof An RG 58U coax shall be installed terminating as noted above.
3000-0434	1	3/8" NMO MOUNT COAX 1 Supply and install a 3/8" NMO mount in conjunction with specified coax #1.
3000-0618	1	3/8" NMO MOUNT COAX 2 Supply and install a 3/8" NMO mount in conjunction with specified coax #2.
3000-1174	1	PULL WIRE 1 Start: Cab Console, End: Bottom of Linen Cabinet Install a radio cable pull wire terminating as noted above. Wire is not to be wire tied or otherwise prevented from moving freely.
3000-0441	1	RADIO PULL WIRE CONDUIT Install a radio pull wire conduit. Termination points are to be determined by the the termination points of the specified pull wire.
SR15	1	FIRECOM HEADSET SYSTEM Supply and install the following. Install a Radio Transmit UH, DECT7, Head. Headset Ruggedizer, Blue. Intercom ONLY, UH, DECT7, HEAD. Wireless Base Station 5-User Radio Transmit. Remote DECT7 Antenna, Permanent Mount. Digital Intercom 1 Radio Firecom. Digital INT 1 Radio, Remote HE Firecom. MR-Cable. Hanger Hook, Yellow NFPA for Headset.
1000-0179	1	CUP HOLDERS, 2-TIER Install two (2) two-tier style cup holders recessed into the console.
1000-0401	1	CONSOLE EXTENSION, F SERIES Fab and install an aluminum console extension for mounting radio heads and storing maps, books, and binders. Attach to the standard console (selected separately). Standard box includes (3) 2.5 storage sections, and 8.5 faceplate for radio mounting. Apply black Line-X.
3000-5157	1	POWER TERMINAL, DUAL, INSIDE CONSOLE Install three (3) 10-gauge 30-amp cables to positive and ground studs for radio power. Wire one constant hot, one battery switched, and the third as a ground.

Spec Writer:

Spec Designer:

Option		QTY	Description
3000-5159	1		POWER TERMINAL, DUAL, LOWER LINEN Install three (3) 10-gauge 30-amp cables to positive and ground studs for radio power. Wire one constant hot, one battery switched, and the third as a ground.
3000-5160	1		POWER TERMINAL, DUAL, INHALATION PANEL Install three (3) 10-gauge 30-amp cables to positive and ground studs for radio power. Wire one constant hot, one battery switched, and the third as a ground.
SR09	1		12VDC PREWIRE, STREETSIDE FRONT COMPARTMENT Install a 12VDC prewire in the street side front compartment, leave a 3' service loop. Originate at the top of the compartment.
SR10	1		12VDC PREWIRE, CURBSIDE FRONT COMPARTMENT Install a 12VDC prewire in the curb side front compartment, leave a 3' service loop. Originate at the top of the compartment.
SR11	1		POWER AND GROUND STUDS, CURBSIDE LOWER FRONT COMPARTMENT Install a set of 20-amp power and ground studs on the forward compartment wall, in the under-floor section. Provide a cover for the studs.
SR12	1		SUCTION PLATE AND PREWIRE, FRONT OF INHALATION AREA Supply and install a mounting plate and 12VDC prewire for customer installation of an SSCOR VX-2 portable suction unit.
OXYGEN			
4000-0153	3		D MOUNT: QR-D-2 STRAPLESS UNDER BENCH HEAD Install a Zico QR-D-2 Quic-release strapless d-cylinder oxygen bracket.
4000-0074	3		D MT: QR-D-2 STRAPLESS LOC LEFT SIDE/RT FRONT CAB Install a Zico QR-D-2 Quic-release strapless d-cylinder oxygen bracket.
CERTIFICATIONS			
7000-0003	1		CHANGE NOTICE 10 CERTIFICATION The vehicle shall be certified to change notice 10 standards.
7000-0002	1		NFPA 1917 CERTIFICATION LABEL The vehicle is to be certified for compliance to NFPA 1917 standards. All required labels and documentation are to be provided.

Spec Writer:

Spec Designer:



Governing Board Agenda Item

SUBJECT/TITLE: Purchase of New Brush Rig

STAFF CONTACT: DC Seaver

SUMMARY STATEMENT:

With the new addition of \$266,000 into the Capital Fleet fund from the completed Sta. 15 project, this gives us the ability to move the brush rig replacement up from 2024. We will not surplus F091, as we have two stations, 16 & 17, with significant wildland urban interface exposure. We'll keep a brush rig at each of these stations and train the crews at 16 to the same wildland level as 17. This gives us the opportunity to deploy outside of our area, gaining experience for our personnel, while still maintaining coverage in our area.

FISCAL IMPACT:

Expenditure \$266,000 Revenue _____

Currently in the Budget Yes ☒ No ☐

SUMMARY OF ACTION:

The delivered cost is \$245,436. Upfitting with wildland inventory and IT needs will not exceed \$20,000, keeping the total cost under the budgeted amount. Delivery is expected in July.

Reviewed by Legal Yes ☐ No ☒

EXHIBITS:

- 1) HFE Quote
- 2) Drawings
- 3) Spec Sheet

RFA GOVERNANCE BOARD RECOMMENDED ACTION:

I move that the Board approves the purchase of the new brush rig in 2021 and authorizes the Fire Chief to sign.



March 30, 2021

Renton RFA, WA
Skeeter Brush Truck Demo Unit 14596
Build Location: Hillsboro, Texas

Proposal Price	221,315.00	
HGAC Processing Fee	1,000.00	
Subtotal	<u>\$ 222,315.00</u>	
Washington State sales tax @ 10.10%		22,453.82
Washington State motor vehicle tax @ 0.30%		666.95
Total Bid Price Including Sales Tax		<u>\$ 245,435.77</u>

Terms:

Delivery: This unit is currently in production and has a completion at the factory date of July 2021.

Stock/Demo Units:

- a. This stock unit is available on a first come / first serve basis.
- b. This stock unit is sold on an As is basis with a Skeeter Brush Truck, LLC "Limited Warranty" and any remaining vendor warranties.

Payment Terms: Final payment due upon delivery.

Performance Bond: A performance bond is not included in the above pricing.

Inspection Trips: One (1) factory inspection trip for two (2) fire department customer representatives is included in the above pricing. The inspection trip will be scheduled at a time mutually agreed upon between the manufacture's representative and the customer. Airfare, lodging and meals while at the factory are included. If the Department elects to Forgo an inspection trip \$1,350.00 per traveler (per trip) will be deducted from the final invoice.

Consortium Purchase: The proposal price is based on the apparatus being purchased through H-GAC (Houston-Galveston Area Council). This pricing is only valid for an H-GAC purchase on contract FS12-19A until 11/30/2021. It is the purchaser's responsibility to determine if the use of consortiums meets their purchasing requirements.

Acceptance of Proposal: If the customer wishes to purchase the proposed apparatus Hughes Fire Equipment will provide the Customer its form of Purchase Agreement for the Customer's review and signature. If the Customer desires to use its standard form of purchase order as the Purchase Agreement, the purchase order is subject to review for any required revisions prior to acceptance.

All purchase orders shall be made out to Hughes Fire Equipment Inc.

HUGHES FIRE EQUIPMENT'S NWCG TYPE 5 RESCUE SIDE WILDLAND ENGINE SKEETER BRUSH TRUCK



PROPERTY OF
SKEETER BRUSH TRUCKS

NOTE: DETAILS AND DIMENSIONS SHOWN ARE APPROXIMATE
AND ARE SUBJECT TO MINOR DEVIATIONS AS MAY
OCCUR OR BE NECESSARY IN CONSTRUCTION
MINOR DETAILS NOT SHOWN

PREPARED FOR:

HFE

DRAWN BY: RUSSELL L.

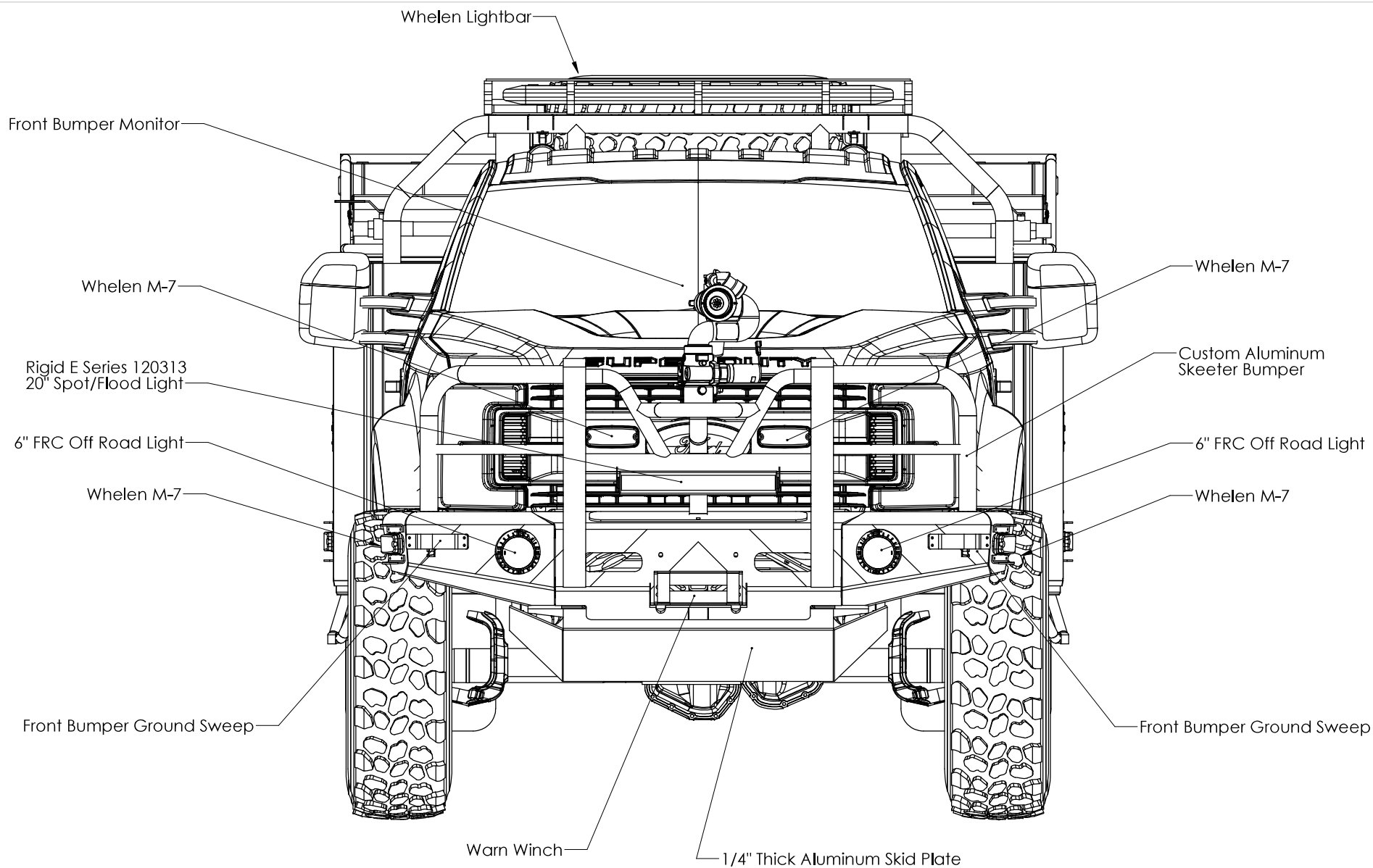
PRINT DATE: 10/6/2020

TITLE:

OVERVIEW

JOB # 14596

SHEET 1 OF 11



PROPERTY OF
SKEETER BRUSH TRUCKS

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PREPARED FOR:

HFE

DRAWN BY: RUSSELL L.

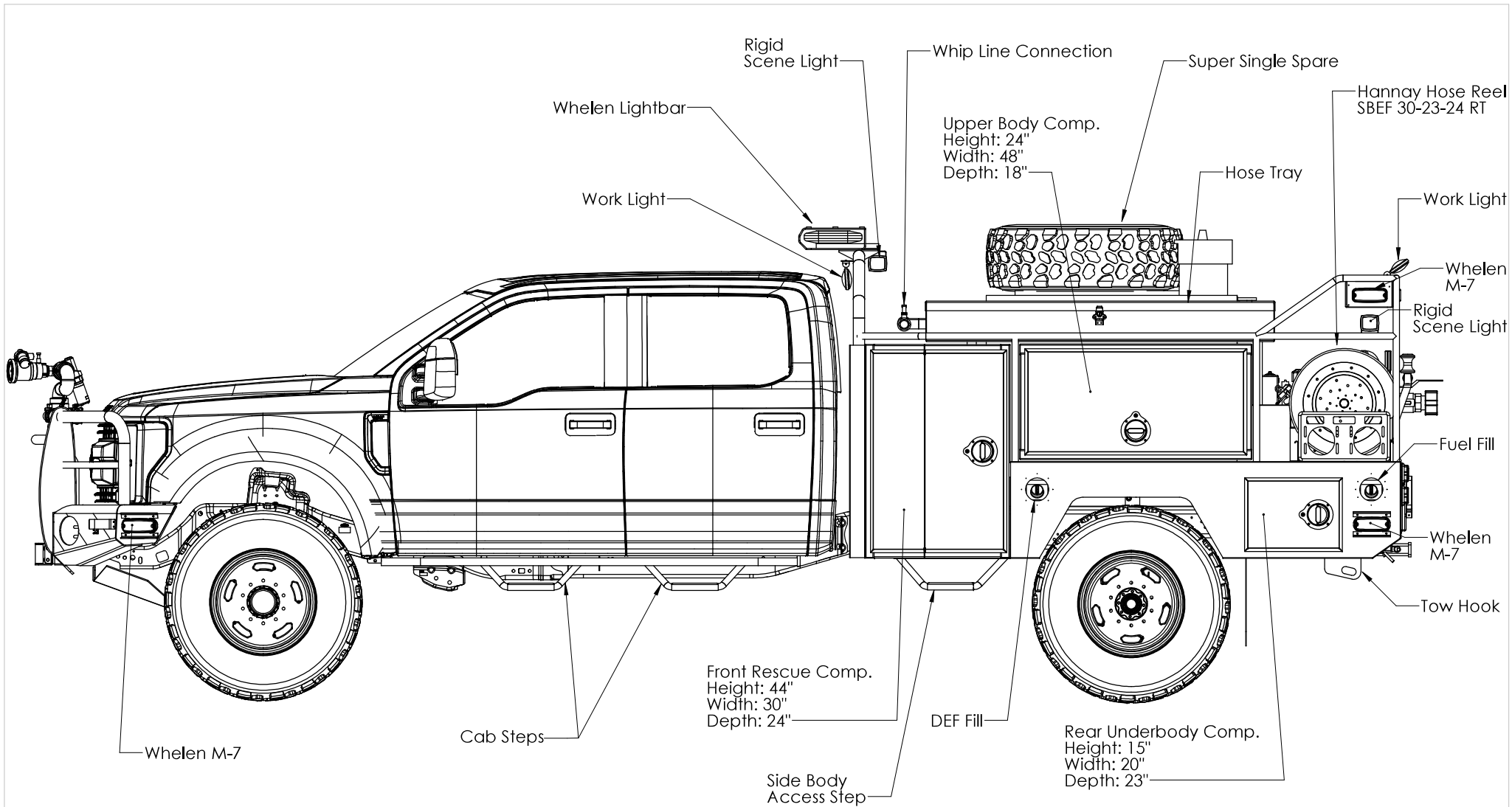
PRINT DATE: 10/6/2020

TITLE:

FRONT VIEW

JOB # 14596

SHEET 2 OF 11



PROPERTY OF
SKETER BRUSH TRUCKS

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PREPARED FOR:

HFE

DRAWN BY: RUSSELL L.

PRINT DATE: 10/6/2020

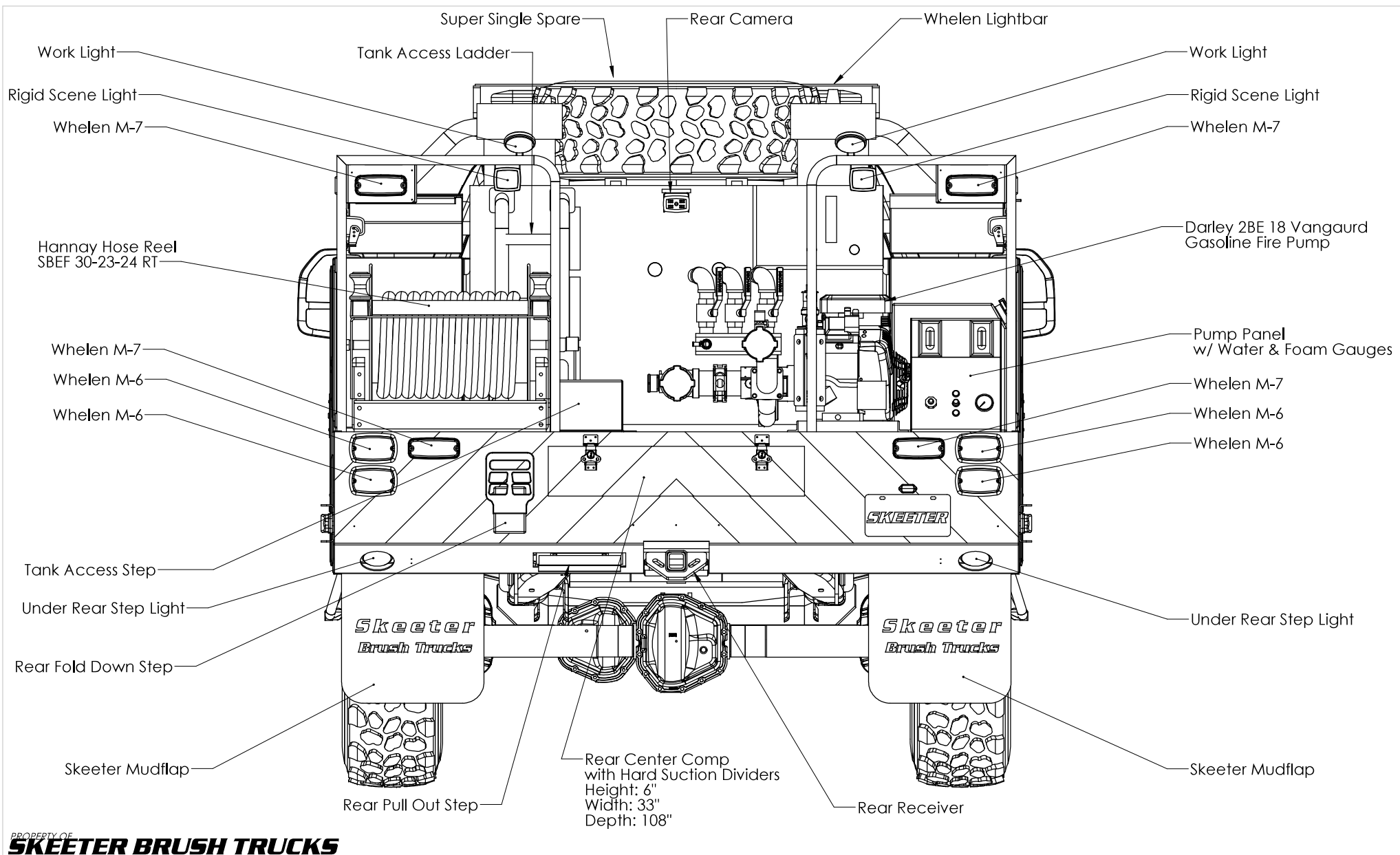
TITLE:

DRIVERS SIDE VIEW

JOB NO. 14596

JOB # 14596

SHEET 3 OF 11



PROPERTY OF
SKEETER BRUSH TRUCKS

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MINOR DETAILS NOT SHOWN

PREPARED FOR:

HFE

DRAWN BY: RUSSELL L.

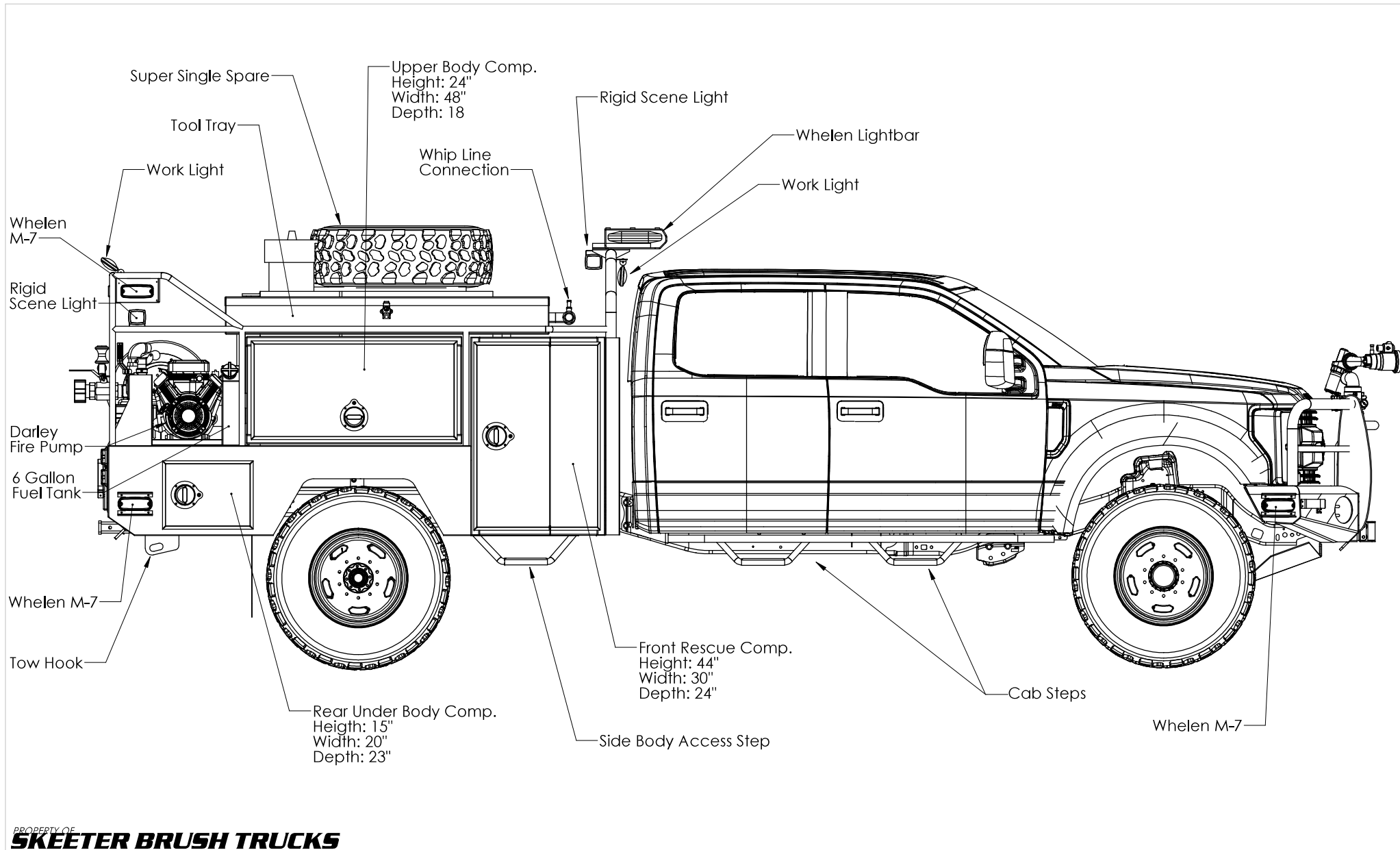
PRINT DATE: 10/6/2020

TITLE:

REAR VIEW

JOB # 14596

SHEET 4 OF 11



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MINOR DETAILS NOT SHOWN

PREPARED FOR:

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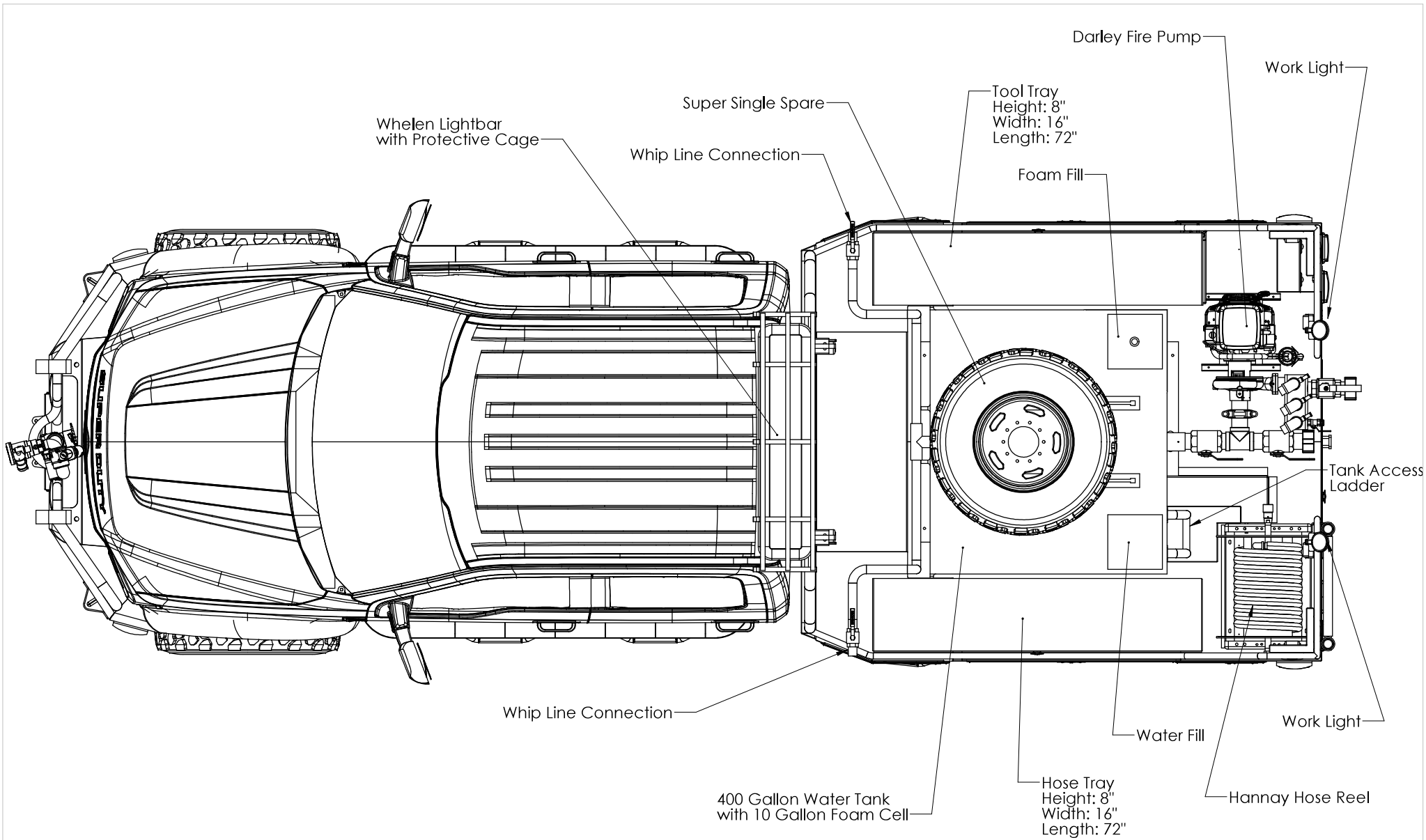
PRINT DATE: 10/6/2020

TITLE:

PASSENGERS SIDE VIEW

JOB # 14596

SHEET 5 OF 11



PROPERTY OF
SKEETER BRUSH TRUCKS

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HFE

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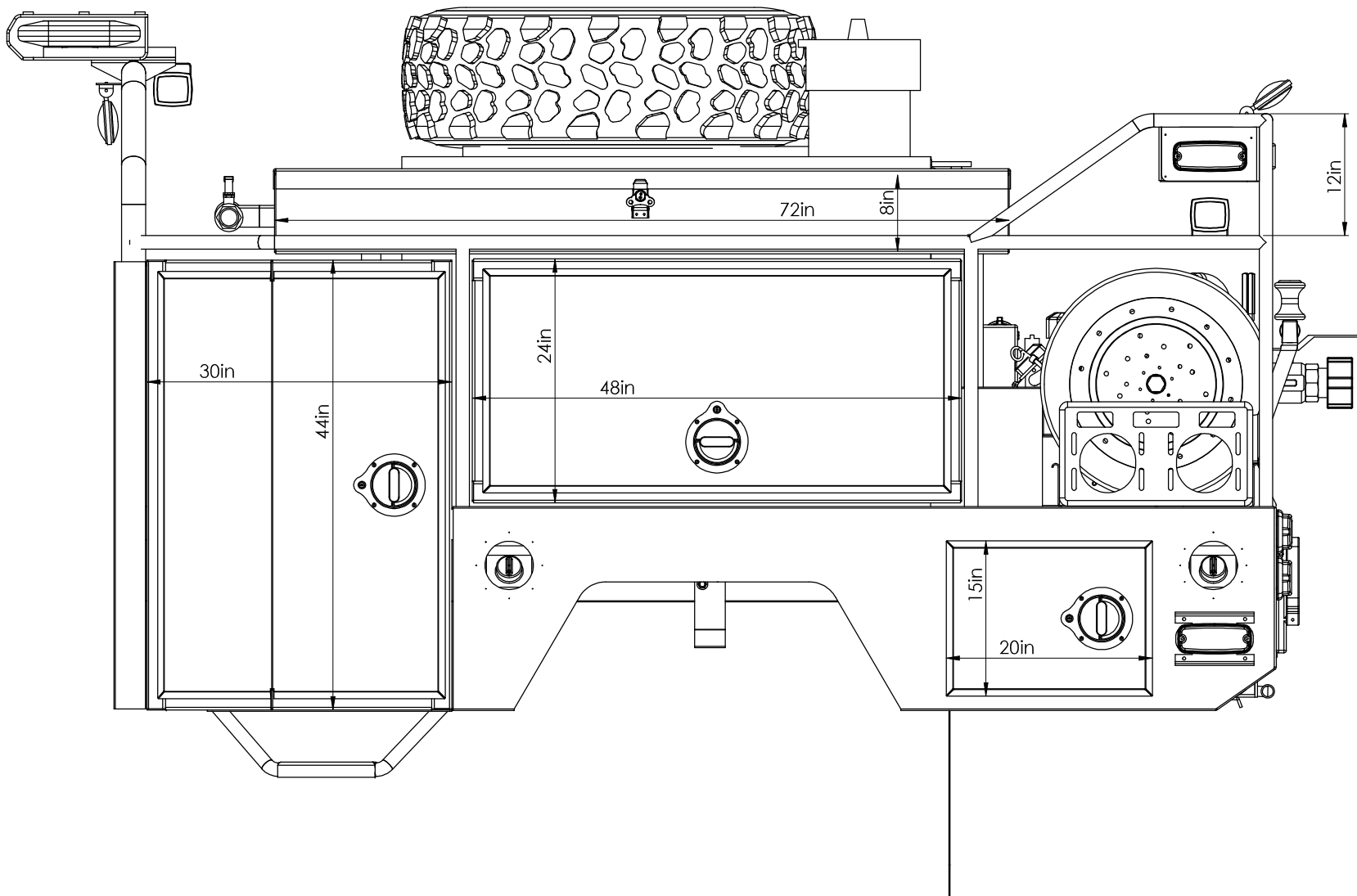
PRINT DATE: 10/6/2020

TITLE:

TOP VIEW

JOB NO. 14596
JOB # 14596

SHEET 6 OF 11



PROPERTY OF
SKEETER BRUSH TRUCKS

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 MINOR DETAILS NOT SHOWN

PREPARED FOR:

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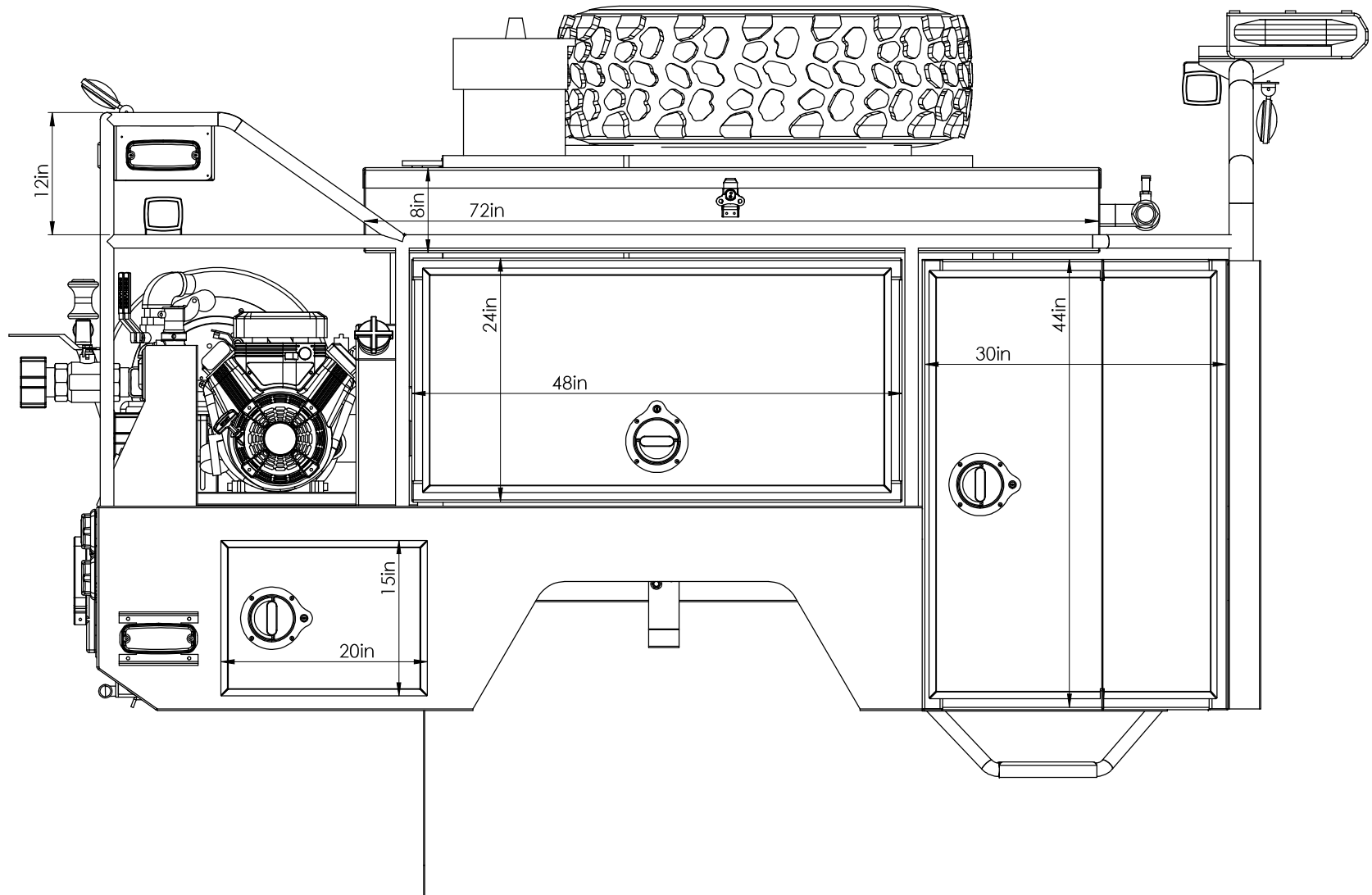
PRINT DATE: 10/6/2020

TITLE:

BED DRIVERS SIDE VIEW

JOB # 14596

SHEET 7 OF 11



PROPERTY OF
SKEETER BRUSH TRUCKS

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 MINOR DETAILS NOT SHOWN

PREPARED FOR:

HFE

DRAWN BY: RUSSELL L.

PRINT DATE: 10/6/2020

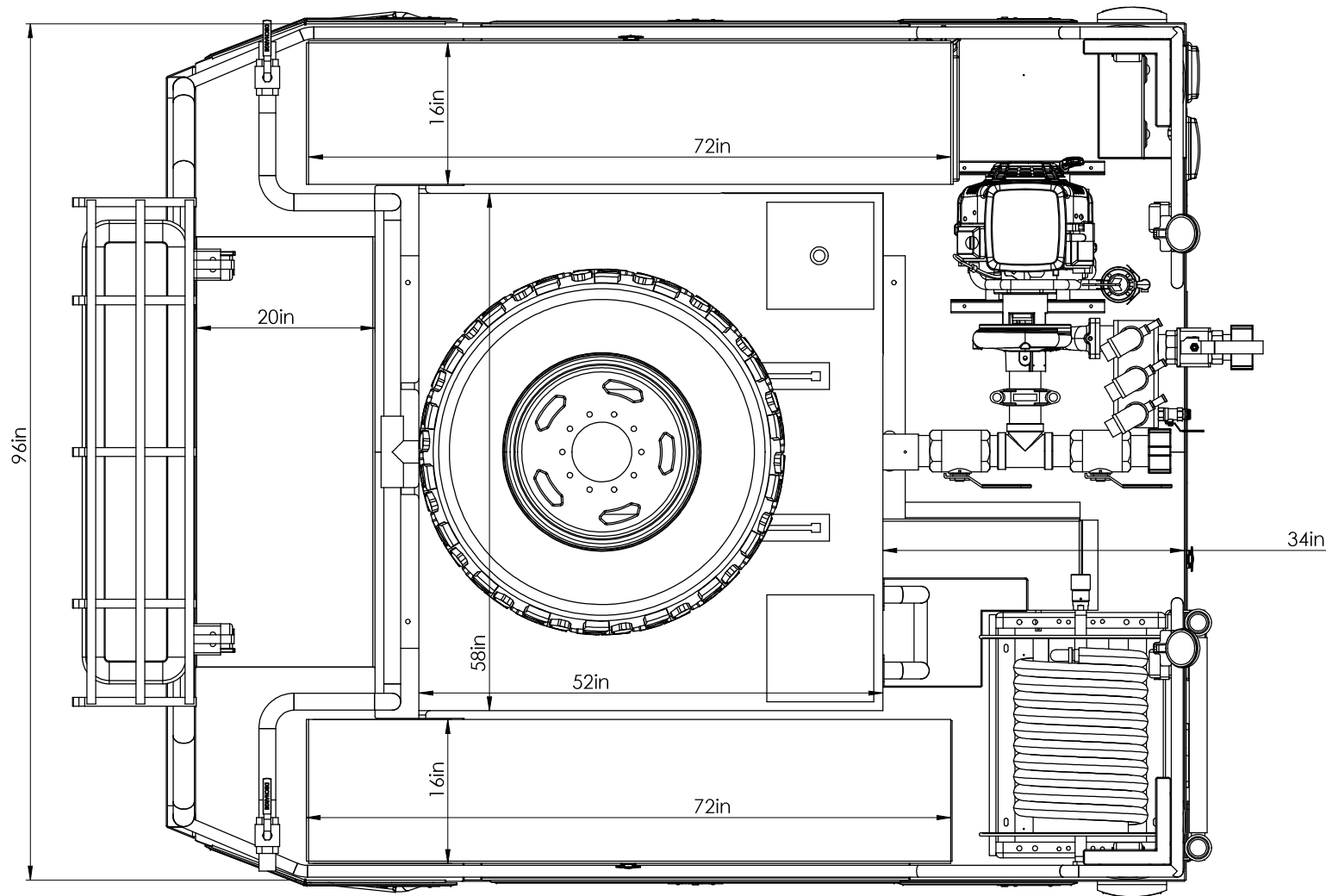
TITLE:

BED PASSENGERS SIDE VIEW

JOB NO. 14596

JOB # 14596

SHEET 8 OF 11



PROPERTY OF
SKEETER BRUSH TRUCKS

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MINOR DETAILS NOT SHOWN

PREPARED FOR:

HFE

DRAWN BY: RUSSELL L.

PRINT DATE: 10/6/2020

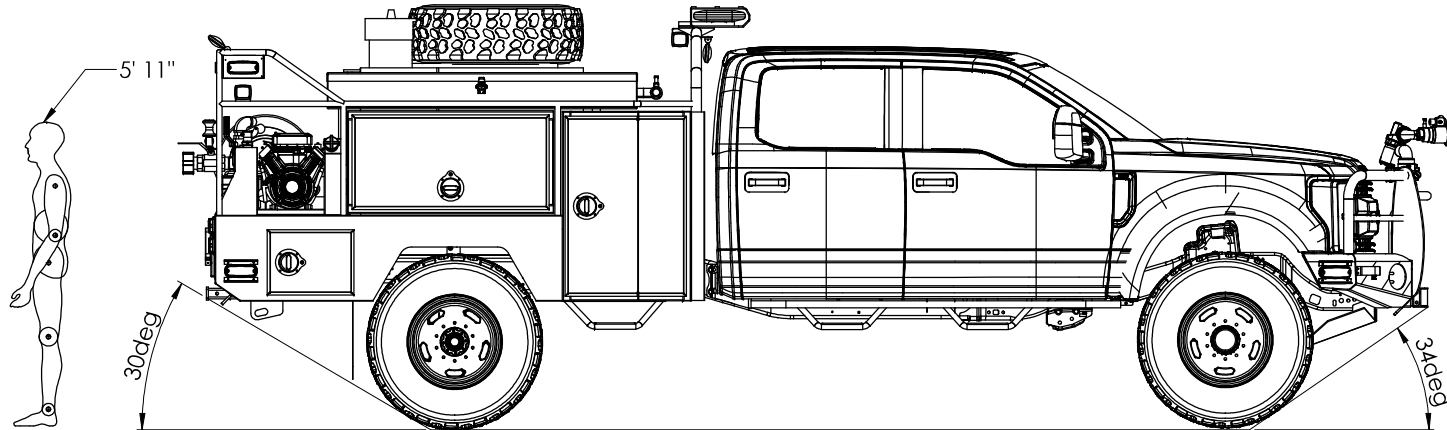
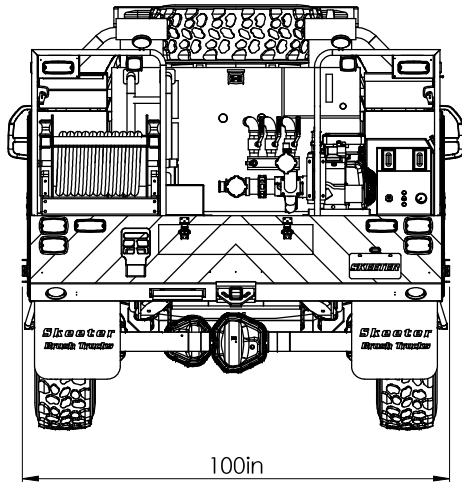
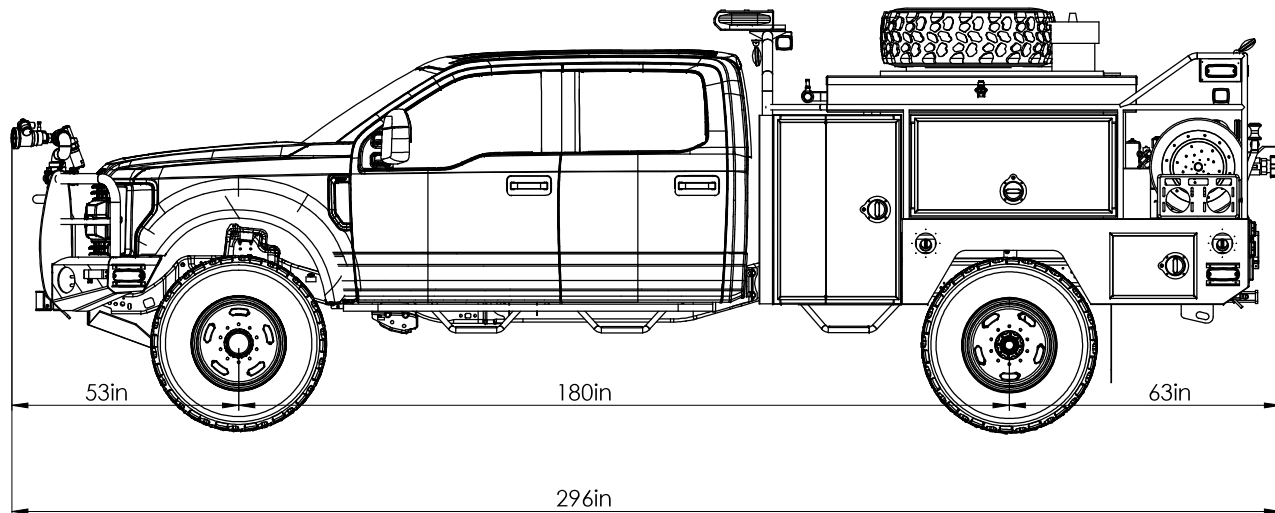
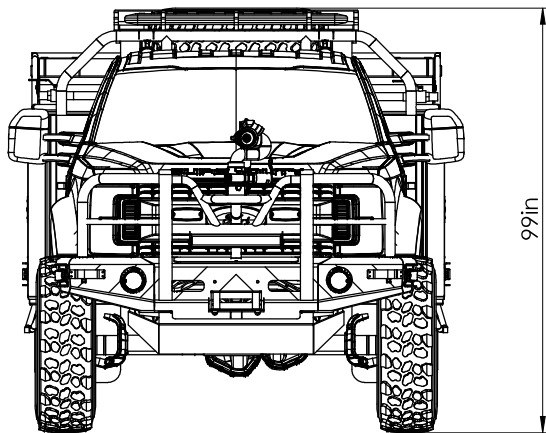
TITLE:

BED TOP VIEW

JOB NO. 14596

JOB # 14596

SHEET 9 OF 11



PROPERTY OF
SKEETER BRUSH TRUCKS

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MINOR DETAILS NOT SHOWN

PREPARED FOR:

HFE

DRAWN BY: RUSSELL L.

PRINT DATE: 10/6/2020

TITLE:

OVERALL DIMENSIONS

JOB # 14596

SHEET 10 OF 11



Specification for:
NWCG Type 5 Wildland Engine
Ford F550 - 4x4 - Diesel - 4 Door
Rescue Side, Alum, 114

JOB # 14596

Submitted To:

HFE
910 Shelley Street Springfield, OR 97477

Specification **5011**, Job No. **14595**
October 13, 2020

Prepared by:
Dennis Waters
Hughes Fire Equipment Inc.

Proposal

We are pleased to submit the following specifications to you for a **Skeeter/Hughes Type 5 Rescue-Side** per your request for quotation. The following paragraphs will describe in detail the apparatus proposed. Loose equipment not specifically requested will not be provided.

Skeeter Brush Trucks, LLC, a wholly owned company of Siddons-Martin Emergency Group, is a custom fire apparatus manufacturer specializing in Brush-Grass-Wildland fire fighting vehicles. Our 22,000 square foot manufacturing facility is located in Hillsboro, Texas and is operated by some of the most experienced wildland firefighting vehicle manufacturing individuals in the business. Our performance and quality minded approach to manufacturing generates some of the most reliable vehicles in the industry, thus yielding a very high return on investment.

Skeeter Brush Trucks, LLC, provides the very best sole source product and service solutions to the fire service. Skeeter Brush Trucks LLC carries \$1,000,000 in liability insurance, with \$3,000,000 in excess umbrella liability insurance. The opportunity to place this Skeeter Brush Truck in your department is greatly appreciated and we are certain it will fulfill your every requirement. We look forward to working for you.

Siddons-Martin Emergency Group sales and service professionals are dedicated and experienced in all aspects of the fire apparatus business. Our core business is the sales and service of fire apparatus.

Service Advantage

Siddons-Martin Emergency Group currently staffs sixteen (16) service centers located throughout Texas, Louisiana, and New Mexico, and maintains a fleet of service vehicles to provide on-site service of your SKEETER Brush Truck. The Siddons-Martin Emergency Group Service Department is dedicated to the fire service and provides service and maintenance exclusively on fire apparatus. Siddons-Martin Emergency Group employs numerous EVT trained technicians and is constantly engaged in continuing factory and EVT training classes and programs in order to stay abreast of the rapidly improving technologies incorporated within today's fire apparatus. SMEG is an authorized sales and service dealer for Pierce Mfg., and an authorized service center for Waterous, Hale, and Darley fire pumps, and an OEM distributor for all major fire equipment accessories.

Construction and Design

Skeeter Brush Trucks body and component designs are engineered. Body construction (unless otherwise noted) is done in-house, using the best in design and materials. RBM's for body frames are among the very highest in the industry. Wiring harnesses are custom manufactured in-house, and meet or exceed OEM standards. All wiring is protected, run through conduit, and distributed through one, easily accessed, sealed control box.

Chassis Operation Manual

The chassis manufacturer shall provide one (1) operational manual.Â This manual may be in either a notebook type binder, with reference tabs or a compact disk (CD) with all of the printed material in an electronic format (Adobe Acrobat PDF).

Fire Pump Operational Manual

A fire pump service, instruction, and operational manual shall be supplied.Â This manual may be in either a notebook type binder, with reference tabs or a compact disk (CD) with all of the printed material in an electronic format (Adobe Acrobat PDF).

Foam System Operational Manual

A foam system service, instruction, and operational manual shall be supplied.Â This manual may be in either a notebook type binder, with reference tabs or a compact disk (CD) with all of the printed material in an electronic format (Adobe Acrobat PDF).

Apparatus Operational Manuals

The chassis manufacturer shall provide one (1) operational manual. This manual may be in either a notebook type binder, with reference tabs or USB thumb drive with all of the printed material in an electronic format (Adobe Acrobat PDF).

100044.1 - PAINT

1. Cab Color: Red
2. Cab Secondary Color: N/A
3. Description: Solid Red

100026.1 - CHASSIS SPECIFICATIONS

One (1) FORD F-550, two axle drive 4x4, dual rear wheels (DRW), four (4) door, XL, Crew Cab chassis

Wheelbase: 180"

Grille: black

Tow Hooks: front loops

Driving Front Axle and Suspension: 7,500# HD front package, 7,500# suspension package, stabilizer bar, front shocks, manual hubs

Tires: two (2) front tires shall be 225/70R19.50, radial all weather/off road tread

Front Wheels: two (2) 19.50" x 6.00" steel disc, ten (10)-hole pattern steel disc wheels

Rear Axle and Suspension: 14,706# wide track rear axle, 14,706# suspension package, stabilizer bar,

Differential Gears: 4.88 Gears, Limited slip Rear Differential

Tires: four (4) 225/70R19.50 radial all weather/off road tread

Rear Wheels: four (4) 19.50" x 6.00" steel disc, ten (10)-hole pattern steel disc wheels

Braking System: four (4) wheel disc brake system with an Anti Lock (ABS)

Electronic Shift on the Fly: The chassis shall be equipped with an electronic shift transfer case. The front axle hubs shall be auto locking, with a manual backup feature.

Engine:

- Model: Power Stroke 6.7 turbo-charged diesel
- Number of Cylinders: Eight (8) "V" configuration
- Displacement: 6.7 liters
- Rated Brake Horsepower: 330 at 2800 rpm
- Rated Torque: 770 ft lbs
- Turbocharger

High Idle Control

Cooling System: a coolant mixture protected to -30 degrees Fahrenheit

Exhaust System: horizontally mounted, discharge on passenger's side aft of wheels

Fuel Tank: 40 gallon rear mounted, driver's side filler extension

DEF Tank:

Transmission: Ten speed automatic

Chassis PTO Output: The chassis transmission shall be equipped with the factory PTO output provision.

Steering: power steering system

Batteries: two (2) 78 amp-hr 750CCA 12-volt batteries

Alternator: single 220 amp 12 volt

Cab Construction: XL Series four (4) door aluminum construction, sun visors, tinted glass, roof clearance lights, grab handles interior

Mirrors: black manually telescope fold-away in/out for view adjustment.

Air bags front and air curtains side

Climate Controls: controls for heat, defroster, and air conditioning

Window and Door Controls: manual

Air Bags: driver's and passenger's front, seat side, and side curtain

Cab Instruments: standard type, six (6) rocker switches

Drivers and Passenger Seat: 40/20/40 vinyl bucket type seats with three (3) point safety harness. center flip down seat back. Split fold down rear seats

Printed Manuals: one (1) printed chassis operation manual

Cab Accessories: AM/FM radio, two radio speakers and antenna

Operator Controlled Manual Regen System

Jack and Lug Wrench Set

Color: Ford Race Red

203807.1 - 60" CAB TO AXLE

The chassis Cab to Axle measurement shall be 60".

100037.1 - POWER PACKAGE

The chassis shall be equipped with power locks, windows, and heated power mirrors.

203918.1 - FLEET/GOVERNMENT INCENTIVE DISCOUNT

*** NOTE*** Pricing quoted is contingent upon the end user (customer) filing for and receiving OEM Fleet/Government Pricing Number.

*** FAILURE BY THE CUSTOMER TO RECEIVE THE OEM FLEET/GOVERNMENT PRICING NUMBER WILL RESULT IN FULL LIST PRICE BEING CHARGED FOR THE CHASSIS ***

100046.1 - CHASSIS SUSPENSION SYSTEM

A 6" heavy duty, 4 link, off road suspension lift kit with heavy-duty off road shocks shall be installed on the Ford chassis. The system is designed to significantly increase wheel travel, in addition to giving the chassis increased ground clearance.

NOTE: THE END USER MUST BE AWARE THAT LIFTING THE CHASSIS AND ADDING LARGER TIRES WILL ALTER THE VEHICLES CENTER OF GRAVITY. THIS WILL AFFECT THE VEHICLES HANDLING CHARACTERISTICS.

IN ADDITION, THE LARGER TIRES WILL AFFECT STOPPING DISTANCE. THE SYSTEM IS NOT RECOMMENDED FOR VEHICLES THAT OPERATE PRIMARILY IN AN ON ROAD ENVIRONMENT. THE SYSTEM IS HIGHLY RECOMMENDED FOR VEHICLES THAT OPERATE IN OFF ROAD OR ROUGH TERRAIN ENVIRONMENTS.

DUE TO THE LARGER TIRES A VEHICLE SPEED SENSOR CALIBRATOR WILL BE INSTALLED TO RE-CALIBRATE THE SPEEDOMETER TO ACCOMMODATE THE LARGER TIRES.

TURNING RADIUS MAY BE REDUCED (if needed) 1-3 DEGREES TO PREVENT TIRE RUB.

100048.1 - FRONT AND REAR SUPER SINGLE TIRES AND WHEELS

There shall be four (4) super single front and rear tires, There shall be 335/80R20 22PR, severe service radial all terrain tread. The tire weight rating shall be load range "M" (22 ply, 6780 lbs), and the speed rating shall be "K" (68 mph).

There shall be four (4) wheels for the front and rear tires. There shall be 20" x 11.00" disc, ten (10)-hole pattern special order for Military/Government on/off road application with a rating to match or exceed the tire rating.

100053.1 - SPARE SUPER SINGLE TIRE AND WHEEL

There shall be one (1) super single spare tire. It shall be 335/80R20 22PR, severe service radial all terrain tread. The tire weight rating shall be load range "M" (22 ply, 6780 lbs), and the speed rating shall be "K" (68 mph).

There shall be a 20" x 11.00" disc, ten (10)-hole pattern special order wheel for Military/Government on/off road application with a rating to match or exceed the tire rating.

100055.1 - MOUNTING SPARE TIRE AND WHEEL

The spare tire and wheel shall be mounted on top of the water tank.

100062.1 - FRONT BUMPER

The factory bumper shall be removed and replaced with a custom fabricated, heavy duty aluminum bumper and grille guard protection assembly.

BUMPER SHALL BE DA FINISH

100058.1 - REAR MUD FLAPS

The chassis shall be supplied with mud flaps with the manufacturer's logo. The mud flaps shall be installed behind the rear wheels.

100063.1 - FRONT BUMPER SKID PLATE 1/4"

A 1/4" (0.25") aluminum skid plate will be installed from the bumper area extending below the bumper and chassis radiator area.

100065.1 - TRANSFER CASE SKID PLATE, LONG

A removable heavy .250" aluminum skid plate assembly shall be installed to protect the oil pan and transfer case.

100111.1 - CAB STEPS

The cab shall be equipped with steel step assemblies, on each side of the cab. There shall four (4) stirrup steps mounted two (2) each side on the cab steps. They shall be installed in the best location to allow easy access to the cab.

100086.1 - CUSTOM FABRICATED CONSOLE AND SWITCH PANEL

A custom fabricated poly (plastic) electrical console and enclosure shall be located between the driver's and passenger's seats. It shall house the siren, switches, cup holder, and auxiliary equipment.

100543.1 - 12 VOLT POWER SOURCES

Three (3) 12 volt plug-in utility power outlets rated at 15 amps shall be provided in cab.

LOCATIONS: Determined at preconstruction.

Winched to be replaced with a Warn Model 16.5TI-S Heavy Weight Winch 97740 per discussions with B. Callaway.

100081.1 - WINCH -- FRONT MOUNTED

A Warn Winch Company Model M15000 PN47801 15,000# capacity 12-volt electric powered winch shall be permanently installed at the front center bumper extension area . The unit shall include the following:

- a) 3.86 feet per minute pulling speed at 15,000# rated load
- b) 440 amps at full capacity
- c) Cable roller guide assembly
- d) 90 feet of 7/16" diameter galvanized cable and fairlead & safety hook assembly shall be supplied.
- e) Winch speed shall be constant with forward and reverse modes controlled with a push button device at the end of a 12 feet (12') minimum control cable which connects to the winch through a weatherproof receptacle.

100178.1 - REAR RECEIVER

The rear of the chassis shall be equipped with one (1) square steel tube receiver assembly for high or low angle rescue, trailer use, and winch applications. It shall be the same size as a Class III trailer hitch and shall be attached to the chassis frame assembly. The receiver shall be rated at approximately 10,000#.

The rear receiver assembly shall be equipped with two (2) heavy duty rear tow loops, one (1) each side.

100550.1 - FIRE PUMP SPECIFICATIONS

A Darley model number 2 BE 18 Vanguard gasoline powered centrifugal pump shall be installed. The medium pressure, high volume pump, direct drive, engine mounted shall meet the following performance requirements:

375 GPM @ 25 PSI

300 GPM @ 45 PSI

100 GPM @ 140 PSI

Pump Design

Pump casing shall be of anodized aluminum and vertically split, with a minimum tensile strength of 33,900 PSI - bronze-fitted. Pump ratio to be selected by the manufacturer's Engineering Department. Seal rings shall be renewable, double labyrinth, wrap around bronze type. Bearings are to be heavy duty, deep groove, radial-type ball bearings, oversized for long life. Bearings to be protected at all openings from road dirt and water splash with oil seals and water slingers.

The pump unit shall be supplied with a control panel for remote mounting, panel light, hour meter / tachometer, pressure gauge, on/off ignition switch, and a low oil pressure light, engine choke, engine throttle

Mechanical Seal

The pump shall be furnished with a Darley maintenance free mechanical seal. The mechanical seal shall be a non-contacting, non-wearing seal design. Seal shall be a Silicon Carbide Mechanical seals with welded springs. The stationary face of mechanical seals shall be made from Silicon Carbide, and be extremely hard and of a heat dissipative material, which resists wear and dry running damage much better than conventional Ni-resist and Tungsten Carbide materials

Pump Shaft

Pump drive shaft shall be precision ground, heat treated alloy steel, with a 1-3/8 spline. Gears shall be helical design, and shall be precision ground for quiet operation and extended life. The pump shaft shall be splined to receive broached impeller hubs, for greater resistance to wear, torsional vibration, and torque imposed by engine, as well as ease of maintenance and repair. Pump shaft to be precision-ground 416 stainless steel.

Impeller

The impeller shall be a high strength bronze alloy, splined to the pump shaft for precision fit, durability, and ease of maintenance.

Impeller shaft oil seals shall be constructed to be free from steel components except for the internal lip spring. The impeller shaft oil seals shall carry a lifetime warranty against damage from corrosion from water and other fire-fighting fluids.

Exhaust-Type Primer

The mufflers are coated with High Temp Powder Coat. The primer bodies are bronze with stainless steel components. The outlet of the primer is equipped with a 1.5" male NPT . Is easily operated via push-pull control wire connected to an internal butterfly valve. The venturi components are sized for the most efficient priming time and height possible utilizing the exhaust pressure available from the engine. Significantly lighter than a 12V electric primer. Requires much less physical effort by the operator than a mechanical hand primer.

Dimensions & Weight

27"L x 21"W x 25"H, 145lbs (66kg)

Suction 3" NPTF

Discharge (2) 1.5" NPTF and (1) 2.5" NPTF

Documentation

Pump Warranty/Guarantee to be included with each proposal. Pump warranty shall be for three (3) years or 3,000 hrs. Additional details about the warranty can be found in the Skeeter user's manual of this vehicle.

Engine

The pump shall be powered by an 18 horsepower, Briggs and Stratton Vanguard gasoline engine with a 16 amp regulated alternator and 12 volt electric starter with a backup recoil starter. A 6 gallon plastic fuel tank shall be supplied.

100423.1 - THERMAL RELIEF UNIT

There shall be a Trident model brass thermal relief valve installed in the manifold allowing auto dump at 143° water temperature. The thermal relief valve shall auto close at 118° water temperature. There shall be a hose directing water under the body, but in a location visible by the pump operator.

100272.1 - STAINLESS STEEL PLUMBING SYSTEM

The auxiliary fire pump plumbing system shall be built mostly of stainless steel piping, fittings, and connections. Victaulic couplings shall be installed to permit flexing of the plumbing system and allow for quick removal of piping or valves for service. Tank connections and remote plumbing shall use high-pressure flexible piping. Flexible hose couplings shall be threaded stainless steel or Victaulic connections.

100285.1 - VALVES

All valves used in the plumbing installation shall be stainless steel quarter turn full flow type.

The plumbing installation shall include quarter turn ball valves with local "on-valve" handle control, with custom embossed labeling for each valve.

100483.1 - HOSE THREADS

The hose threads shall be National Hose Standard (NH) on all base threads on the apparatus intakes and discharges, unless otherwise specified.

100263.1 - EXHAUST SYSTEM

The auxiliary fire pump and engine assembly shall have a muffler and vertical exhaust pipe. The exhaust pipe shall be directed upward and away from the pump operator. A rain cap will be installed on the vertical exhaust outlet.

100440.1 - MUFFLER AND EXHAUST PRIMER

The pump shall be equipped with an exhaust venture primer of brass and stainless steel construction. The primer shall be capable of 20 inches of mercury vacuum. The primer shall be actuated with a spring return, single control lever located at the operator's panel. The primer to pump line shall be equipped with an automatic check valve for priming from an open body of water and a manual shut-off for pumping from a pressurized water source.

100265.1 - PUMP CONTROL PANEL ENCLOSURE

A pump panel enclosure shall be installed. The enclosure shall be fabricated of .125" aluminum with a DA finish, bolted in place with a pump instrument panel installed.

An engine and pump control panel shall be installed in the pump panel enclosure. The following shall be on the pump panel:

2.5" discharge pressure gauge
start/stop control
throttle control
low oil pressure warning light

The pump control panel shall be installed at the passenger's side rear corner of the body.

100418.1 - REMOTE PUMP CONTROL PANEL IN CAB, GAS PUMP

The cab shall be equipped with secondary remote electrically controlled pump instrument control in the cab. There shall be a remote pressure gauge, start/stop switch, and electronic throttle control.

NOTE: ***GAS PUMPS ONLY***

Aux fuel tank drain to be added at factory per discussions with B. Callaway.

100269.1 - FUEL TANK

A stainless steel custom built remote fuel tank shall be installed for the auxiliary fire pump assembly at the rear of the apparatus. The fuel tank shall be bolted both the the bed and aft bulkhead of the upper body compartment. The fuel tank shall have capacity of approximately six (6) gallons. There shall be a fuel hose with plug in connections furnished between

the fuel tank and carburetor assembly for the auxiliary pump.

100256.1 - ELECTRIC START WIRING TO CHASSIS

The 12 volt positive and negative cables shall be provided from the chassis battery to the fire pump area, wired through the master disconnect solenoid system. The cables shall have a circuit breaker installed at the chassis battery.

100255.1 - AUXILIARY FIRE PUMP MOUNTING PROVISIONS

The auxiliary fire pump shall be installed at the passenger's side rear of the body. The sub-structure shall have welded in mounting sub-plates between the structural members.

100254.1 - PUMP ENGINE OIL DRAIN

The fire pump engine shall have an oil drain line installed. It shall allow for easy oil draining.

100253.1 - FIRE PUMP MASTER DRAIN

The fire pump shall have a master drain at the bottom of the water pump housing.

100273.1 - FRONT BUMPER MANIFOLD SUPPLY

There shall be an 1.5" stainless steel valve, with a flexible supply hose installed to feed the front discharge manifold.

100270.1 - 2-1/2" GATED INTAKE -- REAR

One (1) 2-1/2" gated suction intake shall be installed on rear area to supply the fire pump from an external water supply. The valve shall be controlled with a direct quarter-turn ball valve control handle and shall have 2-1/2" NH female thread with removable screen with plug.

100284.1 - TANK TO PUMP LINE INSTALLATION

The 3" tank to pump line shall be installed with a flexible hump hose connection and stainless steel clamps to the water tank. The 3" valve shall be controlled with a manually operated handle directly on the valve.

100281.1 - WATER TANK FILL AND COOLING LINE

One (1) 1" fire pump to water tank refill and bypass cooler line shall be provided. The pump to tank valve shall be a 1" full flow quarter turn ball valve with local control handle. A 1" flex hose shall be installed to the water tank.

100278.1 - 3/4" GARDEN HOSE DISCHARGE -- REAR

One (1) .75" garden hose discharge shall be installed on the rear pump area, controlled by a quarter turn ball valve with local control handle. The discharge shall have a .75" male garden hose threads and cap.

100274.1 - 2-1/2" DISCHARGE -- REAR

One (1) 2-1/2" discharge shall be installed at the rear pump area, controlled by a quarter turn ball valve. The discharge shall have 2-1/2" NH male hose threads. The discharge shall be equipped with 2-1/2" female x 1-1/2" chrome plated brass reducer, 1-1/2" chrome cap and chain.

100441.1 - FRONT OF BODY DISCHARGE (THROUGH THE TANK)

A 1.5" discharge shall be piped from the rear pump area to the front on the body. A 1.5" master control valve shall be installed at the rear pump manifold area with direct control handle. Two 1" valves shall be installed at the front of the water tank.

100288.1 - HOSE REEL

One (1) Hannay aluminum hose reel shall be installed. The reel shall have leak proof ball bearing swing joint, adjustable friction brake, electric 12 volt rewind and manual crank rewind provisions.

The reel shall be mounted on the driver's side rear corner of the flatbed body.

100291.1 - REEL CAPACITY

Each hose reel shall have a capacity of 200 feet of hose.

100295.1 - HOSE REEL DISCHARGE

One (1) 1" discharge shall be piped from the fire pump to each hose reel with flexible high pressure hose. The quarter turn ball valve shall be on manifold.

100302.1 - NOZZLE MOUNT

Each 1" flexible hose discharge shall have a nozzle bracket installed to hold the nozzle in place.

100299.1 - HOSE REEL HOSE

One (1) 150' foot length of Reel-lite 1" water hose shall be installed on the hose reel. The hose shall be equipped with NH threaded couplings and have a 300 PSI working pressure.

100303.1 - HOSE REEL ROLLER

Each hose reel shall be provided with a Hannay top mounted stainless steel roller assembly.

100280.1 - GROUND SWEEP DISCHARGES -- FRONT BUMPER

Two (2) ground sweep discharge nozzles shall be installed, one each side of the front bumper. Each nozzle shall have a 1" electric control valve, switched independently in the cab. The discharges shall be equipped with removable ground sweep nozzles angled accordingly with a 180 degree total front sweep pattern. The flow rate shall be 15-30 gpm.

Each nozzle shall have a custom fabricated brush guard installed to protect from damage when off road. The valves and manifold shall be protected from damage by the front bumper and skid plate.

One (1) 1.5" front bumper ground sweep discharge shall be piped to the front bumper area. The discharge shall be controlled by a 1.5" manual override valve at the rear pump area. Flexible 1.5" diameter high pressure hose shall be provided from the pump to the sweep nozzles with low point drains where necessary.

100279.1 - FRONT BUMPER MONITOR

One (1) Akron 3462 Forestry Monitor with quick disconnect (34621103, FM 2NPTX1.5NH, 12V, 125NZ, JY, QD, VLV, RED) shall be installed. The remote monitor shall be located on the front bumper of the apparatus. The monitor shall be an all-electric single waterway monitor constructed of lightweight Pyrolite, with a 2" electric valve.

The monitor shall have a fully enclosed 12-volt motor and gears with a manual override for both horizontal and vertical rotation and may be operated simultaneously. The vertical travel shall be from 45-degrees below to 90-degrees above horizontal with adjustable stops at -20 degrees and +45 degrees. The horizontal rotation shall be 320-degrees with adjustable stops at +-90-degrees.

The logic box shall include coated, solid state components to resist water corrosion. The control joystick shall control the vertical and horizontal rotation of the monitor and the pattern of the nozzle.

The nozzle shall be 30-125 gpm adjustable.

The Akron monitor shall include a weather-tight enclosure and joystick controls mounted on the center cab console area. The joystick control shall include a valve trigger and following controls functions:

Water Valve: ON/OFF

Monitor: RIGHT/LEFT

Monitor: UP/DOWN

Pattern Control: STRAIGHT/FOG

100374.1 - MID BODY WHIP LINES

Two (2) 1" x 8 feet long 300# working pressure hose whips with threaded couplings shall be installed at front of body, one each side, with securement devices.

100259.1 - CLASS A FOAM SYSTEM

A Scotty Model #4171 Class A through-the-pump foam system shall be installed to supply all discharges. The unit shall be mounted at the rear of the apparatus, within easy reach of pump operator. The unit shall be adjustable, permitting various foam ratio percentages to be educted depending on the nozzles in use. Foam selection percentages between .07 and 3% shall be available. The foam system has been designed for simplicity of operation and maintenance. A flush system will be installed.

MAXIMUM WORKING PRESSURE: 300 PSI

100226.1 - WATER TANK GAUGES

One (1) Class 1 "Intelli-Tank" water tank level gauge shall be installed on pump panel. The tank level gauge shall indicate

the liquid level on an easy to read LED display and show increments of 1/8 tank. A pressure transducer shall be mounted on the outside of the tank in an easily accessible area.

CAB MOUNTED -

One (1) Class 1 112124 "Intelli-Tank" mini water tank level gauge shall be installed in the cab or center console. The tank level gauge shall indicate the liquid level on an easy to read LED display and show increments of 1/4 tank.

100200.1 - WATER TANK SPECIFICATIONS

The water tank shall have a capacity of 400 gallons.

100203.1 - TANK BUILD SPEC

The water tank shall be constructed of black polypropylene, poly-welded and tested inside and out. The tank manufacturer shall define the floor, top, sides, ends, and baffles material thickness. The tank shall carry a lifetime warranty.

The transverse and longitudinal swash partitions shall be interlocked and welded to each other as well as to the walls of the tank. The partitions shall be designed and equipped with vent holes to permit air and liquid movement between compartments. The tank covers shall be welded on top and bottom, and the transverse partitions, providing rigidity during fast fill operations. Drilled and tapped holes for lifting eyes shall be provided in the top area of the water tank.

The water tank manufacturer shall certify the capacity of the water tank prior to delivery of the apparatus. This capacity shall be recorded on the manufacturer's data plate.

100205.1 - NFPA COMPLIANCE

The water tank construction shall conform to applicable NFPA standards.

100207.1 - FILL TOWER LOCATION

The tank fill tower shall be located in the driver's side rear corner of the water tank.

100209.1 - VENT AND OVERFLOW

The fill tower shall incorporate a vent and overflow system shall be designed into the water tank. The system shall include a 3" diameter pipe that functions both as an air vent while emptying the tank and as an overflow when filling the tank. The overflow shall discharge excess water below the frame rails of the vehicle.

100215.1 - PUMP TO TANK CONNECTION

An 1-1/2" connection shall be provided on the water tank for connection of the discharge side of the pump to the tank for filling purposes. The valves and hose required to complete this connection shall be supplied by the final assembler.

100216.1 - WATER TANK DRAIN PLUG

A 1.5" drain plug shall be installed in the bottom of the water tank under P/S wheel well for water tank draining and flush-out of debris.

203831.1 - TANK ACCESS LADDER

There shall be a tank access ladder installed at the rear of the water tank. It shall allow access from the body deck to the top of the water tank. It shall be made of 1" tubular aluminum.

100227.1 - FOAM TANK SPECIFICATIONS

The Class A foam tank shall have a capacity of 10 gallons.

100232.1 - FOAM TANK AND VENTING PROVISIONS

The foam concentrate tank shall be provided with a fill pipe having a volume of not less than 2 percent of the total tank volume. The filler opening shall be capped with a sealed air-tight threaded cover. The fill opening shall be designed to incorporate a removable screen and shall be located so that foam concentrate from a five (5) gallon container can be dumped into the tank.

The foam tank filler shall be equipped with a pressure/vacuum vent that enables the tank to compensate for changes in pressure or vacuum when filling or withdrawing foam concentrate from the tank. The pressure/vacuum vent shall not allow atmospheric air to enter the foam tank except during operation or to compensate for thermal fluctuations. The vent shall be protected to prevent foam concentrate from escaping or directly contacting the vent at any time. The vent shall be of sufficient size to prevent tank damage during filling or foam withdrawal.

A color coded label or visible permanent marking that reads "CLASS A -- FOAM TANK FILL" shall be placed at or near the foam concentrate tank fill opening. An additional label shall be placed at or near any foam concentrate tank fill opening stating the type of foam concentrate the system is designed to use.

Any restrictions on the types of foam concentrate that can be used with the system shall also be stated, along with a warning message that states "WARNING: DO NOT MIX BRANDS AND TYPES OF FOAM."

100233.1 - FOAM SYSTEM PIPING

A 3/4" fitting shall be provided on the foam tank for connection of the foam tank to the suction side of the foam system.

100235.1 - FOAM TANK DRAIN AND VALVE PROVISIONS

A 3/4" diameter connection, piping, and valve shall be installed for the foam tank for draining purposes.

100239.1 - FOAM TANK GAUGES

One (1) Class 1 foam tank level gauge shall be installed on pump panel. The tank level gauge shall indicate the liquid level on an easy to read LED display and show increments of 1/8 tank. A pressure transducer shall be mounted on the outside of the tank in an easily accessible area.

CAB MOUNTED

One (1) Class 1 112124 Intelli-Tank" mini foam tank level gauge shall be installed in the cab or center console. The tank level gauge shall indicate the liquid level on an easy to read LED display and show increments of 1/4 of a tank.

100549.1 - CUSTOM RESCUE SIDE ALUMINUM BODY

The body will be a custom fabricated severe service rescue-side type, constructed of all aluminum. The body shall be 114" long by 96" wide, designed for a 60" cab to axle dimension. The body shall be specifically designed and engineered for off-road wildland firefighting.

MAIN FRAME

The body shall have 5" x 1.75" structural aluminum channel main frame rails. The body frame rails shall be isolated from the truck frame by .500" industrial isolators.

SUB-FRAME

The cross-members shall be 3" x 2 5/16" structural aluminum I beams with cross-members on 12" centers.

MOUNTING

The body shall be bolted to the chassis frame rails at the rear end of the frame. There shall be brackets installed at the middle of the body frame to prevent side to side movement. The body shall be spring mounted at the front of the body frame. The flexible mounting system shall allow for body/chassis flexing during extreme off road conditions.

SQUARE CORNERS

The front corners of the flat-bed body shall be square.

HEADACHE RACK

The front of the body shall have a 2" formed aluminum tube headache rack. The rack shall extend the full width of the body and be attached to the front body corners. The assembly shall extend above the chassis cab and have mounting platform for installation of the light bar and two work lights. Wiring for the lights will be placed inside the tubing for protection. The headache rack shall have four (4) vertical 2" tubes for extra strength.

FENDER PANELS

The lower portion of the flat-bed body shall have fender panels over and aft of the rear wheel panel area. The panels shall be constructed of aluminum. The wheel well openings will be cut out to conform to the wheels.

REAR BODY PANEL

A vertical body panel shall be installed at the rear of the body constructed of .125" smooth aluminum. The panel shall house the running lights, taillights, back-up lights, and emergency lights. The body panel shall be angled to allow for a 27 degree angle of departure.

PROTECTIVE RAILS

The upper body area shall be protected with radius corner 1" diameter aluminum tube railing assembly installed around the top of the body. The corners of the body shall have vertical risers space in critical areas. The railings shall act as protection for the upper body structures when off road in heavy brush conditions. The rear upper body corner rails shall house the

upper emergency lights and work lights.

SIDE BODY COMPARTMENTS, FRONT BODY -- DRIVER AND PASSENGER'S SIDES

Two (2) body equipment storage compartments shall be installed at the front of the body just behind the headache rack, one each side of the apparatus. The dimensions shall be approximately: 30" wide, 44" high, and 24" deep. The compartments shall be constructed of .125" aluminum on all exterior surfaces. Each compartment shall be equipped with a vertically hinged door with a single latch installed. The doors shall be equipped with gas operated door opening assistant cylinders.

Each vertical compartment shall have one (1) fixed shelf.

The compartments shall be equipped with:

- a lift up door with latch installed
- key type door locks.
- dual gas operated door opening assistant cylinders.
- a white LED strip light that is automatically controlled by a door activated switch.
- a louvered vent
- Turtle Plastics Turtle Tile Compartment Matting shall be installed in the compartment. Turtle Tile shall be black in color and lock together design.

The actual door openings shall be approximately 3" smaller in dimension.

203802.1 - DIAMOND PLATE FINISH BODY AND COMPARTMENTS/TRAYS

The exterior surface of all body skins, compartments, and trays shall all be polished diamond plate aluminum finish.

100121.1 - ANGLED CORNERS, BODY

The front corners of the body will be angled at approximately 22 degrees.

100141.1 - FRONT BODY TRANSVERSE COMPARTMENT, UPPER

A transverse compartment 96" long x 18" wide x 24" high (exterior dimensions) will be installed in front of the water tank, on the body floor, between the vertical compartments. The compartment floor shall be lined with Turtle Tile.

100144.1 - DRIVERS SIDE UPPER BODY COMPARTMENT

A body equipment storage compartment shall be installed on the flatbed surface, driver's side of the apparatus. The exterior dimensions shall be approximately 48" wide, 24" high, and 18" deep. The compartment shall be constructed of .125" aluminum on all exterior surfaces.

The compartment shall be equipped with:

- a lift up door with latch installed
- key type door locks.
- dual gas operated door opening assistant cylinders.
- a white LED strip light that is automatically controlled by a door activated switch.
- a louvered vent
- Turtle Plastics Turtle Tile Compartment Matting shall be installed in the compartment. Turtle Tile shall be black in color and lock together design.

The actual door opening shall be approximately 3" smaller in dimension.

100148.1 - PASSENGERS SIDE UPPER BODY COMPARTMENT

A body equipment storage compartment shall be installed on the flatbed surface, driver's side of the apparatus. The exterior dimensions shall be approximately 48" wide, 24" high, and 18" deep. The compartment shall be constructed of .125" aluminum on all exterior surfaces.

The compartment shall be equipped with:

- a lift up door with latch installed
- key type door locks.
- dual gas operated door opening assistant cylinders.
- a white LED strip light that is automatically controlled by a door activated switch.
- a louvered vent

-Turtle Plastics Turtle Tile Compartment Matting shall be installed in the compartment. Turtle Tile shall be black in color and lock together design.

The actual door opening shall be approximately 3" smaller in dimension.

100585.1 - UNDER BODY COMPARTMENTS -- REAR BODY, D/S AND P/S

Two (2) under flat bed equipment storage compartments shall be installed under the flatbed surface, on the passenger's and driver's side of the apparatus, behind the rear axle. The exterior dimensions shall be approximately: 20" wide, 15" high, and 23" deep. The compartments shall be constructed of .125" aluminum on all exterior surfaces. The compartments shall be equipped with a vertically hinged door with latch installed. The compartment shall have turtle tile installed.

The compartments shall have a LED light installed.

100159.1 - UNDER BODY COMPARTMENT -- REAR CENTER

An under body equipment storage compartment shall be installed under the flatbed surface located in the center rear of the apparatus. The compartment shall be between the vertical body beams, upper floor surface, and an aluminum lower floor area. The compartment shall be equipped with a hinged drop down door with dual latches installed.

The exterior dimensions shall be approximately:

108" for a 114"L bed

120" for a 138"L bed

203878.1 - DIVIDERS FOR HARD SUCTION, REAR CENTER UNDER BODY COMPARTMENT

Two (2) dividers shall be installed on the driver's side of the rear, center, under body compartment, for storage of 8' lengths of hard suction. The dividers shall be approximately 6" apart, 5" tall, and run the depth of the compartment.

THIS OPTION REQUIRES 6" MAIN BEAMS FOR THE BED FRAME

100166.1 - REAR SLIDE-OUT TRAY

The rear center compartment shall be equipped with an .190" aluminum slide out tray on UHMW plastic slide pads and poly rollers. The tray shall be full width and full length of the compartment interior.

100160.1 - INTERIOR COMPARTMENT VENTILATION LOUVERS

The interiors of the upper body compartments shall have louvered ventilation units.

100163.1 - AUTOMATIC COMPARTMENT DOOR LIGHT SWITCHES

Each compartment light shall be automatically controlled by a door activated switch.

100164.1 - DOOR AJAR LIGHT

A "door ajar" warning light shall be installed on the center console. The light shall be flashing red LED light with a clear lens.

The door ajar light shall be activated by door ajar switches installed on every compartment door.

100169.1 - HOSE TRAY -- DRIVERS SIDE

A hose storage tray shall be installed over the driver's side equipment compartment, on the driver's side of the apparatus. The exterior dimensions shall be approximately: 16" wide, 8" high, and 72" long. The hose tray shall be constructed entirely of .125" aluminum on all exterior surfaces. The assembly shall be equipped with a hinged lift up aluminum door on top, enclosed front panel, and open rear area. There shall be a set of gas shocks installed on the lid of the tray to aid in opening and closing the tray in a safe manner. The hose tray shall be equipped with Turtle Tile floor covering.

The actual door opening shall be approximately 3" smaller in dimension.

100382.1 - TOOL STORAGE TRAY/COMPARTMENT - PASSENGER SIDE

A tool storage compartment shall be installed over the passenger's side equipment compartment, on the passenger's side of the apparatus. The exterior dimensions shall be approximately: 16" wide, 8" high, and 72" long. The compartment shall be constructed of .125" aluminum on all exterior surfaces. The compartment shall be equipped with a hinged lift up aluminum door with a latch installed. There shall be a set of gas shocks installed on the lid of the tray to aid in opening and closing the

tray in a safe manner. The compartment shall be equipped with Turtle Tile floor covering.

The actual door opening shall be approximately 3" smaller in dimension.

203941.1 - COMPARTMENT FLOORING

Turtle Plastics Turtle Tile Compartment Matting shall be installed in all compartments and trays excluding the rear center under-body compartment. Turtle Tile shall be black in color and lock together design. [More](#)

100180.1 - REAR PULL OUT STEP

There shall be a rear "Pull-Out-Fold-Down" step located at the driver's side rear of the apparatus, step shall be stowed in a pocket under the rear of the unit. Storage pocket shall be fabricated to allow easy access to deploying for operation.

100181.1 - FOLDING STEP

A Signature 4 lighted 8" square folding step of die cast zinc shall be installed. The step shall comply with NFPA non-slip standards and shall be installed on the rear driver's side of the body. The step shall be equipped with lighting to NFPA standard.

100692.1 - SIDE BODY ACCESS STEPS

There shall be a body access step assisting in access to top of the tool/hose trays from the side of the apparatus. It shall be a stirrup design, and be fabricated from 1" aluminum tubing. They shall be installed under the front of the body, one (1) each side.

100693.1 - TANK ACCESS STEP

There shall be a access step to allow access to the top of the water tank. The step shall be located on adjacent to the rear of the water tank, in the plumbing area.

100325.1 - ELECTRICAL ENCLOSURE

An electric wiring enclosure for the 12 volt wiring shall be installed in the forward wall of the driver's side upper body compartment with an access panel. The dimensions of the enclosure shall be approximately 20" high, 14" wide, and 4" deep.

100326.1 - 12 VOLT ELECTRICAL SPECIFICATIONS

The following describes the low voltage electrical system on the apparatus including all panels, electrical components, switches and relays, wiring harnesses and other electrical components. The apparatus manufacturer shall conform to the latest Federal DOT standards, current automotive electrical system standards and the applicable requirements of the NFPA.

Wiring shall be stranded copper or copper alloy conductors of a gauge rated to carry 125 percent of the maximum current for which the circuit is protected. Voltage drops shall not exceed 10 percent in all wiring from the power source to the using device. The wiring, wiring harness and insulation shall be in conformance to applicable SAE and NFPA standards. The wiring harness shall conform to SAE J-1128 with GXL temperature properties. Exposed wiring shall be run in a loom with a minimum 289 degree Fahrenheit rating. Wiring looms shall be properly supported and attached to body members. Electrical conductors shall be constructed in accordance with applicable SAE standards, except when good engineering practice requires special construction.

All wiring connections and terminations shall provide positive mechanical and electrical connections and be installed in accordance with the device manufacturer's instructions. When wiring passes through metal panels, electrical connections shall be secured with mechanical type fasteners and rubber grommets

Wiring between cab and body shall be split using connectors or enclosed in a terminal junction panel allowing body removal with minimal impact on the apparatus electrical system. Connections shall be crimp-type with heat shrink tubing with insulated shanks to resist moisture and foreign debris such as grease and road grime. Weather resistant connectors shall be provided throughout the system.

Electrical junction or terminal boxes shall be weather resistant and located away from water spray conditions. When required, automatic reset breakers and relays shall be housed in the main body junction panel.

There shall be no exposed electrical cabling, harnesses, or terminal connections located in compartments, unless enclosed in an electrical junction box or covered with a removable electrical panel. Wiring shall be secured in place and protected against heat, liquid contaminants and damage.

Low voltage overcurrent protective devices shall be provided for the electrical circuits. The devices shall be accessible and

located in required terminal connection locations or weather resistant enclosures. Overcurrent protection devices shall be automatic reset type suitable for electrical equipment and meet SAE standards. All electrical equipment, switches, relays, terminals, and connectors shall have a direct current rating of 125 percent of maximum current for which the circuit is protected. Electro-magnetic interference suppression shall be provided in the system as required in applicable SAE standards.

The electrical system shall include the following:

Electrical terminals in weather exposed areas shall have a non-conductive grease or spray applied. All terminal plugs located outside of the cab or body shall be treated with a corrosion preventative compound.

All electrical wiring shall be placed in a protective loom or be harnessed.

Exposed connections shall be protected by heat shrink material and sealed connectors.

Large fender washers shall be used when fastening equipment to the underside of the cab roof and all holes made in the roof shall be caulked with silicone.

Electrical components installed in exposed areas shall be mounted in a manner that will not allow moisture to accumulate inside.

A coil of wire must be provided behind an electrical appliance to allow them to be pulled away from mounting area for inspection and service work.

All lights in a weather exposed area that have their sockets shall have corrosion preventative compound added to the socket terminal area.

100327.1 - ELECTRICAL HARNESS AND WIRING

All wiring shall be hidden, enclosed, or protected under the body in protective material, or within the apparatus body components. In addition, split loom conduits shall be installed and enclosed, suitably secured and protected against heat and physical damage.

100091.1 - BATTERY SWITCH - MASTER DISCONNECT

A rotary type master disconnect switch shall be provided in the cab within easy reach of the driver. The switch shall have a switch plate with Off/On label.

100328.1 - DOT IDENTIFICATION LIGHTS

All LED identification lights shall be installed on the vehicle as required by applicable highway regulations.

100329.1 - LICENSE PLATE MOUNTING

An LED license plate light shall be installed on the rear vertical wall of the body.

100330.1 - BRAKE, TURN, TAIL LIGHTS

Two (2) Whelen M6 Series Model M6BTT 4-5/16" x 6-3/4" brake, turn, tail lights with M6FC chrome flanges shall be provided. The warning lights shall incorporate Linear Super-LED and Smart LED technology. The lighthouse configuration shall consist of 18 red Super-LEDs and a clear optic polycarbonate lens. The lighthouses shall be surface mountable via two screws.

The lighthouses shall utilize an optic collimator and a chrome vacuum metalized reflector for maximum illumination. The lighthouse shall include 164 flash patterns including: a variety of CA Title 13 compliant, sinkable, left/right, top/bottom, in/out, and steady burn. The lighthouses shall have the Whelen exclusive NERM (Non-Emergency Recognition Mode) feature.

The lens/reflector assembly shall be wet sealed and resistant to: water, moisture, dust, and other environmental conditions. The outer lens shall have a hard coating applied to increase strength and ensure longevity. The light engine shall be installed at the rear of the unit and be completely sealed. The pc board shall be conformal coated for additional protection.

The lights shall be furnished with five 6" wire pigtails, a Santoprene rubber gasket and the #M6FC chrome flanges shall be included for installation.

100331.1 - BACK-UP LIGHTS

Two (2) Whelen M-Series, 4" x 6" rear LED back-up lights shall be installed.

100712.1 - OFF-ROAD LIGHTS

There shall be two (2) FRC SoBrite 6" LED lights installed on front bumper/grille guard.

100071.1 - GROUND LIGHTS - FRONT BUMPER

Two (2) Grote #63871 LED ground lights shall be installed under the front bumper, one (1) on each side of the apparatus,

wired to the Cencom, and the chassis interior lights. They shall have an aluminum housing, and be 800 lumens at 1.4 amps.

200312.1 - GROUND LIGHTS, CAB, 4 DOOR, LED STRIPS

Four (4) LED ground strip lights shall be installed under the cab step area in compliance with NFPA standards, two (2) on each side of the apparatus, wired to the Cencom, and the chassis interior lights.

100183.1 - GROUND LIGHTS - UNDER REAR STEP

Two (2) ground lights shall be installed under the rear step area, one on each side of the apparatus. They shall have an aluminum housing, and be 800 lumens at 1.4 amps.

100184.1 - BODY WORK LIGHTS

Four (4) Grote #63871 LED body work lights with clear lens shall be installed, wired to switch on the Cencom. They shall have an aluminum housing, and be 800 lumens at 1.4 amps. Location shall be: in each corner of the protective tubing assembly to light the pump panel and the front body walkway area.

100318.1 - FRONT BUMPER SCENE LIGHTS

A Rigid Manufacturing E series 120313 20" spot/flood light shall be installed. The LED scene lights shall incorporate clear LED's with a clear optic polycarbonate lens for maximum illumination.

Location shall be: front bumper/grille

100322.1 - SCENE LIGHTS

Six (6) Rigid Manufacturing Dually 20211 scene lights shall be installed. The LED scene lights shall incorporate clear LED's with a clear optic polycarbonate lens for maximum illumination.

Location shall be: Two (2) outward facing, each side of body, two (2) rear facing.

100503.1 - DIGITAL TILT METER

An electronic tilt meter shall be installed on the dashboard. The unit shall indicate the degree of side slope the vehicle is on. It shall also include a GPS speedometer.

100107.1 - BACK-UP CAMERA SYSTEM

One (1) Rear View Systems camera system shall be furnished utilizing a camera which provides a wide field of view and picture quality. A sealed camera enclosure shall be utilized along with electronic connections. The color monitor shall be installed in cab.

One (1) camera shall cover the rear of the apparatus, which will activate during back-up mode and during normal operations if needed.

Location:

100324.1 - BACK-UP ALARM

One (1) back up alarm shall be installed.

203773.1 - ELECTRONIC SIREN

One (1) Whelen, Model #CCSRNT4G CenCom Carbide siren with auxiliary switches with noise canceling microphone shall be provided. Siren head will be mounted on the center console in easy reach of the driver.

100313.1 - SIREN SPEAKER

One (1) Whelen Model #SA315P Projector Series siren speaker shall be provided with bracket. The 100 watt siren speaker shall be designed in a black nylon composite housing with 123 decibel rating.

Location shall be: Behind the front grille.

100310.1 - MOUNTING OF LIGHT BAR WITH PROTECTIVE GUARD

The lightbar shall be mounted on the headache rack shelf with an aluminum brush guard protective assembly.

100309.1 - LIGHTBAR

A Whelen Legacy low profile Super-LED NFPA lightbar shall be installed. The 54" lightbar shall be designed to meet the minimum clearing requirements for Zone A Upper. The internal components of the lightbar shall be housed within a two piece extruded aluminum base/top. The outer shell shall be clear optic polycarbonate lenses designed to maximize light output and shield against environmental elements.

The lightbar shall utilize snap-in brackets to hold in the lighthead. The brackets shall give the end user the ability to make quick repairs. The lightbar shall have all solid state components. The lightbar shall have two wire harnesses exiting the unit: one (1) 17 conductor 22 gauge control cable which controls all internal light functions; and one (1) 2 conductor 10 gauge cable for main power and ground. Each cable shall be 15' long.

The lightbar shall have four (4) red Linear Super-LED corner modules to provide off angle protection for the front and rear of the vehicle. Each corner module shall consist of twelve (12) Super-LEDs mounted within a vacuum metalized parabolic reflector. The corner module shall also utilize an optic collimator for maximum light output. The twelve (12) LEDs shall be mounted in one straight line.

The solid state I/O board shall be microprocessor controlled. The I/O board shall have built-in reverse-polarity protection and output-short protection. The board shall have the ability to flash sixteen (16) LED warning lights. There shall be a data bank of 13 Scan-Lock flash patterns including steady burn. The board shall also have outputs to add takedown and alley lights. Low power and cruise light function shall also be included. The cruise light function shall allow the user to employ the four (4) corner modules as marker courtesy lights.

The lightbar shall include clear "Take Down" and "Alley Lights".

The lightbar shall have an amber "Traffic Advisor" built into the rear portion of the lightbar.

100315.1 - NFPA WARNING LIGHTS

ZONE A -- LOWER FRONT WARNING LIGHTS

Two (2) Whelen M-7 Series Model #M7RC 3" x 7" warning lights with chrome flanges shall be in the front forward facing area of the front bumper. The warning lights shall incorporate Linear Super-LED and Smart LED technology. The lighthead configuration shall consist of RED 18 Super-LEDs and a clear optic polycarbonate lens. The lighthead shall be surface mountable via two screws. The lighthead shall utilize an optic collimator and a chrome vacuum metalized reflector for maximum illumination.

ZONE B AND D -- INTERSECTION LIGHTS

Two (2) Whelen M-7 Series Model #M7RC 3" x 7" warning lights with chrome flanges shall be installed on bumper extension, as far forward as possible. The warning lights shall incorporate Linear Super-LED and Smart LED technology. The lighthead configuration shall consist of RED 18 Super-LEDs and a clear optic polycarbonate lens.

ZONE B AND D -- LOWER SIDE REAR CORNER WARNING LIGHTS

Two (2) Whelen M-7 Series Model #M7RC 3" x 7" warning lights with chrome flange shall be installed in lower rear side corner body area. The warning lights shall incorporate Linear Super-LED and Smart LED technology. The lighthead configuration shall consist of RED 18 Super-LEDs and a clear optic polycarbonate lens.

ZONE B AND D -- UPPER SIDE REAR WARNING LIGHTS

Two (2) Whelen M-7 Series Model #M7RC 3" x 7" warning lights with chrome flanges shall be installed in the upper rear body side panel. The warning lights shall incorporate Linear Super-LED and Smart LED technology. The lighthead configuration shall consist of RED 18 Super-LEDs and a clear optic polycarbonate lens.

ZONE C -- UPPER REAR WARNING LIGHTS

Two (2) Whelen M-7 Series Model #M7RC 3" x 7" warning lights with chrome flanges shall be installed in the upper rear corner of the handrails. The warning lights shall incorporate Linear Super-LED and Smart LED technology. The lighthead configuration shall consist of RED 18 Super-LEDs and a clear optic polycarbonate lens.

ZONE C -- LOWER REAR WARNING LIGHTS

Two (2) Whelen M-7 Series Model #M7RC 3" x 7" warning lights with chrome flanges shall be lower rear of body. The warning lights shall incorporate Linear Super-LED and Smart LED technology. The lighthead configuration shall consist of RED 18 Super-LEDs and a clear optic polycarbonate lens.

100335.1 - CUSTOM GRAPHICS

The apparatus shall be provided with two (2) custom designed sign gold graphics, emblems, or seals. The installation shall

be designed primarily with letters and numbers as specified. The purchaser shall approve of the design graphics prior to installation.

203904.1 - NO CAB ROOF LETTERING

100337.1 - CAB AND BODY STRIPING

The cab and body shall have a straight Scotchlite reflective stripe applied horizontally. The stripe shall be a 4" minimum in width and be applied horizontally around the cab and body in accordance with NFPA standards. The purchaser shall specify the color and location of the stripe.

100343.1 - FRONT CHEVRON STRIPING

There shall be alternating chevron striping installed across the front bumper where permitted. The chevron striping shall consist of 6" diamond grade in the following colors:

red diamond grade.

lime yellow diamond grade.

100345.1 - REAR CHEVRON STRIPING

There shall be alternating chevron striping installed on the rear vertical body panel. The chevron striping shall consist of 6" diamond grade in the following colors:

red diamond grade.

lime yellow diamond grade.

100346.1 - CAPACITIES PLACARD

The apparatus shall have a reflective placard that provides the following information:

Water Tank Capacity
Pump Capacities
NWCG Typing
Skeeter Contact Information

100040.1 - CHASSIS PREPARATION

The chassis cab shall be "prepped" for fire apparatus production as follows:

- a) Wash and clean chassis
- b) Weigh chassis for NFPA reports
- c) Quality control check in.

100041.1 - SEATING

There shall be a label identifying the number of seat belted locations on the unit.

100042.1 - WARNING LABEL -- SEAT BELT USAGE

A warning label for use of seat belts shall be installed in the cab by the chassis manufacturer.

100043.1 - LOUD NOISE WARNING LABEL

A final stage manufacturer shall install "hearing loss" potential warning labels on the vehicle in any areas or fixed equipment that produces excessive noise levels. (exhaust outlet, sirens and air horns shall not be required for such equipment.)

100135.1 - WARNING LABEL -- NO RIDING ON REAR

A warning label stating: "NO RIDING ON REAR OF APPARATUS" shall be installed on rear of the apparatus. The label shall be applied to the vehicle at the rear step area. The label shall warn personnel that riding in or on these areas, while the vehicle is in motion, is prohibited.

100136.1 - SKEETER BRUSH TRUCK EMBLEMS

Five (5) Skeeter Brush Trucks emblems will be affixed to the cab and body.

100196.1 - FINAL ASSEMBLY AND APPARATUS FINISHING PREP SPECIFICATIONS

The apparatus shall be assembled in a high quality and controlled environment. The fit, form, and finish of the body shall be to the highest level fire apparatus manufacturing standards. Upon completion, the apparatus shall be ready for final inspection and road testing as required herein.

100361.1 - FIRE PUMP OPERATIONS TEST

The fire pump shall have a operational pump test performed by a Skeeter Brush Trucks technician with a run time of one (1) hour to confirm proper operations of all pump related components.

*** NOTE: ALL TESTING SHALL BE DONE AND PERFORMANCE OBSERVED BETWEEN SEA LEVEL AND 1000' ELEVATION.

*** HIGH ALTITUDE PERFORMANCE MAY NOT REPRESENT TESTING RESULTS SHOWN.

100362.1 - ELECTRICAL LOAD ANALYSIS

A 12 volt electrical load analysis shall be performed in order to test response and stationary modes of electrical amp load.

100363.1 - NFPA COMPLIANCE

The fire apparatus shall be built to the purchaser's requirements stated in this specification in compliance with all state and federal highway safety requirements. The vehicle is designed to meet NFPA 1906.

Unless included in the specification, the customer will provide all the necessary equipment to comply with NFPA 1906 Section 10.2.

100365.1 - ROAD TEST

A road test will be conducted with the apparatus fully loaded and a continuous run of no less than ten (10) miles. During that time the apparatus will show no loss of power nor will it overheat. The transmission drive shaft or shafts and the axles will run quietly and be free of abnormal vibration or noise.

100366.1 - APPARATUS WARRANTY SKEETER MANUFACTURED ITEMS

A five (5) year parts and labor warranty on items manufactured by Skeeter Brush Trucks and a ten (10) year warranty on the structural integrity of the body. For warranty issues please contact your local dealer or Skeeter Brush Truck service center and request warranty from the service advisor at that location.

100369.1 - WATER TANK WARRANTY

MANUFACTURER'S LIMITED WARRANTY AND NOTICE OF DISCLAIMER OF EXPRESS AND IMPLIED WARRANTIES- 10 YEAR EQUIVALENT.

Manufacturer issues this limited warranty to the customer who is the original retail purchaser ("Customer") of a polypropylene tank (the "Tank") (10 to 4000) gallons.

100351.1 - PRE-CONSTRUCTION CONFERENCE, FACTORY

A pre-construction conference shall be held at Skeeter Brush Trucks manufacturing facility in Hillsboro, Texas. The purpose of the conference is to review and clarify aspects of apparatus components and construction. It shall be attended by representatives of the purchasing department, the apparatus dealer, and Skeeter Brush Trucks.

The transportation to this meeting shall be the responsibility of purchaser.

100651.1 - DRAWINGS

There shall be design drawings submitted to the customer prior to the pre-construct conference. The CAD drawings shall include all sides of the apparatus. The customer shall agree to the drawings reflecting the correct apparatus design and layout prior to construction.

100353.1 - TERMS OF PAYMENT AND PREPAYMENT PROVISIONS

Terms of payment for the specified vehicle shall be only cash or equivalent on delivery and acceptance for the unit. No bid will be considered which requires the purchaser to deposit with the bidder a down payment, prepayment of chassis, or any other such consideration as a condition of the bid. Such a requirement shall be grounds for immediate rejection of the bid.

204229.1 - FINAL INSPECTION, MANUFACTURING PLANT

Representatives from the purchaser and the dealer shall be present at Skeeter's manufacturing facility in Hillsboro, Tx for the final inspection of the apparatus. A factory representative will assist the purchaser with review of the specifications to confirm they match the apparatus.

Cost of transportation to and from the facility shall be the responsibility of the purchaser.

*** NOTE, UNLESS PRIOR APPROVAL BY SKEETER BRUSH TRUCKS, FINAL INSPECTION AT THE PLANT IS MANDATORY ***

100356.1 - DEMONSTRATION AND FAMILIARIZATION OF APPARATUS

The bidder shall demonstrate and familiarize the purchaser regarding the vehicle's operation. This shall include operation of chassis, major components, review of delivery information and documentation. This demonstration shall be completed at Skeeter Brush Trucks factory location in Hillsboro, Texas.

100358.1 - DELIVERY REQUIREMENTS

The apparatus shall be picked up at the manufacturer's plant by the purchaser.



Governing Board Agenda Item

SUBJECT/TITLE: Acceptance of Architect Firm for New Station 16 Construction

STAFF CONTACT: DC Seaver

SUMMARY STATEMENT:

Our current architect, Broderick, is under contract for tenant improvements. With the upcoming plan to swap properties with King County and build a new Sta. 16, we need to secure a new architect firm to cover this expanded scope.

FISCAL IMPACT:

Expenditure 0 Revenue _____

Currently in the Budget Yes ☐ No ☒

SUMMARY OF ACTION:

In March, we put out a request for qualifications. We received 5 packets that we reviewed and scored. The architectural firm, TCA, was selected, as they hit all of our specifications. TCA has a great deal of experience with land acquisition and have numerous local examples of their work.

Reviewed by Legal Yes ☐ No ☒

EXHIBITS:

N/A

RFA GOVERNANCE BOARD RECOMMENDED ACTION:

I move to allow Renton RFA staff to proceed with a contract for architectural services with TCA.



Governing Board Agenda Item

SUBJECT/TITLE: KCFD #20 CARES ILA

STAFF CONTACT: DC DeSmith

SUMMARY STATEMENT:

KCFD #20 would like to enter into an ILA with RRFA for CARES service in their area. From data, we understand that the call impact to CARES 314 would be one additional per 12-hour shift. This call load increase does not negatively impact our service to the RRFA.

FISCAL IMPACT:

Expenditure _____ Revenue \$39,092.00

Currently in the Budget Yes ☐ No ☒

SUMMARY OF ACTION:

Requesting Governance Board approval of KCFD #20 CARES ILA and authorize Chief Heitman to sign.

Reviewed by Legal Yes ☒ No ☐

EXHIBITS:

RRFA/KCFD #20 CARES ILA
Exhibit A
IAFF Local 864 MOU

RFA GOVERNANCE BOARD RECOMMENDED ACTION:

I move to approve the inter-local agreement between Renton RFA and Fire District 20 for CARES services and authorize Chief Heitman to sign.

COLLABORATIVE SERVICES AGREEMENT

This Agreement is entered into between Renton Regional Fire Authority a municipal corporation, hereafter referred to as "RRFA", and King County Fire Protection District No. 20 a municipal corporation, hereafter referred to as "District 20."

RECITALS

1. This agreement is entered into under the authority of RCW 52.12.031 and in conformity with chapter 39.34 RCW, the Interlocal Cooperation Act.
2. Each District currently maintains and operates its own fire based operations to provide fire protection, fire suppression and emergency medical services in their respective areas.
3. It is recognized that District 20 and RRFA have personnel that are performing similar tasks on a daily basis and that have varied talents, skills, and expertise; and by allowing the personnel to coordinate and collaborate, the skills and abilities of the individuals could be used in a manner that increases the level of service and care provided to the citizens of both parties;
4. The Districts have historically cooperated and shared the cost of certain employees.
5. Both parties desire to provide fire and emergency medical services at the highest possible efficiency level while managing the costs by eliminating duplication of effort and/or expenses where feasible and making the most effective use of combined resources;
6. The parties desire to cooperate and to coordinate programs, projects, and services while providing, maintaining or enhancing the service levels established by the governing body of each party;
7. The parties have concluded that collaboration would provide the highest level of service with the least duplication and cost and allow for the completion of functions not possible within current funding;

AGREEMENT

NOW, THEREFORE, in consideration of the mutual promises and benefits contained herein, it is agreed between the parties as follows:

1. Scope of Agreement

- 1.1. The scope of this Agreement includes fire and emergency medical services and intentionally allows for collaboration in the delivery of such services, through collaborative projects, programs, using combined resources and personnel. (collectively referred to as "Collaborative Activities")
- 1.2. Each entity shall retain full authority for and jurisdiction over such issues as boundaries, elections, and budgets and other matters not specifically addressed in this Agreement.

1.3. The Fire Chiefs of RRFA and District 20 shall determine, identify and implement Collaborative Activities under this Agreement by identifying the scope of the Collaborative Activity and the budgetary needs of the Collaborative Activity in the form of Collaborative Activities Exhibits to this Agreement. Collaborative Activities Exhibits shall become a binding part of this Agreement upon approval by the RRFA and District 20 Fire Chiefs. Each Collaborative Activities Exhibit shall be independently subject to the termination provisions in Section 2 unless a different termination period is specified in the Collaborative Activities Exhibit.

1.4. The initial Collaborative Activities Exhibits to this Agreement are:

1.4.1. Exhibit A – FDCARES

1.5. Both Districts shall maintain a duplicate original of this Agreement with all current and future Collaborative Activities Exhibits attached.

2. Term. This Agreement and Collaborative Activities Exhibits shall be effective on execution by both parties and shall continue until either party shall give to the other 30 days written notice of termination of the Agreement or an individual Collaborative Activities Exhibits.

3. Employment Status.

3.1. RRFA Personnel. RRFA personnel who provide services under this Agreement shall remain personnel of RRFA and shall not be considered personnel of District 20. RRFA shall, at all times, be solely responsible for the conduct of its personnel in performing the services called for in this Agreement and shall be solely responsible for all compensation, benefits and insurance for its personnel. RRFA personnel shall not be entitled to any benefit provided to personnel of District 20.

3.2. District 20 Personnel. District 20 personnel who provide services under this Agreement shall remain personnel of District 20 and shall not be considered personnel of RRFA. District 20 shall, at all times, be solely responsible for the conduct of its personnel in performing the services called for in this Agreement and shall be solely responsible for all compensation, benefits and insurance for its personnel. District 20 personnel shall not be entitled to any benefit provided to personnel of RRFA.

4. Finances. Each party shall remain responsible for the financial operation of its own Fire Department, the preparation of its budget and the levying of its tax levy and benefit charge. The parties recognize that each party will be contributing a similar amount of resources to the identified Collaborative Activities and neither party will seek additional compensation from the other unless such additional compensation is specifically identified in a Collaborative Activities Exhibit.

5. Indemnification and Hold Harmless. Each party agrees to defend, indemnify, and hold harmless the other party and each of its employees, officials, agents, and volunteers from any and all losses, claims, liabilities, lawsuits, or legal judgments arising out of any negligent or willfully tortious actions or inactions by the performing party or any of its employees, officials, agents, or volunteers, while acting within the scope of the duties required by this Agreement. This provision shall survive the expiration of this Agreement. It is further specifically and expressly understood that the

indemnification provided herein constitutes each party's waiver of immunity under industrial insurance, Title 51 RCW, solely to carry out the purposes of this indemnification clause. The parties further acknowledge that they have mutually negotiated this waiver.

- 6. Insurance.** Each of the parties shall provide insurance coverage for all operations, facilities, equipment and personnel of its agency. Each party shall furnish to the other party appropriate documentation showing that such coverage is in effect.

7. Dispute Resolution.

- 7.1.** Prior to any other action, the parties shall meet and attempt to negotiate a resolution to such dispute.

- 7.2.** If the parties are unable to resolve a dispute regarding this Agreement through negotiation, either party may demand mediation through a process to be mutually agreed to in good faith between the parties within 30 days. The parties shall share equally the costs of mediation and each party shall be responsible for their own costs in preparation and participation in the mediation, including expert witness fees and reasonable attorney's fees.

- 7.3.** If a mediation process cannot be agreed upon or if the mediation fails to resolve the dispute then, within 30 calendar days, either party may submit the dispute to arbitration according to the procedures of the Superior Court Rules for Mandatory Arbitration, including the Local Mandatory Arbitration Rules of the King County Superior Court, King County, Washington, as amended, unless the parties agree in writing to an alternative dispute resolution process. The arbitration shall be before a disinterested arbitrator selected pursuant to the Mandatory Arbitration Rules with both parties sharing equally in the cost of the arbitrator. The location of the arbitration shall be mutually agreed or established by the assigned Arbitrator, and the laws of Washington will govern its proceedings. Each party shall be responsible for its own costs in preparing for and participating in the arbitration, including expert witness fees and reasonable attorney's fees.

- 7.4.** Following the arbitrator's issuance of a ruling/award, either party shall have 30 calendar days from the date of the ruling/award to file and serve a demand for a bench trial de novo in the King County Superior Court. The court shall determine all questions of law and fact without empanelling a jury for any purpose. If the party demanding the trial de novo does not improve its position from the arbitrator's ruling/award following a final judgment, that party shall pay all costs, expenses and attorney fees to the other party, including all costs, attorney fees and expenses associated with any appeals.

- 7.5.** Unless otherwise agreed in writing, this dispute resolution process shall be the sole, exclusive and final remedy to or for either party for any dispute regarding this Agreement, and its interpretation, application or breach, regardless of whether the dispute is based in contract, tort, any violation of federal law, state statute or local ordinance or for any breach of administrative rule or regulation and regardless of the amount or type of relief demanded.

8. Miscellaneous.

8.1. Administration. This Agreement shall be administered by the Fire Chief or Designee.

8.2. Property Ownership. This Agreement does not provide for jointly owned property unless specific provision is made for joint ownership in a Collaborative Activities Exhibit. All property presently owned or hereafter acquired by a party to enable it to perform the services required under this Agreement, shall remain the property of the acquiring party in the event of the termination of this agreement.

8.3. Notices. All notices, requests, demands and other communications required by this agreement shall be in writing and, except as expressly provided elsewhere in this agreement, shall be deemed to have been given at the time of delivery if personally delivered or at the time of mailing if mailed by first class, postage pre-paid and addressed to the party at its address as stated in this agreement or at such address as any party may designate at any time in writing.

8.4. Severability. If any provision of this agreement or its application is held invalid, the remainder of the agreement or the application of the remainder of the agreement shall not be affected.

8.5. Modification. This agreement represents the entire agreement between the parties. No change, termination or attempted waiver of any of the provisions of this agreement shall be binding on either of the parties unless executed in writing by authorized representatives of each of the parties. The agreement shall not be modified, supplemented or otherwise affected by the course of dealing between the parties.

8.6. Benefits. This agreement is entered into for the benefit of the parties to this agreement only and shall confer no benefits, direct or implied, on any third persons.

8.7. Non-Exclusive Agreement. The parties to this agreement shall not be precluded from entering into similar agreements with other municipal corporations.

8.8. Filing/Web Site. Filing/Web Site. This Agreement shall either be filed with the County Auditor or by listing on either of the party's websites in accordance with RCW 39.34.040.

EXHIBIT A

FDCARES PROGRAM

- 1. Services.** RRFA contracts with Puget Sound Regional Fire Authority and jointly operates a FDCARES Program. Within the scope of that relationship RRFA shall collaborate with District 20 to provide District 20 with the following services.:
 - 1.1.** Day to day support for District 20 employees participating in the FD CARES Program.
 - 1.2.** RRFA will operate its FDCARES program in both the RRFA service area and in District 20's service area.
- 2. Compensation.**
 - 2.1.** District 20 shall pay to Renton its annual BLS MIH allocation from King County Medic One in consideration of the Services. Such amounts shall be paid in a single lump sum payment on or before July 1 of each year. We currently get billed from PSFA in two lump sums, but this is small enough that a single payment should be fine.

Inter-Local Agreement Between
Kent Firefighters, IAFF Local 1747
And
Renton Firefighters, IAFF Local 864
And
Skyway Firefighters, IAFF Local 3740

WHEREAS: Local No. 1747 of the International Association of Fire Fighters (IAFF) is an autonomous Local chartered by the IAFF; and

WHEREAS: Local No. 864 of the International Association of Fire Fighters (IAFF) is an autonomous Local chartered by the IAFF; and

WHEREAS: Local No. 3740 of the International Association of Fire Fighters (IAFF) is an autonomous Local chartered by the IAFF; and

WHEREAS: each respective Locals' agency is jointly staffing an FD Cares unit (herein referred to as FD Cares) with Local 1747's nurses and Local 864's Firefighter/EMT's; and

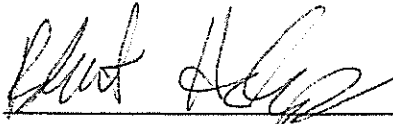
WHEREAS: Skyway Fire (KCFD #20) and Renton RFA are in agreement to have Cares 14 respond to FD Cares calls in Skyway Fire's jurisdiction; and

WHEREAS: all three Locals agree with the joint staffing model; and

WHEREAS: all three Locals agree to work harmoniously to address issues important to each Local;

therefore Locals 1747, 864, and 3740 hereby RESOLVE and
AGREE to the following:

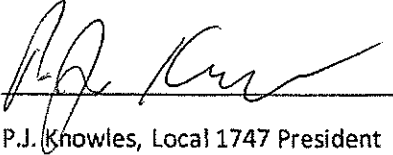
1. The FD Cares unit will be staffed with one Local 1747 nurse and one Local 864 FF/EMT;
2. The FD Cares unit is stationed in Local 864's jurisdiction to handle FD Cares calls in their jurisdiction as well as Local 3740's jurisdiction with some possible mutual aid into Local 1747's jurisdiction;
3. Work currently being conducted by Local 864's members shall remain Local 864's work, work currently being conducted by Local 3740's members shall remain Local 3740's work, and work currently being conducted by Local 1747's members shall remain Local 1747's work;
4. Any potential disciplinary issues shall be handled by the agency for which the member is employed;
5. If the agencies decide to continue joint staffing of the FD Cares unit, this ILA shall remain in full force;
6. If any part of this ILA is in conflict with each Locals' respective agency, all three Locals agree to meet to resolve any conflicts.



Robert Hyslop, Local 864 President

01/28/2021

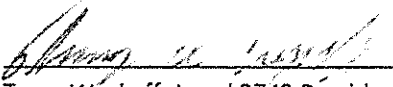
Date



P.J. Knowles, Local 1747 President

01/30/21

Date



Tracy Wyckoff, Local 3740 President

01/20/2021

Date



Governing Board Agenda Item

SUBJECT/TITLE: Bond Counsel Letter of Engagement

STAFF CONTACT: CAO Babich

SUMMARY STATEMENT:

We've met with bond counsel recommended by Attorney Snure to begin the process of issuing a bond for the Station 16 replacement. A letter of engagement is required in order to proceed.

FISCAL IMPACT:

Expenditure N/A Revenue _____

Currently in the Budget Yes ☐ No ☐

SUMMARY OF ACTION:

Reviewed by Legal Yes ☐ No ☒

EXHIBITS:

K&L Gates, LLP Letter of Engagement (to be provided when available)

RFA GOVERNANCE BOARD RECOMMENDED ACTION:

I move to authorize Renton RFA staff to enter into a letter of engagement with K&L Gates, LLP.



Governing Board Agenda Item

SUBJECT/TITLE: Reimbursement Resolution

STAFF CONTACT: CAO Babich

SUMMARY STATEMENT:

The attached reimbursement resolution would allow the RFA to reimburse our operating fund for expenses incurred for Station 16 prior to the bond being issued.

FISCAL IMPACT:

Expenditure N/A Revenue _____

Currently in the Budget Yes ☒ No ☐

SUMMARY OF ACTION:

Reviewed by Legal Yes ☐ No ☒

EXHIBITS:

2021-02 Bond Proceed Reimbursement

RFA GOVERNANCE BOARD RECOMMENDED ACTION:

I move to approve Resolution 2021-02 to approve and declare Renton RFA's intent to designate certain expenditures for reimbursement from the proceeds of bonds to be issued in the future.

RENTON REGIONAL FIRE AUTHORITY

RESOLUTION NO. 2021-02

A RESOLUTION OF THE GOVERNING BOARD OF THE
RENTON REGIONAL FIRE AUTHORITY, KING COUNTY, WASHINGTON
APPROVING AND DECLARING ITS INTENT TO DESIGNATE CERTAIN EXPENDITURES FOR
REIMBURSEMENT FROM THE PROCEEDS OF BONDS TO BE ISSUED IN THE FUTURE

WHEREAS, the Renton Regional Fire Authority, King County, Washington (the “Authority”) has determined to construct a new fire house to replace its existing Fire Station #16 (the “Project”); and

WHEREAS, the Authority has begun the preliminary architectural and planning process for the Project, and has made and expects to continue to make expenditures in support of the Project; and

WHEREAS, the Authority may issue tax exempt obligations (including e.g., bonds and leases) for the purpose of financing its governmental activities, including the Project; and

WHEREAS, the Authority has determined to issue its bonds in the future for the purpose of construction of the Project; and

WHEREAS, the United States Department of the Treasury has promulgated Regulations limiting the ability of the Authority to use the proceeds of tax-exempt obligations for reimbursement of prior expenditures; and

WHEREAS, the Regulations permit the Authority declare its official intent to reimburse eligible capital expenditures made for the Project prior to issuance of the Authority’s bonds.

NOW, THEREFORE, BE IT HEREBY RESOLVED, as follows:

Section 1. Pursuant to U.S. Treasury Regulation Section 1.150-2(e)(1), the Authority reasonably expects to reimburse the expenditures described herein with the proceeds of debt to be incurred by the Authority (the “Reimbursement Bonds”).

Section 2. The expenditures with respect to which the Authority reasonably expects to be reimbursed from the proceeds of Reimbursement Bonds are for financing of (i) the detailed engineering, design, construction (including permitting), and equipping of a new fire station; (ii) the acquisition of real property rights, (iii) the demolition of the fire station being replaced and remediation of environmental issues, and (iv) the payment of costs of issuance of the Reimbursement Bonds.

Section 3. The maximum principal amount of debt obligations expected to be issued for the project described in Section 2 is \$15,000,000.

Section 4. This resolution is the Authority's official statement of intent in compliance with Treasury Regulation Section 1.150-2.

Section 5. The adoption of this resolution shall not obligate the Authority to issue the Reimbursement Bonds. The issuance of the Reimbursement Bonds shall require separate and additional official approval by the Governing Board.

ADOPTED by the Governing Board of Renton Regional Fire Authority, King County, Washington at an open public meeting of such Board on the 13th day of April 2021 the following Board Members being present and voting:

_____ Board Member	_____ Board Member
_____ Board Member	_____ Board Member
_____ Board Member	_____ Board Member

CERTIFICATE

I, the undersigned, Secretary of the Governing Board of Renton Regional Fire Authority, King County, Washington (the "Authority"), DO HEREBY CERTIFY:

1. That the attached Resolution No. 2021-02 (herein called the "Resolution") is a true and correct copy of a resolution of the Authority as finally adopted at a meeting of the Governing Board held on the 13th day of April 2021 and duly recorded in my office.
2. That said meeting was duly convened and held in all respects in accordance with law, and to the extent required by law, due and proper notice of such meeting was given; that a quorum of the Governing Board was present throughout the meeting and a legally sufficient number of members of the Governing Board voted in the proper manner for the passage of the Resolution; that all other requirements and proceedings incident to the proper passage of the Resolution have been duly fulfilled, carried out and otherwise observed, and that I am authorized to execute this certificate.

IN WITNESS WHEREOF, I have hereunto set my hand this 13th day of April 2021.

Board Secretary



Governing Board Agenda Item

SUBJECT/TITLE: D.A. Davidson Letter of Engagement for Bond Underwriter

STAFF CONTACT: CAO Babich

SUMMARY STATEMENT:

We've met with bond counsel recommended by Attorney Snure to begin the process of issuing a bond for the Station 16 replacement. A letter of engagement is required in order to proceed.

FISCAL IMPACT:

Expenditure N/A Revenue _____

Currently in the Budget Yes ☐ No ☐

SUMMARY OF ACTION:

Reviewed by Legal Yes ☐ No ☒

EXHIBITS:

D.A. Davidson Letter of Engagement (to be provided when available)

RFA GOVERNANCE BOARD RECOMMENDED ACTION:

I move to authorize Renton RFA staff to enter into a letter of engagement with D.A. Davidson & Co.