



2. **Invitation for Bids.** The RRFA will accept bid proposals for the Apparatus as follows:
  - 2.1. **Time.** Bid proposals must be received by the RRFA on or before 9:30 am PST, September 5, 2024.
  - 2.2. **Place.** Sealed Bid proposals may be mailed to the RRFA mailing address or delivered to the station located at the mailing address.
  - 2.3. **Bid Opening.** Bids will be opened at 9:45 am on the September 5, 2024. A decision to award bids is expected to be made within 30 days of that date.
3. **Acceptance - Rejection of Bids.** The RRFA reserves the right to reject any or all bids, to waive minor irregularities in any bids or in the bidding procedure, and to accept any bid presented which meets or exceeds these specifications and which the RRFA deems to be in the best interest of the RRFA. The RRFA reserves the right to accept the bid from the lowest responsible bidder taking into consideration the interests of the RRFA as a whole. This may or may not be the bid with the low bid price.
4. **Instruction to Bidders and Specifications.** The instructions to bidders and Apparatus Specifications may be obtained by contacting the RRFA between the hours of 9:00 a.m. and 5:00 p.m. on all regular business days. Any questions regarding this specification must be submitted in writing and be received by the RRFA's Representative a minimum of five (5) business days prior to the bid opening date. Clarifications, corrections and/or changes shall be sent out in writing via fax to all prospective Bidders.
5. **Bid Marking.** All bids must be submitted in sealed envelopes and must be clearly marked on the outside of the envelope "RRFA Brush Truck Build Bid."
6. **Bid Submission.** A Bidder may, without prejudice to the Bidder, withdraw, modify, or correct a proposal after it has been deposited with the RRFA, provided the request is filed with the RRFA, in writing before the time set for opening the bid proposals. The original proposal, as modified by such writing, shall be considered as a proposal submitted by the Bidder.
7. **Contents of Bid Proposal.** All bid proposals shall contain or be accompanied by the following:
  - 7.1. **Proposal.** The bidder's detailed specifications of the apparatus and equipment which it proposes to furnish that meets or exceeds the specifications in **Exhibit C**. Such description shall be set forth in the same sequence as set forth in these specifications. In the event any exceptions to the specifications are set forth in a bid proposal, the bidder must also include an explanation to establish why they feel the exceptions are equivalent to, or exceed the specifications.

- 7.2. **Drawings.** General layout drawings showing front, rear, left, right and top view of a representative apparatus must be submitted with the bid for the purpose of comparison. Critical dimensions such as overall height, overall length, body width, cab dimensions, pump module dimensions, pump gpm, compartment dimensions, water tank capacity, tank dimensions, and overall body dimensions shall be on the drawings.
- 7.3. **Qualification of Bidder.** The Proposal must include satisfactory evidence of the bidder's ability to construct the apparatus specified and a statement showing the location of the factory where the apparatus is to be manufactured. The bidder shall also state the number of years it has been building rescue apparatus and its financial condition.
- 7.4. **References.** A list of Fire Departments for which the bidder has performed Brush Truck Builds similar in scope to the specifications described in **Exhibit C** over the past 5 years should be supplied along with the bid for evaluation.
- 7.5. **Availability of Parts and Services.** A statement showing the length of time that parts and services will be available after delivery of the apparatus and where such parts and service will be available.
- 7.6. **Apparatus Blueprint.** An agreement that a blueprint of the apparatus shall be provided by the bidder and approved by the RRFA before construction begins.
- 7.7. **Manuals and Diagrams.** An agreement that the bidder will supply to the RRFA at the time of delivery of the apparatus, the following documents:
  - 7.7.1. At least two copies of complete operation and maintenance manuals covering the complete apparatus as delivered.
  - 7.7.2. At least two copies of complete electrical wiring diagrams covering the complete apparatus as delivered.
- 7.8. **Weight Balance and Distribution.** A provision that the apparatus will be designed and the equipment mounted with due consideration to the distribution of load between the front and rear axles so that all specified equipment and personnel will be carried without injury to the apparatus. Weight balance and distribution shall be in accordance with the recommendations of the International Association of Fire Chiefs and National Fire Protection Association or American Insurance Association.
- 7.9. **Authority.** The bid must be signed by an authorized representative of the Bidder. The Bidder shall provide with the bid proposal, proof of such representative's authority to contractually bind the Bidder.
- 7.10. **Price.** The total bid price exclusive of state and local sales or use tax. Using Bid Price Form Attached as **Exhibit A**.

- 7.11. **Payment Terms.** The RRFA will not accept proposals that require down payments, progressive payments during construction, or contracts with escalator clauses. Terms shall be one hundred percent payment after final acceptance of the apparatus by the RRFA. No other terms shall be acceptable unless specifically agreed to by the RRFA. The bidder shall be aware that it may take thirty (30) days to process payment.
- 7.12. **Delivery Date.** The Bidder shall provide in the bid proposal the amount of time in which the Apparatus will be delivered to the RRFA. The delivery date shall be no later than April 22, 2025 subject only to labor strikes, acts of God or other delays not the fault of the Supplier. A provision that upon delivery of the completed apparatus to the RRFA, the RRFA shall have a period of ten (10) days after Delivery in which to inspect and test the apparatus prior to acceptance.
- 7.13. **Contract Modifications.** Purchase contract shall be substantially based on RRFA's proposed contract form attached to these Instructions as **Exhibit B**. If bidder cannot comply with any of the proposed contract terms, Bidder shall specifically identify such terms and provide an explanation of bidder's inability to comply.
8. **Compliance.** The RRFA advise all prospective Bidders that compliance with the requirements of these instructions to bidders as well as the Apparatus Specifications will be considered by the RRFA in determining whether to accept or reject any bid.
9. **Material Considerations.** Each of the requirements contained in this document are material and the failure of a Bidder to comply with each requirement may constitute grounds for the rejection of the bid in the discretion of the RRFA.
10. **Bidding Errors.** The RRFA will not be liable for any errors in any Bidder proposal and Bidders will not be allowed to alter or modify bids after the Bid submittal deadline. The RRFA reserve the right to correct or amend errors such as typing, transposition or other obvious errors, however, the RRFA is not required to make such corrections or amendments. If a Bidder claims error and asks to be relieved of an award, the Bidder will be required to promptly present certified work sheets documenting the error. If the RRFA, upon review of the work sheets is convinced, in the RRFA's sole discretion, that an honest, mathematically excusable error or omission of costs has been made, the Bidder, may be relieved of Bidder's bid. If a discrepancy exists between the price per unit and the extended amount of any bid item, the price per unit will control.
11. **Offer Irrevocable - Time Period.** All bid proposals shall be deemed to be offers to enter into a contract and shall be irrevocable for a period of sixty (60) days from the date of opening of the bids.
12. **Apparatus Specifications.** The Apparatus Specifications provided by the RRFA In **Exhibit C** are the minimum requirements. Any exceptions equivalent to or

exceeding the Apparatus Specifications must be specifically identified and the cost adjustment related to any such exception shall be clearly identified.

13. **Contract Documents.** The contract shall be substantially in the form attached as **Exhibit B.** The contract shall specifically enumerate all documents that are included by reference, which shall include the following documents:
  - 13.1. The formal written agreement executed by each party.
  - 13.2. The instructions to bidders and Apparatus Specifications prepared by the RRFA.
  - 13.3. The bid proposal submitted by the Bidder.
  - 13.4. All warranties covering the Apparatus.
  - 13.5. Performance bond, if applicable.
14. **Liquidated Damages.** If the successful bidder fails to deliver the completed apparatus to the location specified on or before the date specified in the contract, because of difficulty in computing the actual damages to the RRFA arising such delay, it is determined in advance and agreed by the parties that the Supplier shall pay the RRFA the amount of \$250.00 per calendar day until the Supplier delivers the completed apparatus to the location specified. The parties agree that this amount represents a reasonable forecast of the actual damages that the RRFA will suffer by failure of the Supplier to complete the apparatus within the agreed time period. The execution of the Contract shall constitute acknowledgment by the Supplier that the Supplier has ascertained and agrees that the RRFA will suffer actual damages in the above amount for each day during which the completion of the apparatus is delayed beyond the agreed completion date.
15. **Performance Bond.** Unless the purchase price is not due until after acceptance by the RRFA, the Supplier shall provide to the RRFA a 100% performance bond within 10 days after acceptance of the bid proposal and execution of the contract with the Supplier by the RRFA. The bond must be issued by a bonding company acceptable to the RRFA.
16. **Delivery Location.** Delivery of the Apparatus shall be F.O.B. 18002 108<sup>th</sup> Ave SE, Renton, WA 98055 or such other location designated by the RRFA or other municipal corporation purchasing of this bid.
17. **Warranty.** If the manufacturers warranty excludes warranties of any specific included components because such components are covered by the component manufacturer's warranty, the warranty of the component manufacturer shall be included with the bid proposal. Unless otherwise stated, the warranty of the manufacturer shall comply with the contract requirements and shall cover all components of the Apparatus including accessories.

- 17.1. The warranty obligation shall include the following:
- 17.1.1. All materials and required labor.
  - 17.1.2. All transportation and shipping costs for the Apparatus or any part of the Apparatus from the RRFA headquarters station to the place of repair and return.
  - 17.1.3. The term of the warranty or warranties.
  - 17.1.4. A copy of the warranty must be included in the bid.
18. **Statutes and Regulations.** The completed Apparatus must comply with all applicable federal statutes and regulations, applicable Washington statutes and regulations of the Department of Labor and Industries and all other applicable state regulatory agencies. In the event the Apparatus Specifications cannot be complied with without violating such requirements, the Bidder shall so state. The completed apparatus shall be able to pass a Washington State motor vehicle inspection for commercial vehicles without emergency vehicle exemptions
19. **Patents.** The Supplier shall defend any and all suits and assume all liability for any claims against the RRFA, or any of its officials, employees, and agents, for the use of any patented process, device or article forming a part of the Apparatus or any appliance to be furnished under the contract.
20. **Interlocal Bids.** Bids shall be subject to chapter 39.34 RCW, the Interlocal Cooperation Act, under which other governmental agencies may purchase through the bid proposal accepted by the RRFA. The RRFA accepts no responsibility for the performance of a purchasing contract by the successful bidder and the RRFA accepts no responsibility for payment of the purchase price by any entity purchasing under this provision.
21. **Conflict of Interest.** Bidders must certify, by signing below, that no officer, agent, or employee of the RRFA who have participated in the contract negotiations on the part of the RRFA have a pecuniary interest in the bid proposal and that the proposal is made in good faith without fraud, collusion, or participation of any kind by any other bidder under the same call for bids and that the Bidder is submitting the bid in its own behalf and not as an undisclosed agent of any person or firm.

I declare under penalty of perjury of the laws of the State of Washington that the above is true and accurate.

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**EXHIBIT A1  
Bid Price Form**

**To: Renton Regional Fire Authority**

**From:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Bid Proposal for Brush Truck Build**

The undersigned agrees to sell to Renton Regional Fire Authority One **Brush Truck Build**, constructed and finished as per the specifications herewith submitted for the following price exclusive of sales tax:

FOB \_\_\_\_\_ \$ \_\_\_\_\_

The time of completion from the date of bid award shall be \_\_\_\_\_ days.

Company \_\_\_\_\_

Address \_\_\_\_\_

Contact Person \_\_\_\_\_

Signature \_\_\_\_\_ Title \_\_\_\_\_

**EXHIBIT B  
CONTRACT FORM**

**AGREEMENT BETWEEN  
Renton Regional Fire Authority,  
AND \_\_\_\_\_  
FOR THE PURCHASE OF \_\_\_\_\_**

THIS AGREEMENT is made and entered into by Renton Regional Fire Authority, Washington municipal corporations hereinafter "RRFA"; and \_\_\_\_\_ "Vendor."

In consideration of the payments, covenants, and agreements hereinafter mentioned, to be made or performed by the parties hereto, the parties covenant and agree to the following:

**1. Term – Agreement.** The term "Agreement" as used herein, shall constitute this document entitled "Agreement between Renton Regional Fire Authority, and \_\_\_\_\_ for the Purchase of \_\_\_\_\_ and the following attachments which are incorporated by this reference:

**Attachment A**, entitled "Proposal," together with all specifications and drawings referenced in the Proposal.

**Attachment B**, entitled "Instructions to Bidders" as prepared by RRFA.

**Attachment C**, entitled "Apparatus Specifications" as prepared by RRFA and completed by Vendor.

**2. Term – Apparatus.** This Agreement is for the purchase of \_\_\_\_\_ together with all described parts, systems and equipment that conforms to the terms of this Agreement "Apparatus".

**3. Scope of Work**

**3.1.** Vendor agrees to build and deliver to the RRFA one (1) fully functional Apparatus that meets the specifications set forth in this Agreement and its various attachments.

**3.2.** The RRFA promises and agrees with Vendor to engage Vendor to provide the Apparatus as described in this Agreement and for Vendor to complete and finish the same according to the plans and specifications set forth in this Agreement and Attachments.

**3.3.** The parties agree that the Apparatus will conform to all Federal Department of Transportation rules and regulations in effect at the time of signing of the Agreement, and with all National Fire Protection Association guidelines for Automotive Fire Apparatus as published at the time of signing of this Agreement.



#### **4. Delivery and Risk of Loss**

- 4.1. Vendor agrees to deliver to the RRFA one (1) fully functional Apparatus, free of defects, that conforms to the specifications set forth in this Agreement on or before April 22, 2025 F.O.B. 18002 108<sup>th</sup> Ave SE, Renton, WA 98055; provided, the risk of loss for any defect or damage to the Apparatus shall remain with Vendor until the Apparatus is accepted by the RRFA.
- 4.2. Vendor shall, at the request of the RRFA, provide a representative to demonstrate the operation of the Apparatus and to train and instruct RRFA representatives regarding the operation of the Apparatus at the time of delivery.

#### **5. Time is of the Essence/Liquidated Damages**

- 5.1. The RRFA and Vendor agree that time is of the essence in the performance of this Agreement.
- 5.2. Liquidated damages at a rate of \$250.00 per calendar day shall be assessed against Vendor for the late performance of any condition or term set forth in this Agreement. Vendor's delay in the performance of any term of this Agreement shall be excused if the cause of such delay is beyond the control of, and without the fault or negligence of, Vendor, including acts of god, acts of the public enemy, acts of a government entity, fires, floods, and earthquakes directly affecting Vendor.

#### **6. Payment.**

- 6.1. **To be based on RRFA's selection of Vendor Proposal**
- 6.2. On receipt of payment, Vendor shall cause all titled equipment being purchased to be titled in the name of RRFA free and clear of any third party interests or liens regardless of the equipment location. The RRFA's ownership interest is intended as a security and shall not be construed as acceptance of the Apparatus.

#### **7. Inspection**

- 7.1. The RRFA is entitled to inspect the Apparatus at the times and in the manner specified in the Bid Specifications.
- 7.2. The RRFA representatives shall, at a minimum, be afforded twenty-four (24) hours of time to inspect the Apparatus during the inspection. Additional inspection time shall be afforded for the inspection of any item that is discovered by a RRFA representative to be defective. All deficiencies shall be corrected prior to the apparatus leaving the Vendor's facility.
- 7.3. There shall be a post-delivery final inspection conducted at the RRFA's premises to ensure that the Apparatus conforms to the terms of this Agreement and passes all inspections and tests as required by the RRFA or other laws or regulations prior to

acceptance of the Apparatus. The initial post-delivery inspection and testing shall be completed within thirty (30) days of delivery of the Apparatus. In the event the Apparatus fails to meet the tests as required by the RRFA on first trials, second trials may be conducted by the RRFA, at the sole option of the RRFA, within thirty (30) days from the date of the first trials. Such trials shall be final and conclusive.

- 7.4. Vendor specifically agrees that its failure to afford the RRFA the opportunity to inspect the Apparatus pursuant to the terms of this Agreement shall be sufficient cause, in and of itself, for the rejection of the Apparatus and a full refund of any prepaid purchase price.
- 7.5. Notwithstanding any right of inspection, Vendor shall notify the RRFA of any known or discoverable defect in the Apparatus that exists on the date the Apparatus is delivered or is later discovered by Vendor.
8. **Acceptance.** Acceptance of the Apparatus shall occur after the Apparatus passes post-delivery inspections and tests. Risk of loss for any defect or damage to the Apparatus shall remain with Vendor until the Apparatus is accepted. The fact that the RRFA uses the Apparatus for the inspection and tests shall not constitute acceptance.
9. **Rejection.** The RRFA reserves the right to inspect the Apparatus for any defects, irregularities, non-conformities, and defects in workmanship and appearance, and to reject a non-conforming or defective Apparatus. The RRFA will notify Vendor of the rejection of the Apparatus in writing. The RRFA will also provide Vendor with a written description of the reason(s) for rejection. The RRFA will hold the Apparatus in its possession with reasonable care at Vendor's disposition for a time sufficient to permit Vendor to remove the Apparatus. If Vendor gives no instructions within a reasonable time after notification of the rejection, the RRFA will store the Apparatus at Vendor's expense and such expense shall become a security interest in favor of the RRFA. The parties understand that in the case of rejection, the RRFA is not required to store the Apparatus in an enclosed area.

## **10. Cure**

- 10.1. If the RRFA has rejected the Apparatus for a defect or non-conformity, or the Apparatus has or develops a defect after acceptance of the Apparatus, Vendor shall have thirty (30) days to cure the defect; provided, Vendor provides the RRFA written notice of Vendor's intent to cure the defect and assures the RRFA that it is capable of curing such defect. The RRFA shall notify Vendor in writing of its discovery of any defect within thirty (30) days of the actual discovery of the defect. The cure of the defect shall be at the sole expense of the Vendor, and Vendor shall cover all costs of such cure. In the event the cure requires that the Apparatus to be transported beyond the limits of the State of Washington, Vendor shall, in addition to covering all costs of such cure, pay to the RRFA \$0.55 per mile that the Apparatus is driven to cover the wear and tear on the Apparatus.
- 10.2. Unless otherwise agreed to in a separate writing signed by the parties, Vendor shall have one opportunity to cure each defect for which it has been placed on notice or

which Vendor discovers. Any agreement to cure defects of the Apparatus shall not constitute a settlement of claims brought pursuant to the terms of this Agreement.

- 10.3.** If, at any time, Vendor discovers a defect in the Apparatus, Vendor shall, within two (2) days of discovery, notify the RRFA of such defects in writing and shall promptly cure such defect, if Vendor so chooses, pursuant to this section.

## **11. Warranty**

- 11.1.** Vendor warrants and guarantees that the Apparatus will be manufactured in accordance with the specifications set forth in the attachments to this Agreement. Vendor shall provide express warranties consistent with the requirements in the Bid Specifications.
- 11.2.** The implied warranties of merchantability and fitness for a particular purpose, as set forth in sections 62A.2-314 and -315 of the Revised Code of Washington, shall apply to the Apparatus. These implied warranties shall apply even though they may be disclaimed in an attachment to this Agreement or other documents supplied by the Vendor, such that this section shall prevail over such disclaimer, and such disclaimer shall not apply. The inspection of or failure to inspect the Apparatus shall not constitute a waiver or cancellation of the implied warranties.
- 11.3.** If the Apparatus or any component, unit, or subsystem is repaired, rebuilt, or replaced pursuant to this Agreement, such warranty work, component, unit, or subsystem shall have the remaining unexpired warranty of the Apparatus, the original component, unit or subsystem, or a warranty of six (6) months, whichever period is longer.
- 11.4.** Vendor shall provide all paperwork relating to warranty coverage of the Apparatus or their components to the RRFA upon delivery of the Apparatus. In the event of any discrepancy or inconsistency between the paperwork and this Agreement, the provisions providing the greatest warranty protection to the RRFA shall control.
- 11.5.** The warranty periods set forth in this Agreement shall not begin to run until the Apparatus is placed in-service by the RRFA. The RRFA will promptly notify Vendor of the date the Apparatus is placed in service and the mileage of the Apparatus when it is placed in-service. The warranty period set forth in this Agreement shall not run during any period in which the Apparatus is not functional due to a defect in the Apparatus so long as the RRFA places Vendor on written notice of the defect.
- 11.6.** In the event a component manufacturer requires that the purchaser register its purchase with the manufacturer to make effective a component manufacturer's warranty, Vendor shall take all steps necessary to register such purchase with the component manufacturer. In the event Vendor fails to properly register the RRFA's purchase with the component manufacturer, then Vendor shall assume the status of warrantor of such component as if such registration had occurred. The RRFA's failure to discover any defect during any inspection or at any other time shall not constitute a waiver of the warranty applicable to such defect.

**12. Performance Bond.** If any portion of the Purchase Price is payable prior to the RRFA's acceptance of the Apparatus, Vendor shall provide and execute a performance bond for the full contract amount unless waived in writing by RRFA. This performance bond shall:

**12.1.** Be signed by an approved surety (or sureties) that:

A. Is registered with the Washington State Insurance Commissioner, and

B. Appears on the current authorized Insurance List for the State of Washington published by the Office of the Washington Insurance Commissioner.

**12.2.** Be conditioned on and guarantee the faithful performance of the contract by Vendor within the prescribed time.

**12.3.** Guarantee that the surety shall indemnify, defend, and protect the RRFA against any claim of direct or indirect loss resulting from the failure:

A. Of Vendor (or any of the employees, sub-contractors, volunteer sub-contractors of Vendor) to faithfully perform the contract, and

B. Of Vendor (or the sub-contractors) to pay all laborers, mechanics, sub-contractors, volunteers, material person, or any other person who provides supplies or provisions for carrying out the work.

**12.4.** The RRFA may require the surety companies on the Performance Bond to appear and qualify themselves. When the RRFA deems the surety or sureties to be inadequate, it may, upon written demand, require Vendor to furnish additional surety to cover any remaining work. Until the added surety is furnished, payments on the contract will stop.

**12.5.** The parties agree that no liability shall attach to the RRFA by reason of entering into this Agreement except as expressly provided herein.

**13. Non-Assignment.** Vendor shall not assign this Agreement nor any part thereof, nor any monies due or to become due thereunder, without the prior written approval of the RRFA. Vendor shall not sublet any part of this Agreement without first having obtained the written consent of the RRFA to do so. IN CASE SUCH CONSENT TO SUBLET ANY PART OF THIS AGREEMENT IS GIVEN BY THE RRFA, IT SHALL IN NO WAY RELEASE VENDOR FROM ANY RESPONSIBILITY UNDER THIS AGREEMENT, AND VENDOR SHALL BE HELD IN ALL RESPECTS ACCOUNTABLE AS IF NO CONSENT HAS BEEN GIVEN. VENDOR WILL BE REQUIRED TO GIVE PERSONAL ATTENTION TO THE WORK THAT IS SUBLET.

**14. Indemnification.** Vendor shall defend, indemnify, and hold the RRFA, its officers, officials, employees, agents and volunteers harmless from injury and all claims, injuries, damages, losses, and suits including all legal costs and attorney fees arising out of or in connection with the performance of this Agreement except for injuries and damages resulting from the sole negligence of the RRFA. The RRFA's inspection or acceptance of the Apparatus when

completed will not be grounds to avoid any of these covenants of indemnification. The provisions of this section shall survive the expiration or termination of this Agreement. The RRFA shall: (1) promptly notify Vendor of any claim for which indemnification may be sought; (2) cooperate fully in the defense of such claim; and (3) permit Vendor to settle or compromise such claim on terms and conditions which, in good faith, it determines are appropriate.

- 15. Insurance.** The Vendor shall procure and maintain for the duration of the Agreement, insurance against claims for injuries to persons or damage to property which may arise from or in connection with the performance of the work hereunder by the Vendor, its agents, representatives, employees or subcontractors. The Vendor's insurance must be primary, and any insurance or self-insurance maintained by the RRFA shall not contribute to it. If any part of this Contract is subcontracted, these insurance requirements also apply to all subcontractors.
- 16. Discrimination.** In the hiring of employees for the performance of work under this Agreement or any sub-contract hereunder, Vendor, its sub-contractors, or any person acting on behalf of Vendor or its sub-contractor shall not, by reason of race, religion, color, sex, sexual orientation, national origin, or the presence of any sensory, mental, or physical disability, discriminate against any person who is qualified and available to perform the work to which the employment relates.
- 17. Severability.** If any term, provision, condition, or other portion of this Agreement, or its application to any person is held to be inoperative, invalid, or void, then the same shall not affect any other term, provision, condition, or any other portion of this Agreement or its application to any person.
- 18. Cumulation of Remedies.** All remedies available to either party for breach of this Agreement are cumulative and may be exercised concurrently or separately, and the exercise of any one remedy shall not be deemed an election of such remedy to the exclusion of other remedies.
- 19. Non-Waiver of Breach.** No term or provision hereof shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party claimed to have waived or consented. Any consent by any party, or waiver of, the breach of the other whether expressed or implied shall not constitute a continuing waiver of or consent to, nor excuse a different or subsequent breach. The failure of the RRFA to enforce one portion of this Agreement shall not constitute a waiver, or excuse the breach, of another portion of this Agreement.
- 20. Authority.** Each party has full power and authority to enter into and perform this Agreement, and the person signing this Agreement on behalf of each party has been properly authorized and empowered to enter into this Agreement. Each party further acknowledges that it has read this Agreement and understands and agrees to be bound by its terms.

**21. Choice of Law/Attorney Fees and Costs.**

- 21.1.** This Agreement shall be exclusively governed and controlled by the laws of the State of Washington, including, but not limited to, the State's Uniform Commercial Code as

contained in Chapter 62A.2 RCW. To the extent that this Agreement conflicts with the provisions of Chapter 62A.2 RCW, the terms of this Agreement shall control. Jurisdiction and venue for any action relating to this Agreement shall exclusively be in the Superior Court for Mason County, Washington. In the event of litigation concerning the terms of or performance under this agreement, the prevailing party, in addition to costs, shall be entitled to reasonable attorney's fees as determined by the court.

## **22. Termination**

**22.1.** This Agreement may be terminated in whole or in part:

**22.2.** By the RRFA if Vendor fails to deliver a conforming Apparatus within thirty (30) days after the time for delivery specified in this Agreement or after thirty (30) days for a cure of any defect or non-conformity. The RRFA shall notify Vendor of the termination, the reasons thereof, and the effective date.

**22.3.** By the mutual written agreement of the RRFA and Vendor. The Agreement to terminate shall include the conditions of termination, the effective date, and in the case of termination in part, the portion to be terminated.

**22.4.** After the effective date of termination, no charges incurred under this Agreement, or terminated portions thereof, are allowable.

**23. Notice to Proceed.** Vendor shall commence all work immediately upon execution of the Agreement and shall provide a performance bond, and a copy of an insurance policy(ies)/certificate(s).

**24. Sales Tax.** The RRFA shall be responsible for paying Washington State Sales Tax on the contract amount at a rate that is current when and where the unit is purchased. Sales tax collected by Vendor will be subject to WAC 458-20-145, Special Rule No. I.

**25. Ownership and Title.** Upon acceptance of the Apparatus and payment by the RRFA pursuant to this Agreement, ownership and title of the Apparatus shall pass to the RRFA free and clear of any interest or lien.

**26. Modification.** This Agreement may only be amended or modified by the mutual written agreement of the parties. All amendments or modifications shall be signed by both parties and be attached to this Agreement.

**27. Standard of Performance.** All work to be performed by Vendor shall be performed in a workman-like manner in accordance with generally accepted professional practices in effect at the time such work is performed.

**28. Notices.** Any notices to be delivered shall be directed to the attention of the following:



## **EXHIBIT C**

# **BRUSH TRUCK BUILD SPECIFICATIONS**

Unit F158 Brush Truck

Build will utilize the cab and chassis Renton RFA already possesses as described briefly immediately below

2024 Ford F-550 4WD Cab and Chassis - 1FD0W5HT8REC11646

- 179" wheelbase, 60" cab to axle
- 6.7 PowerStroke Diesel with Operator Commanded Regeneration
- Customizable speed limit
- Automated Emergency Braking removed
- GVWR Maximum, 19.5K lbs. 4.30 RAR w/limited slip
- Pro Power Onboard - 2kW
- Dual Batteries
- Dual Fuel Tanks, 40 aft of axle and 26.5 gallon mid-ship.
- Fire Rescue Prep Package w/ EPA Special Emissions

\*For more specific detail on cab and chassis, see Exhibit D, copy of Organization Purchase Request Detail – F158.

### **Buckstop Truckware Super Single Kit**

- **Lift Kit - 3.5"** Buckstop stage 3 suspension lift kit, 3 ½" coil springs, radius arms, heavy duty track bar mount, heavy duty sway bar, adjustable track bar
- **Shocks** – Premium nitrogen shock absorbers specifically engineered for the 3.5" super single lift. 10 stage valves with 35mm shaft\
- **Tires** - There shall be (5) super single front and rear tires. The tires shall be 335/80R20 MPT 81 40.6"H x 12.4" W with a load rating of 6779lbs at 96psi with a rated speed of 68 MPH.
- **Wheels** - There shall be (5) wheels for the front and rear tires. Wheels shall be a one-piece DOT compliant aluminum wheel powder coated black, 20 x 10. Wheels shall be manufactured with the chassis specific reversible bolt pattern.
- **Skid plates** – all skid plates to be powder coated black steel material. Skid plates to cover under radiator, transmission and transfer case.
- **Speedometer Correction**

NOTE: THE END USER MUST BE AWARE THAT LIFTING THE CHASSIS AND ADDING LARGER TIRES WILL ALTER THE VEHICLE'S 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.

### **Super Single Fenders**

There shall be two (2) fiberglass blend fenders directly bolting to the chassis. The fenders shall provide full coverage for the super single tires and have a black Line-x finish.

### **Spare Wheel and Tire**

There shall be one (1) spare wheel and tire that will be the same make and model as the chassis wheels and tires. One aluminum cab mounted spare tire mount / rack to be installed on top of the cab. 1/8" aluminum frame will be mounted directly to the cab top. On top of the frame will be an 1/8" solid aluminum base along with an equipment basket closure. A super single spare tire mount will be mounted in the center of the rack. (2) 32" scene lights will be mounted to the side of the basket. Lights to be recessed and flush with the outer face, to provide protection.

### **Front Bumper and Grill Guard**

#### **Buckstop Bumper Classic 2 with extension**

A Classic 2 Buckstop Bumper shall be mounted to the front of the chassis. The bumper shall be made from carbon steel with a black hammered powder coat finish. The bumper shall be made from 0.25" carbon steel in the primary impact zone and winch center and 0.1875" carbon steel under the headlights.

Two (2) Westin fog lights shall be mounted recessed into the bumper. A hose tray shall be mounted into the bumper between the chassis grill and the winch opening. The hose tray shall measure 28" x 4.5" x 9.5" and shall sit flush with the top of the bumper. Two CFE siren speaker covers will cover the composite siren speaker mounted behind the front bumper face. Two welded on shackle mounts will be welded directly to the front bumper and house two 18,000 lb Warn shackles.

### **Winch**

#### **Warn 16.5 (synthetic rope)**

A Warn 16.5 Ti-S winch shall be mounted in the center of the front bumper. The winch shall have a rated line pull of 16,000lbs. The winch shall include a controller.

### **Front Bumper Spray System**

#### **Spray Nozzles**

There shall be four (4) stainless steel spray nozzles mounted on the front bumper. Each nozzle shall have spray coverage of 120 degrees and have a flow rate of 15-30 GPM. The nozzles shall be controlled by (2) electric valves from inside the cab.

### **Front Bumper Mounted Discharge**

#### **Manual 1.5" discharge**

There shall be one (1) aluminum quarter turn valve mounted to the passenger side of the bumper. The valve shall be attached to a four bolt .375" stainless steel flange. The flange profile will precisely match the profile of the valve body to ensure proper fitment. The flange shall be TIG welded to a 90 degree stainless steel pipe that connects to the water supply from the tank.

### **Aluminum Flatbed Body**

#### **Equipment Flatbed**

A flatbed shall be mounted to the chassis frame rails in a manner to allow for body/chassis flex during off road conditions. The bed shall be constructed from military grade aluminum and shall be 100% fully welded. The bed shall be 120" long x 96" wide.

The flatbed side rails shall be made from a 6" extruded aluminum, creating a recessed area for mounting emergency lights and filling ports. The extrusion shall provide two steps on the backside of the side rail to support the cross members. The body shall have all DOT required lights and markers installed. The fuel filler tube and cap shall be installed on the driver's side, rear of the body. A hose compartment shall be located at the rear of the flatbed and be covered with a drop down door. The compartment shall contain 3 PVC tubes running the length of the bed.

The rear tail apron of the flatbed shall be made from 4" aluminum square tubing with a .125" flat aluminum sheet. The tail apron shall include all DOT required lights and markers. It shall include a 7 prong trailer plug in.

The flatbed shall carry a lifetime warranty

The flatbed shall be powder coated black.

#### **Rear Receiver**

The rear of the chassis shall be equipped with one (1) square steel tube receiver assembly for trailer and winch applications. It shall be attached to the frame assembly.

#### **Rear Steps**

The receiver will be equipped with two drop down style steps. These remain tucked up and out of the way while in the closed position under the hitch.

#### **Rear Mud Flaps**

The chassis shall be supplied with mud flaps. The mud flaps shall be installed behind the rear wheels.

#### **Cab Steps**

### **Cab Length 86" running board steps**

The cab shall be equipped with cab length steps with a black powder coated finish on each side of the chassis. The running boards shall provide drainage for water and debris while allowing for aggressive traction for footwear.

### **Water Tank Specification**

The water tank shall have a capacity of 400 gallons and foam cell of 10 gallons. The foam cell shall be integrated in the construction of the tank and consist of no external welds. To ensure proper design and avoid possible damage during transit, the water tank shall be manufactured at the same facility the tank will be installed.

### **Water Tank Construction**

The tank shall be constructed of .5" thick polypropylene sheet stock. This material shall be non-corrosive stress relieved thermo-plastic, natural black in color and U.V. stabilized for maximum protection. All parts of the tank shall be cut using a CNC (Computer Numerical Controlled) machine to ensure proper tolerances are met. Materials used shall be compatible with fire fighting foams, retardants and wetting agents, and meet FDA requirements for potable water. All joints and seams shall be extrusion double welded and tested for maximum strength and integrity. The transverse baffle partitions shall be manufactured of .5" stock of the same material and extend from the floor of the tank to the cover to allow for positive welding and maximum integrity. All partitions shall be equipped with vent and air holes to permit movement of air and water between compartments. The partitions shall be designed to provide maximum water flow. All baffle partitions shall interlock with one another and be welded to each other, as well as to the walls of the tank. . Tank fill connections shall be backed with flow deflectors to diffuse the stream entering the tank. The end wall of the tank shall have a vertical translucent panel sight gauge. There shall be blocks made from .75" polypropylene welded to the top of the tank for mounting the cover. The blocks shall be drilled and tapped for threaded inserts.

The tank capacity shall be certified and recorded on a data plate. The plate shall be made from .125" aluminum with a powder coated finish. The plate shall be mounted to the face of the tank and will have the tank capacity, foam capacity, pump, serial number and job number. All information shall be laser etched to ensure readability and longevity.

The water tank shall be constructed to conform to applicable NFPA standards and carry a lifetime warranty against faulty workmanship.

### **Water Tank Fill Towers**

The tank shall have a combination vent and manual fill tower. The fill tower shall be constructed of 1/2" polypropylene and shall be a minimum dimension of 8" x 8" outer perimeter. The tower shall have a 1/4" thick, removable polypropylene screen and a

polypropylene stainless steel hinged cover. A combination vent and overflow pipe inside the fill tower, approximately 1½” down from the top, shall be fastened to a combination vent outflow pipe. The vent overflow shall be a schedule 80 polypropylene pipe. The tower shall be labeled with a stainless steel tag identifying the WATER tower and FOAM tower.

### **Fill Tower Location**

The water fill tower shall be located on the driver side and the foam fill tower shall be located on the passenger side.

### **Water Tank Sump System**

Tank shall have an internal sump/baffle system of same material and construction. The sump shall have a minimum 1½” threaded outlet on the bottom for a drain plug. This shall be used as a combination clean out and drain. The internal piping shall be scheduled 80 polypropylene pipe and all joints will be connected with G.F. electrofusion. The piping will terminate ½” from the bottom of the sump. The tank shall be equipped with an anti-cavitation device.

### **Water Tank Diamond Plate Cover**

The entire water tank top shall be covered with a .1875” aluminum diamond plate with broken edges a minimum 1”, welded and finished. The cover shall attach to the top of the tank using stainless steel fasteners to the blocks on the tank. The cover shall have a black powder coat finish.

### **Aluminum Storage Basket**

#### **Water Tank Storage Basket**

One (1) storage basket shall be installed on top of the water tank. The basket shall be constructed from .125” aluminum and run mostly along the outside perimeter of the tank and inside the perimeter of the fill towers. The height of the basket shall be approximately the same finished height as the tank fill towers. The basket shall have a black powder coat finish.

### **Fire Pump**

#### **Darley 1.5 AGE**

A Darley model 1-1/2AGE 24K diesel powered, centrifugal pump shall be provided. The high pressure pump, gear driven, engine mounted shall meet the following performance requirements.:

3.17 Ratio, High Pressure Impeller  
25 gpm (95 L/M) @ 375 psi (25.9 bar)

75 gpm (284 L/M) @ 245 psi (16.9 bar)  
120 gpm (454 L/M) @ 150 psi (10.3 bar)

### **Pump Design:**

Hard anodized aluminum alloy pump casing and discharge  
Aluminum alloy gear case and engine adapter  
Bronze impeller and wear rings  
Stainless steel impeller shaft  
Mechanical seal  
Heat treated alloy steel helical gears  
Ball bearing construction  
Tachometer  
Overridable engine shutdowns  
2" NPT suction  
2-1 1/2" NPT or 1-2 1/2" NPT discharges  
Skid base

Engine: Kubota D902 Diesel: 24 HP, liquid cooled, 12 volt starter, 40 amps. Alternator, fuel and oil pump filters

### **Fuel System for Pump**

#### **Chassis Fuel Tank**

The fuel system for the fire pump shall be plumbed from the chassis fuel system. There shall be a separate fuel pickup tube mounted in the chassis fuel tank specifically for a separate engine driven pump. There shall be an electric fuel pump with spin on fuel filter and flexible fuel hose furnished between the chassis fuel tank and the pump.

### **Pump Engine Oil Drain**

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

### **Stainless Steel Plumbing System**

The plumbing shall be constructed of stainless steel pipe and will be full flow and seamless. There shall be no visible welds on the plumbing and all manifolds will be one continuous piece. Only fire hose threads shall be utilized on all manifolds and hoses. High pressure hose with a minimum 500 psi rating shall be utilized to provide vibration control to the pump unit. When flex line is used, it shall connect to stainless plumbing utilizing expansion ring couplings for suction lines and bar-way couplings for discharge lines. All couplings shall utilize fire hose threads. All manifolds shall be supported with stainless steel foot brackets. The brackets shall attach to the pump platform using stainless steel fasteners. No part of the plumbing system, valve, cap or plug shall protrude past the end of the pump package.

All stainless steel manifolds shall carry a lifetime warranty

## **Valves**

All valves that are 1" or larger shall be full flow, quarter turn, swing out style fire service design, and manufactured in the United States. The valves will be designed with seats on both sides of the ball to make them dual directional to ease with repair and/or replacement. The valve body shall be made from extruded aluminum bar stock, machined and finished with a Class 3 Type 2 hard coat anodize to prevent corrosion. Unless a remote is used, the valve handle shall be made from stainless steel with an injection molded ball and the end of the handle. The valve shall be attached to a four bolt .375" stainless steel flange that is welded to the stainless steel pipe manifold. Valves shall be labeled per function. An aluminum label with a powder coated finish shall be attached to the top of the valve. To ensure readability and longevity, the label shall be marked using a fiber laser.

## **Tank to Pump & Draft Line**

There shall be one (1) 2" seamless stainless steel manifold serving as the tank to pump line and also the draft line. The line shall consist of one (1) 2" stainless steel manifold, one (1) high pressure flex hose, one (1) 2" valve and one (1) 2" NPSH chrome cap. The manifold will connect to the suction side of the pump directly. The end of the manifold shall be finished with 2" NPSH threads and have a 2" NPSH chrome cap attached with a chain. The valve shall be controlled by a manual remote control rod. The handle on the remote shall be laser etched to read "SUCTION".

## **Hydrant Fill Line**

### **2.5" Hydrant Fill**

One (1) 2.5" hydrant fill line shall be provided. The line shall consist of one (1) seamless stainless steel manifold, one (1) high pressure flex hose, one (1) 2" valve with a 2.5" NST female swivel and one (1) 2.5" NST chrome plug with chain. The line will come directly from the tank, to the end of the platform. The valve label shall be laser etched to read "HYDRANT FILL"

## **Tank Fill Line**

One (1) 1" tank fill line shall be provided. The line shall consist of one (1) seamless stainless steel manifold, one (1) high pressure flex hose, and one (1) 1" valve. The line shall run up from the main discharge manifold parallel to the water tank and connect to the tank utilizing a 90 degree stainless steel manifold. The manifold will have a 1/8" port for the bypass line. The valve will be equipped with a remote rod control to an aluminum tee handle with powder coat finish that is located at the rear of the platform. The handle shall be laser etched to read "TANK FILL".

### **Hose Reel Discharge Line**

Two (2) 1" hose reel discharge line shall be provided to supply water to the hose reels. The line shall consist of one (1) seamless stainless steel manifold, one (1) high pressure flex hose line, and one (1) 1" valve. The line will connect from the main discharge line, reducing from 1.5" to 1", and lead to the hose reel. The valve label shall be laser etched "REEL".

### **Rear Discharge Line**

One (1) 1.5" discharge line shall be provided at the end of the platform on the passenger side. The line shall consist of one (1) seamless stainless steel manifold, one (1) 1.5" valve with a male 1.5" NST flange and one (1) 1.5" chrome cap with chain. The manifold will be one continuous piece connected from the main discharge manifold. It will have a 1/8" port for the bypass line. The valve label shall be laser etched to read "DISCHARGE".

### **Front Bumper Discharge Line**

#### **Rear Platform Front Bumper Discharge Line**

One (1) 1.5" front bumper discharge line shall be provided to supply water to the front bumper. The line shall consist of at least one (1) stainless steel manifold, one (1) high pressure flex hose line and one (1) 1.5" valve. The line shall connect from the main discharge manifold to the valve and turn 90 degrees down below the flatbed. It will connect to the flex line and run towards the front bumper on the passenger side. The valve label shall be laser etched to read "FRONT BUMPER".

### **Bypass Line**

One (1) .25" bypass line shall be provided to cool the pump while idling. The line shall consist of one (1) .25" quarter turn valve and (1) 3/8" poly tube hose. The valve will connect to the port on the rear discharge line and the poly tube hose will connect the port on the tank fill line. The poly tube hose shall be covered in loom and run cleanly along the plumbing manifolds.

### **Hose Reel**

Two (2) Hannay hose reels model EF4024-17-18 shall be installed. Each reel shall have a removable riser, swivel ball joint, 1/2 HP electric motor, adjustable brake, high mount bracket with roller & spool assembly, and a manual crank rewind. Each reel shall be mounted on rear platform drawers facing outward. Reels to be painted black.

### **Hose Reel Hose**

#### **300 PSI Booster Hose**

Two (2) 3/4" x 100' lengths of booster hose shall be installed on the hose reel. The hose shall be equipped with one (1) 1" Cascade bail handle shut off and one (1) 1" Cascade Ranger Nozzle. The threads shall be NPSH.

### **Pump Control Panel**

A control panel shall be provided and mounted to the pump platform. The panel body shall be constructed of stainless steel and the removable faceplate shall be made from .125" aluminum. The face plate shall be powder coated and each function labeled using a fiber laser to ensure readability and longevity. Wiring is to be protected in conduit and run to a circuit breaker. A Schrader fitting shall be attached to the side of the panel body for winterization. A wiring diagram of the pump panel shall be provided on the inside of the back cover. The pump control panel shall be manufactured in the United States. The standard panel shall include the following:

- Throttle
- Choke
- Electric Primer
- Stop – On – Start
- Low pressure shutoff
- Indicator lights for power and oil pressure
- Combo gauge, 30" vacuum, 0-400 psi, silicone filled, 3.5" freeze protected with a polished stainless steel ring
- Winterizing port

### ***Additional panel options to include as needed***

- Electric Throttle
- Dual Water/Foam Gauge
- Foam System Controls

### **Auxiliary Pump Panel**

An auxiliary pump panel shall be provided and installed in the emergency console. The panel shall be constructed of .125" aluminum and have a black powder coat finish. The panel shall include the following:

- Digital water pressure gauge



- On – Start – Off push buttons
- Electric throttle toggle
- Water gauge
- Foam gauge
- Glow plug indicator
- Oil pressure indicator
- Coolant temperature

All functions on the panel shall be laser etched to ensure readability and durability.

### **Foam System**

A (class A) foam-metering device shall be installed inside the control panel housing and be plumbed into the hose line. This device shall utilize a small amount of water from the discharge side of the pump, pick up foam concentrate from the foam supply, and feed the foam solution into the suction side of the pump. For ease of operation, a single selector valve controls flow (with OFF setting) and the percentage of foam metered into the pump, from .01% to 1%. Foam solution shall be available to all outlets. Operation shall require selection of only one control, for ease of training and function. The foam system shall be manufactured in the United States. Foam flow will be located inside the control panel.

### **Pump Package Platform and Subframe**

The entire pump package consisting of the water tank, pump, plumbing system and panel shall be attached to a 2" tubular aluminum frame. The frame is constructed so that the tank is fully supported with the areas between the interior frame not exceeding 540 square inches. The frame shall include mounting flanges to the flatbed. A .750" sheet of polypropylene plastic shall be placed on top of the frame. The sheet shall have brass inserts for all mounting brackets and components for the pump package. All components shall be fastened using stainless steel bolts. The pump platform shall be covered with a single, seamless .1875" aluminum diamond plate with a minimum 2" broken edge, welded and finished. The cover sheet shall have a powder coat finish. All components shall be mounted on the pump platform.

### **Fuel Fills**

The flatbed will have a secured mounting spot with access to the fill cap for the DEF tank, front diesel tank, and the rear diesel tank.

## **Platform Step**

One (1) aluminum step shall be mounted over the plumbing on the driver's side of the platform. The step feet shall be constructed from .125" aluminum sheet and the top constructed from .1875" aluminum diamond plate. The top shall have a cutout handle to assist in climbing the apparatus. The step shall have a black powder coat finish.

The rear of the truck shall have a clear path for stepping and grab handles free of obstruction, from the ground to the top of the tank.

## **Compartment Construction**

The compartments shall be constructed from .125" aluminum with a smooth powder coated finish (red). Side and underbody compartments will utilize an aluminum extrusion on all door frames. The extrusion will provide two surfaces where weather stripping can be placed to provide a double seal around the perimeter of the door. Transverse and drawer compartments will utilize an aluminum extrusion on all door frames that provides one surface where weather stripping can be placed. The doors of the compartment shall have a slam latch style closure utilizing a quarter turn T-handle. Side, transverse and underbody boxes will be equipped with LED lighting that will turn on when the door is opened and off when it is closed. Each compartment shall be vented and lined with turtle tile decking. All doors shall be keyed identically and two (2) keys shall be provided for each door.

## **Transverse Compartment**

One (1) transverse compartment shall be installed in front of the water tank. The approximate dimensions of the compartment will be 96" long, 42" tall, and 24" deep. The compartment shall be equipped with two (2) swing out doors on each side and will be assisted in opening with a gas shock. There shall be a chest style opening accessible from on top of the tank to access the upper section of the transverse box.

Upper section of transverse box to include a custom hitch bracket to hold 4' manual SpitzLift crane with 37" mast. SpitzLift crane (model LTM424) to be mounted inside the upper compartment of the transverse box.

A 20" wide x 90" long internal tray will be mounted on a OSS dual directional slide. Slide tray is capable of sliding out the driver and passenger side of the vehicle 70% of overall length. A vertical divider will be bolted to the slide tray for mounting additional equipment.

## **Driver Side Compartment**

One (1) two compartment box shall be installed on the driver's side of the bed. The approximate dimensions of the compartment will be 62" long, 35" tall and 22" deep. Both doors to be opened in an upward motion, creating two separate compartments. The lift door will be equipped with two (2) gas shocks and one (1) Kevlar webbing pull strap. The lower compartment will be equipped with one (1) adjustable and removable shelf. Upper and lower

compartments to be equipped with turtle tile flooring and keyed alike. Box finishes to be a red powder coat to match the chassis. A 30" Whelen Pioneer Summit #S30MB light will be mounted in the upper compartment door, flush with the outside edge. Light will be operational from the in-cab controller.

### **Passenger Side Compartment**

One (1) two compartment box shall be installed on the driver's side of the bed. The approximate dimensions of the compartment will be 68" long, 35" tall and 22" deep. Both doors to be opened in an upward motion, creating two separate compartments. The lift door will be equipped with two (2) gas shocks and one (1) Kevlar webbing pull strap. The lower compartment will be equipped with one (1) adjustable and removable shelf. Upper and lower compartments to be equipped with turtle tile flooring and keyed alike. Box finishes to be a red powder coat to match the chassis. A 30" Whelen Pioneer Summit #S30MB scene light will be mounted in the upper compartment door, flush with the outside edge. Light will be operational from the in-cab controller.

### **Platform Drawer Compartment**

Two single drawer compartments shall be installed on the platform. The compartment shall be located on the rear portion of the platform on the outside edges. The approximate dimensions of the compartment will be 24" long, 17" wide, and 8" tall. The drawers shall pull out the full length of the box. Both drawers to be equipped with turtle tile flooring and keyed alike. Box finishes to be a red powder coat to match the chassis.

### **Underbody Compartment**

#### **Side Vehicle Swing-Out Step**

Two side vehicle swing-out steps shall be installed under the flat bed next to each of the underbody compartments. The frame of the step shall be one seamless continuous piece of stainless steel. A diamond plate step shall be installed onto the stainless steel frame. Step shall mount underneath the underbody compartment and shall hang no lower than 4" from bottom of the underbody compartment. The step shall deploy by swinging out towards the rear of the flat bed. A stainless frame which also serves as the handle shall lock into place utilizing a 2" receiver. The step shall support a minimum weight of 500lbs.

#### **Wheel Chocks**

Off road metal wheel chocks should be located within a secured holder behind the rear drive tire, mounted to the top of the flat bed.

#### **Air Compressor**

An on-board ARB maximum output air compressor to be mounted in the driver side underbody box. Compressor to have air chuck supply lines ran to both underbody boxes. On/Off operation of the compressor will be operated from in-cab utilizing the chassis AUX 1 toggle.

## **12 Volt Electrical Specifications**

The apparatus shall conform to latest DOT standards, applicable NFPA requirements and current automotive electrical standards. Wiring shall be rated to carry 125 percent of the maximum current for which the circuit is protected. There shall be no exposed wiring, loose wiring or terminal connections unless enclosed in the electrical box. All wiring outside of the electrical box shall be loomed. Wiring shall be secured to plumbing, baskets, compartment flanges, etc. in a way that protects the wiring from snagging and also delivers a clean appearance. All connections in the electrical box shall be clearly marked as to their function.

### **Electrical Terminal Box**

An electrical terminal box shall be provided. To prevent weather damage, the box shall be located inside the cab of the chassis underneath the back seat. The box shall utilize factory mounting points and will not interfere with the operation of the seat or the legroom of the passengers. The box shall be vented and constructed from polypropylene material to prevent ground outs. The lid shall open and close on a hinge and be made from aluminum and finished with a black hammered powder coat. The electrical box shall contain the components to control the emergency lighting package, Kussmaul auto charger, and if space allows, customer provided radios.

### **Master Disconnect**

A battery disconnect system shall be installed to control the 12 volt power supply from the battery to the manufacturer installed equipment. The solenoid shall be controlled by the standard key starter switch. The switch shall be located on the driver side of the cab near the emergency brake lever.

### **Battery Charger and 120 Volt Shore Power Receptacle**

A Kussmaul Auto Charge 1200, Model 091-187-12, high output automatic battery charger shall be provided. The battery charger shall be wired to the 12 volt battery system. The unit shall be mounted inside the electrical terminal box and be wired to the specified shore power receptacle.

The system shall also include model 63-11-3106 20 amp auto-eject shore power receptacle with hinged weatherproof cover and enclosure for protection against dirt and damage. It shall include a digital status display center. The shore power plug shall be ejected when the chassis engine starter is engaged and the receptacle shall be wired to any 120 volt AV

equipment requiring shore power. The receptacle shall be red in color and be located on the rear tail apron, driver side.

Components wired hot: **Determined at pre-construct conference**

### **DOT Identification Lights**

All LED identification lights shall have a lifetime warranty from the light manufacturer, The lens colors should match the light output colors. They shall all be installed on the vehicle as required by applicable highway regulations.

### **License Plate Mounting**

A LED license plate light shall be installed on the rear of the tail apron to illuminate the license plate.

### **Rear Camera**

The rear camera should integrate into the OEM chassis and cab screen.

### **Ground Lighting**

Shall have white light illumination while in Park and with a button labeled "Ground Lights" from the Whelen controller in the cab. Lights shall be 2 in the front, 2 in the rear. The lon light over the rear wheels shall be replaced with a M6V2R. Lights under cab doorsteps as well, free of obstructions from the road.

### **Emergency Lighting System**

The driver's front fender shall contain (1) ARGES2 spot/flood light, attached using ARG47DD, with a control head mounted in the center console.

The Logic/programming for the lighting shall include the following: In response mode, white lights shall only be activated for forward facing capable lights.

In response mode, white lights shall not be activated while the vehicle is in Park.

In response mode, the traffic preemption device shall not be activated while the vehicle is in Park.

In response mode, the traffic preemption device shall be activated when the vehicle is out of park.

The white lights in all emergency lighting packages shall be activated with each corresponding side scene light at 100% brightness.

The emergency lights shall be DVI capable and shall have slower and softer flash patterns in park. Additionally, the photocell in the lightbar shall be used so that the light intensity on the whole truck can be lowered for darker ambient scenes.

### **Chassis Emergency Light bar**

Light Bar to be 54" Liberty II Duo WCX as specified in added documents. Include a PE215 strobe supply to power the strobe in the lightbar. RFA can program the power supply so that the strobe is coded to its area.

### **Front Emergency Lights**

The front grill shall have installed a total of (4) TLI2DX, DUO T-Series, smoked lens, red/white. The lights will be installed in a way to provide maximum lighting and not be obstructed by the grill guard. The lights shall be programmed with different lighting patterns and also are able to be utilized as scene lights.

### **Driver Side Emergency Lights**

One (1) Whelen TLI2DX, DUO T-Series, smoked lens, red/white and three (3) Whelen TLI2DX, DUO T-Series, smoked lens, red/white shall be installed. One (1) TLI2DX, DUO T-Series, smoked lens, red/white light shall be installed on the fender at approximately the same height as the side mirror. Three (3) TLI2DX, DUO T-Series, smoked lens, red/white Lights shall be installed on the frame rail of the flat bed, evenly spaced between the front and rear of the bed. The lights shall be dual color enabled RED/WHITE. The lights shall be programmed with different lighting patterns and also are able to be utilized as scene lights.

There shall be a 6-module red/white Tracer mounted above the cab steps on each side of the truck. Logic for the Tracer: Door open, all white at 50% intensity. Either driver door shall only activate the driver's side Tracer. Either passenger door shall only activate the passenger side Tracer. While the truck is on and not in response the red lights shall be on a cruise setting that is low intensity. While responding the Tracers shall have a flash pattern that flashes white and red. When the truck is responding but in Park, the flashing white lights shall be turned off

### **Rear Emergency Lights**

Two (2) Whelen TLI2DX, DUO T-Series, smoked lens, red/white lights shall be installed on the frame rail of the flatbed, one on the driver side and one on the passenger side. Two (2) TLI2DX, DUO T-Series, smoked lens, red/white lights shall be installed on rear sections of side boxes located above Hannay hose reels. The lights shall be dual color enabled

RED/WHITE. The lights shall be programmed with different lighting patterns and also are able to be utilized as scene lights. One (1) Whelen 24" dominator traffic advisor shall be installed in the equipment basket between the tank fill towers. The light shall be recessed inside the basket to protect the light from damage. It shall be powered with amber lights and have directional capabilities.

### **Passenger Side Emergency Lights**

One (1) Whelen LED Ion light and three (3) Whelen LED Ion lights shall be installed. One (1) Ion light shall be installed on the fender at approximately the same height as the side mirror. Three (3) Ion Lights shall be installed on the frame rail of the flat bed, evenly spaced between the front and rear of the bed. The lights shall be dual color enabled RED/WHITE. The lights shall be programmed with different lighting patterns and also are able to be utilized as scene lights.

There shall be a 6-module red/white Tracer mounted above the cab steps on each side of the truck. Logic for the Tracer: Door open, all white at 50% intensity. Either driver door shall only activate the driver's side Tracer. Either passenger door shall only activate the passenger side Tracer. While the truck is on and not in response the red lights shall be on a cruise setting that is low intensity. While responding the Tracers shall have a flash patten that flashes white and red. When the truck is responding but in Park, the flashing white lights shall be turned off

### **Platform Work Lights**

One (1) 16" Whelen Summit S161MB rear facing scene light shall be installed in the tank equipment basket to provide area lighting for the pump platform. The light shall be recessed in the basket to protect them from damage.

### **Electronic Siren and Light controller**

One (1) Whelen Cencom Core Light/Siren controller with OBDII connection shall be installed in the emergency console. The controller will have a four position rocker switch (Off-1-2-3) to control the light pattern, a turn dial to control the siren (Wail, Yelp, Hands Free, Dual Tone), a handheld P/A, and 9 buttons for individual light controls. The 9 buttons will function as follows:

1. Air Horn
2. Left Alley
3. Take Down
4. Right Alley
5. 360 Scene lighting
6. Cruise
7. Rear Cut
8. Traffic controller

## 9. Fog lights

### **Vehicle to Vehicle Sync**

A Vehicle to Vehicle sync module shall be provided with the Whelen Cencom Core controller. The module will allow the apparatus to sync lightbar functions with other equally equipped and programmed vehicles.

### **Siren Speaker**

One (1) Whelen 100 watt speakers shall be provided and installed behind the front bumper, one on each side. The speaker shall have a cover to protect it from road debris and damage.

### **Back-up Alarm**

One (1) back up alarm shall be installed

### **Back-up Camera System**

One (1) Rear view camera shall be installed on the rear of the tail apron, above the suction hose compartment. The camera shall project an image on the chassis provided screen when the vehicle is placed in reverse.

### **Emergency Console**

A console shall be installed in the cab of the chassis. The console shall be a wide body style and 30" long with a 22" flat surface and an 8" sloped surface. The console shall be of all welded construction made from 11 gauge steel with a black powder coat wrinkle finish. The console shall attach to a steel floor plate that utilizes factory mounting holes. The console shall be manufactured in the United States. The console shall include the following:

- Emergency Lights/Siren Controller
- Arges Controller
- Customer provided 800 mhz Radio and VHF radio
- Spray nozzle control plate – Left and Right control
- Charging plate - Two (2) 12V plug-in chargers & two (2) USB chargers
- Auxiliary pump panel
- Beverage holder plate – two (2)
- Sunglasses holder/change holder



Door ajar light – indicate when compartment doors are in the open position.

- Customer provided portable radio chargers
- Open storage pocket – passenger side

Controls for the pump package include pump pressure gauge, start, stop and throttle controls of the pump, tank level displays, and ground spray controls.

### **Scene lighting**

Each side of the truck, towards the top middle shall contain (1) black Whelen Summit 30” spot/flood light bar.

Above the cab, on the tire carrier, each side should contain (1) black Whelen Summit 30” spot/flood light bar.

### **Rear Chevron Striping**

There shall be alternating chevron striping installed on the rear tail apron and rear frame rail of the flat bed. The chevron striping shall consist of 6” diamond grade in red and reflective black.

### **Final Assembly and Finishing**

The apparatus shall be assembled and finished in a high quality, temperature controlled environment. The fit, form and finish of the entire build shall be to the highest level of fire apparatus manufacturing standards.

### **Fire Pump Operations Test**

The fire pump shall have an operational pump test performed by a Cascade Fire pump technician with a run time of one (1) hour to confirm proper operation of all pump related components.

### **Electrical Load Analysis**

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

### **Road Test**

A road test will be conducted with the apparatus fully loaded and a continuous run of no less than fifteen (15) 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.

### **Apparatus Warranty OEM Items**

All OEM items and workmanship shall have a warranty of five (5) years and the water tank, stainless steel plumbing, storage compartments and flatbed shall have a lifetime warranty. All other components are subject to manufacturer warranty. For warranty issues please contact OEM or an authorized OEM dealer.

### **Pre-Construction Meeting**

A pre-construction meeting shall be conducted at the manufacturer's facility. The transportation to this meeting shall be the responsibility of the purchaser. A zoom meeting can take place of the in-person meeting if the purchaser chooses.

### **Drawings**

There shall be design drawings submitted to the purchaser prior to the beginning of construction. The CAD drawings shall include all sides and details of the apparatus. The purchaser shall agree to the drawings reflecting the correct design and layout prior to construction.

### **Terms of Payment**

Terms of payment for the apparatus shall be cash or equivalent on delivery and acceptance of the unit.

### **Demonstration and Familiarization of Vehicle**

The bidder shall demonstrate and familiarize the purchaser regarding the vehicle's operation. This shall include operation of the chassis, major components, review of delivery information and documentation. The demonstration shall be completed at Cascade Fire Equipment headquarters located in White City, Oregon.

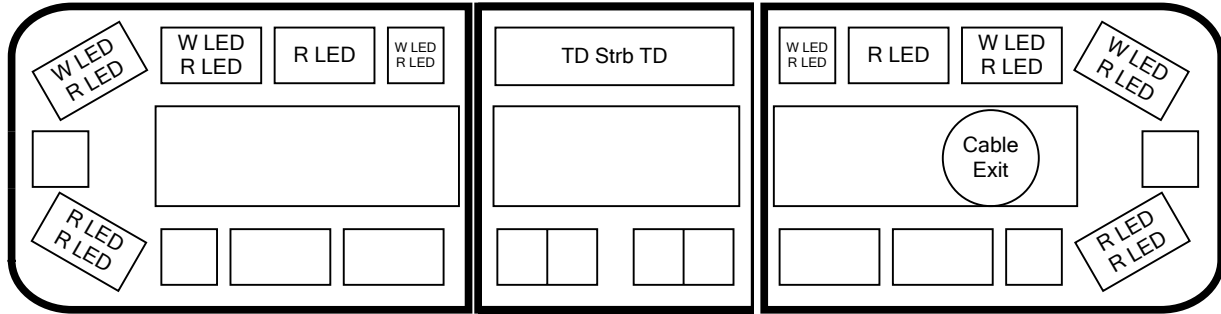
### **Delivery Requirements**

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

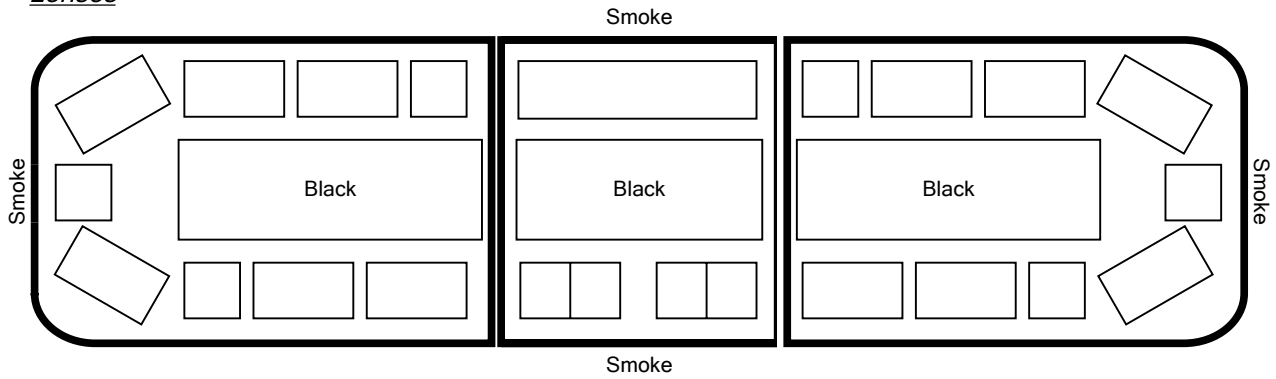
# EXHIBIT C (con't)

## Liberty™ II WCX Light Bar Order Form/Worksheet

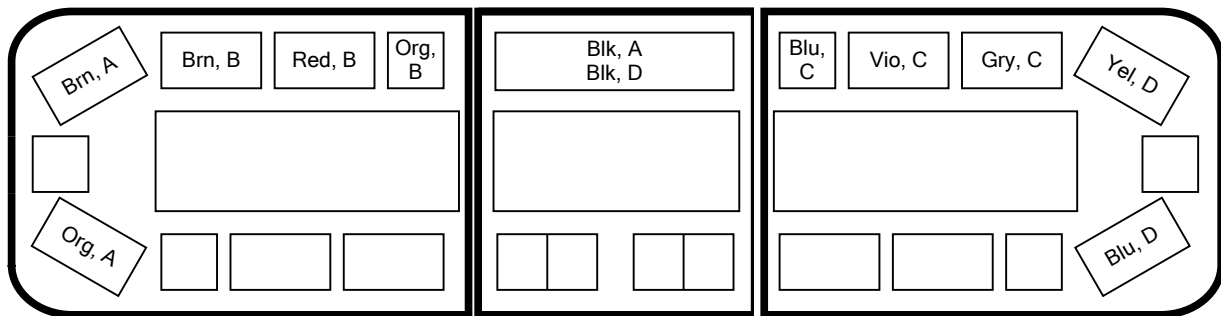
### Configuration



### Lenses



### Internal Harness Connectors and Colors



# EXHIBIT C (con't)

## Liberty™ II WCX Light Bar Order Form/Worksheet

### Line Items

QTY	Model #	Description	List Price
1	BJ2DRDR	54" Liberty™ II WCX Series	
1	BJ2ME	Add 54" with Center SectionMidnight Editi... Smoked Lenses, Divider and Black Tops	
1	CLBV2V	Add V2V Sync Module	
5	TCRLBKT1	Tracer Lightbar Mounting Bracket, Front or Rear	
2	IBDL	Add DUO+™ Series Linear-LED® Flasher, 1 Long White/Red	
1	IJ500ST	Add center mount strobe with TIR Takedowns	
2	IBDSD	Add DUO+™ Series Linear-LED® Flasher, 1 Short White/Red	
2	IWDLR	Add SOLO™ Series Linear-LED® Flasher, 1 Long Red	
1	MBAJ94	Mounting bracket for: 2023 Ford Super Duty 450/550/600, for bar length(s): 54,59	
<b>Total:</b>			

The above costs (in US Dollars) is an estimate only. Refer to the current Whelen Automotive Price List for accurate pricing!

### Order Information

Order Date 5/16/2024  
 Account Number  
 Project Name  
 Vehicle Type  
 Voltage 12  
 Bar Length 54  
 WECAD Version WeCad 5.25.0.0  
 Order Popularity Code C

### Bill To:

PO Number  
 Name  
 Address1  
 Address2  
 City  
 State  
 Zip Code  
 Telephone  
 Contact 1  
 Contact 2

### Ship To:

PO Number  
 Name  
 Address1  
 Address2  
 City  
 State  
 Zip Code  
 Telephone  
 Contact 1  
 Contact 2

### Special Instructions

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# EXHIBIT C (con't)

## Tracer Worksheet

### Configuration

-Cable Entry

W LED R LED	W LED R LED	W LED R LED	W LED R LED	W LED R LED	W LED R LED
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### Line Items

QTY	Model #	Description	List Price
1	TCRWX6	6 Lamp Housing - WeCanX® Series	
1	TCRB47	Ford F250/F350, 2017-2023 Running Board Mounting Kit	
1	TCRWXPD	Add DUO™ Series Linear-LED® Flasher, 1 Red/White	
5	TCRWXSD	Add DUO™ Series Linear-LED® Flasher, 1 Red/White	
<b>Total:</b>			

The above costs (in US Dollars) is an estimate only. Refer to the current Whelen Automotive Price List for accurate pricing!

### Order Information

Order Date 5/15/2024  
Account Number  
Project Name  
Vehicle Type  
Voltage 12  
Bar Length 6  
WECAD Version WeCad 5.25.0.0  
Order Popularity Code C

#### Bill To:

PO Number  
Name  
Address1  
Address2  
City  
State  
Zip Code  
Telephone  
Contact 1  
Contact 2

#### Ship To:

PO Number  
Name  
Address1  
Address2  
City  
State  
Zip Code  
Telephone  
Contact 1  
Contact 2

### Special Instructions

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# EXHIBIT D

Contract Automobile Request System (CARS)

## Organization Purchase Request Details

### Organization Information

[Return to Org Requests](#)

**Contract #:** 05916 - Motor Vehicles

**Status:** Delivered

**Organization:** 87780 - RENTON REGIONAL FIRE AUTHORITY - 87780

**Order Contact:** Brice Callaway

**Contact Phone:** 425-970-5083

**Contact Email:** bcallaway@rentonrfa.org

**Dealer:** Bud Clary Ford/Hyundai - W403

**Dealer Address:**

**Internal Notes:** Brush 17 - F158

**Comments To Dealer:** PO #F158-964

**Dealer Reference #:** 23-0481 X682

**Dealer Comments:** 7/5/2024: Vehicle(s) have been delivered; added final delivery date; changed to "delivered" status. 2/2/2024: This vehicle has been scheduled for production. Updated "expected delivery date" field to current estimated delivery time. PO received 08/15/23 Revised to add info block, delete #0031 Dual Batteries (\$6M) \$206.00

**Quote #:** 2023-8-259

**Submit Date:** 08-15-2023

**Order Date:** 08-15-2023

**Expected Delivery Date:** 05-08-2024

**Delivery Date:** 05-14-2024

**Cancel Date:**

**Organization Reference #:** F158-BR317

**Organization PO #:** Fleet-F158 08/15/23

**Dealer Contact:** Marie Tellinghiusen

**Dealer Phone:** (360) 423-4321 Ext: 10945

**Dealer Email:** ford.orders@budclary.com

### Color Options

Color Name	Quantity
Race Red (PQ)	1

Tax Exempt: N

### Vehicle Options

2024-0914-0001	2024 Ford F550 4WD Cab and Chassis	1	\$55,923.00	\$55,923.00
2024-0914-0003	INFORMATION ONLY: Ford Motor Company is not able to guarantee that this vehicle will be produced during the current model year production cycle. Also, due to uncontrollable increasing costs of raw materials, Ford might not be able to provide price protection for vehicles that will need to be re-ordered as 2025 model year. If Ford is unable to build this vehicle, we will contact you when we receive notification, offering the choice of order cancellation without penalty or acceptance of 25MY CARS contract pricing to re-order vehicle (and upfits if applicable) with factory expedited scheduling.	1	\$0.00	\$0.00
2024-0914-0004	INFORMATION ONLY: Bud Clary Ford offers a \$300 Prompt Payment Discount if payment is received within 20 days of vehicle delivery.	1	\$0.00	\$0.00
2024-0914-0005	INFORMATION ONLY: Bud Clary Ford CARS Cancellation Fees: NO fee to cancel order if vehicle has not been scheduled for production and is able to be cancelled at factory. \$500 cancellation fee if vehicle has been serialized and is locked in for production by manufacturer. \$750 cancellation fee if vehicle has been delivered to customer and must be picked up by dealer and re-stocked into inventory. Absolutely NO cancellation if customer has licensed/registered vehicle. Upfits/Equipment ordered for vans, trucks, chassis cabs and police/fire vehicles will have a 10-30% re-stocking fee; custom bodies cannot be cancelled.	1	\$0.00	\$0.00
2024-0914-0010	2024 Ford F550 4WD Cab and Chassis, Regular Cab, 145WB, 60CA, DRW, 18,000# GVWR, 7.3L 2V DECVT NA V8 Gas, 10-Speed Automatic w/ Selectable Drive Modes, 225/70Rx19.5G BSW A/P Tires (Set/6), 4.88 RAR (F5H/660A/145WB/99N/44G/TGJ/X48) -- THIS IS THE BASE VEHICLE, please review Vehicle Standard Specifications for complete description.	1	\$0.00	\$0.00
2024-0914-0016	Alternative Wheelbase, Crew Cab, 179WB, 60CA, 18,000# GVWR (W5H/179WB)	1	\$2,866.00	\$2,866.00
2024-0914-0018	Alternative Engine, 6.7L 4-Valve OHV PowerStroke V8 Turbo Diesel B20 with manual push-button Engine-Exhaust Braking/TorqShift 10-Speed automatic w/ Selectable Drive Modes and Transmission Power Take-Off Provision (PTO) (Includes Operator Commanded Regeneration, 4.10 RAR, Dual 750CCA Batteries, 250-amp alternator, Intelligent Oil Life Monitor) (18,000# GVWR) (99T/44G)	1	\$9,824.00	\$9,824.00
2024-0914-0024	GVWR Maximum (19,500# GVWR, 4.30 RAR with Limited Slip, High-Capacity Trailer Tow Package w/ trailer brake wiring kit and upgraded rear axle) (Increases GCW from 32,500 Lbs to 40,000 Lbs) (Only available with Diesel Engine) (68M/X4L/535)	1	\$2,094.00	\$2,094.00
2024-0914-0027	NEW: Customizable speed limit (75mph) (927)	1	\$79.00	\$79.00
2024-0914-0028	NEW (XL Trim Only): Automated Emergency Braking REMOVAL (removes Pre-Collision Assist w/ Automated Emergency Braking and Forward Collision Warning, Auto High Beams, Post Impact Braking and Audible Lane Departure Warning) (60X) (No Credit)	1	\$0.00	\$0.00
2024-0914-0030	Pro Power Onboard - 2kW (Note: placement and connection of the aux outlet is the responsibility of the final stage manufacturer) (Includes Dual Alternators 12V 250-Amp plus 24V 15-Amp) (Must also order Dual Batteries #86M) (Will remove rear underseat storage on XLT Extended Cab model) (43K)	1	\$969.00	\$969.00
2024-0914-0043	Dual Fuel Tanks (40-gallon aft-of-axle and 26.5-gallon mid-ship) (Only available with Diesel Engine, relocates DEF tank to outside of frame rail) (65C)	1	\$615.00	\$615.00
2024-0914-0049	Front Wheel Well Liners (factory) (61L)	1	\$177.00	\$177.00
2024-0914-0056	Rearview Camera and Prep Kit (includes loose camera and wiring bundle) (872) (Info: Upfitters offer rearview camera installation option with body orders)	1	\$407.00	\$407.00
2024-0914-0092	Fire/Rescue Prep Package w/ EPA Special Emissions - (Must also order 6.7L diesel) (Includes Max Front Springs/GAWR rating for configuration selected) (Note 1: Stationary Elevated Idle Control has been integrated into the engine control module) (Note 2: Engine calibration significantly reduces the possibility of depower mode when in stationary PTO operation) (Note 3: Must meet the definition of an Emergency Vehicle, an Ambulance or Fire Truck per 40 CFR 86.1803.01 in the Federal Register) (Also includes Dual 410-Amp Alternators #67B) (Incomplete Vehicle Package, requires further manufacture and certification by final stage manufacturer) (47J)	1	\$1,184.00	\$1,184.00

2024-0914-0199	Warranty, Delayed Start (End-User submits request at www.fordwsd.com)	1	\$0.00	\$0.00
2024-0914-0218	Floor Mats, HD Rubber Molded, Front (Weather Tech) (DLR)	1	\$135.00	\$135.00
2024-0914-0219	Floor Mats, HD Rubber Molded, Rear (Weather Tech) (DLR)	1	\$114.00	\$114.00
2024-0914-0223	Service Manual, USB (DLR)	1	\$385.00	\$385.00
2024-0914-0224	Service Wiring Diagram, Paper (DLR)	1	\$105.00	\$105.00

**Request Totals**

Total Vehicles:	<b>1</b>
Sub Total:	<b>\$74,877.00</b>
8.4 % Sales Tax:	<b>\$6,289.67</b>
Request Total:	<b>\$81,166.67</b>