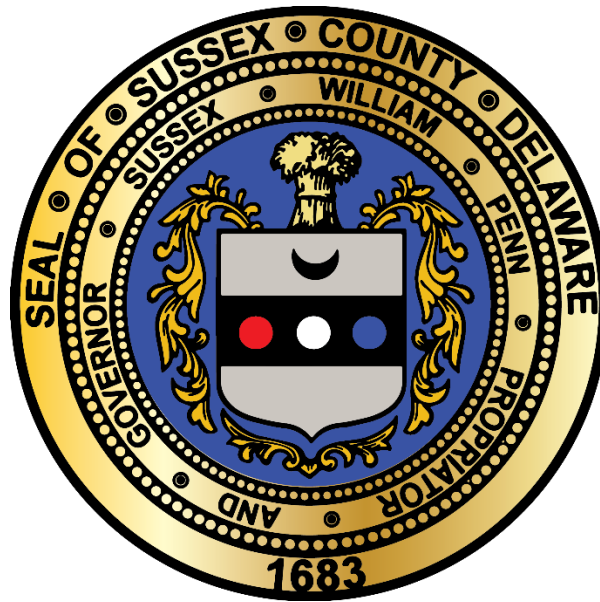


SUSSEX COUNTY GOVERNMENT

REQUEST FOR PROPOSALS

2026 MODEL YEAR VEHICLE PURCHASES



SEPTEMBER 2025

SUSSEX COUNTY GOVERNMENT

2 THE CIRCLE

P.O. BOX 589

GEORGETOWN, DELAWARE 19947

(302) 855 – 7730

WWW.SUSSEXCOUNTYDE.GOV

TABLE OF CONTENTS

BIDDING AND CONTRACT REQUIREMENTS

INVITATION TO BID	3
INSTRUCTIONS TO BIDDERS	4
BID FORM	7
BID SCHEDULE	9
GENERAL CONDITIONS.....	11
Generic Equipment Required on all Vehicles.....	21-23
Expected Volumes.....	24
Vehicle Technical Specifications.....	24-40

INVITATION TO BID/ADVERTISMENT

Sussex County Government will receive sealed competitive proposals (“Bid”) for the purchase of various vehicles. Sealed bids must be received by Sussex County Government, c/o Gina A. Jennings, Finance Director, Sussex County Administrative Office Building, 2 The Circle, P.O. Box 589, Georgetown, DE 19947, **until 1:00 p.m., local time, on October 24, 2025**. To be considered, price proposals must be submitted in writing and respond to the items outlined in the request for proposal (RFP).

Interested parties must submit two (2) written proposals to the Sussex County Government, Attention: Dale White, Sussex County Administrative Office Building, 2 The Circle, P.O. Box 589, Georgetown, DE 19947, **by 1:00 p.m., October 24, 2025**, at which time the proposals will be publicly opened, read aloud with recording only the name of the respondent(s). All other information shall be confidential.

Bids are being sought from vendors to upfit 250/2500 Series Pickup trucks with a 6.5” bed.

The request for proposals may be obtained by visiting Sussex County’s website <http://www.sussexcountyde.gov/legal-notices/bids>. Questions shall be directed to Kristen McAfee at 302-858-1000 or Kristen.mcafee@sussexcountyde.gov. If necessary, an addendum will be issued to address questions received.

A formal pre-bid will not be held.

In its sole discretion, Sussex County Government reserves the right to extend the time and place for opening bids from that described in the advertisement by providing not less than two (2) calendar days’ notice, by posting an addendum on the Sussex County website.

INSTRUCTIONS TO BIDDERS

Submission of Proposals

Sussex County Government will receive sealed competitive proposals (“Bid”) for the purchase of various vehicles. Sealed bids must be received by Sussex County Government, Dale White, Sussex County Administrative Office Building, 2 The Circle, P.O. Box 589, Georgetown, DE 19947, until 1:00 p.m., local time, on October 24, 2025. Immediately following, the proposals will be publicly opened, read aloud with recording only the name of the respondent(s). All other information shall be confidential.

Each Bid shall be completed on the forms provided and submitted in a sealed envelope addressed to the Sussex County Government at the above address. Each sealed envelope containing a Bid shall be plainly marked on the outside with “Bid for Sussex County Vehicle Purchases,” and bear the name and address of the respondent. The Bidder shall assume full responsibility for timely delivery at the location designated for receipt of Bids. Oral, telegraphic, electronic, or telephonic bids are invalid and will not receive consideration. Bids submitted by mail shall be enclosed in an outer envelope, similarly endorsed, and addressed to Sussex County. Bidders may bid on any or all specifications and should indicate “NO BID” on his or her Bid Form for any specification on which they chose not to bid. All Bidders shall state delivery time and cutoff build date for current model year as part of their bid proposal. Bidder must indicate the vehicle model that will be provided for each specification for which they are submitting a bid.

Each Bidder shall submit an original completed, signed copy of the Bid Form. Each Bidder shall enter amounts for all Lump Sum Prices, Contingent Unit Prices, Alternate Prices, and the Total Base Bid, where designated on the Bid Form. Failure to comply may be cause for rejection. No allowances, segregated Bids or assignments will be considered. State all amounts in numerical figures. Any alterations or edits must be initialed by the Bidder. All entries must be ink or typewritten. A Bidder shall make no additional stipulations on the Bid Form nor qualify his Bid by attachments or any other matter. Stipulations or qualifications will be subject to rejection.

If the Bidder is an individual, each copy of the Bid Form shall be signed by the individual himself, under his business name. If the Bidder is a partnership, each copy of the Bid Form shall be signed by an authorized partner, under the name of the partnership. If the Bidder is a corporation, each copy of the Bid Form shall be signed by an authorized executive officer of the corporation under its registered name, and the corporate seal shall be affixed. If the Bidder is a limited liability company, each copy of the Bid Form shall be signed by the authorized Managing Member(s).

Other Bid Forms

Each Bid must be accompanied by the completed, signed, and witnessed Certification of Bidder. In addition, any other Bid Forms included in the packet shall be fully completed in accordance with the instructions on the forms.

Information Regarding Bids

The Contract Documents contain the provisions required for the Purchase. Information obtained from an officer, agent, or employee of Sussex County, or any other person shall not affect the risks or obligations assumed by the Bidder or relieve the Bidder from fulfilling any of the conditions of the contract.

No oral interpretations will be made to any Bidder as to the meaning of the Contract Documents or any part thereof. Every request for such an interpretation shall be made in writing to Sussex County Government. Any inquiry received five (5) days or more prior to the Bid Opening date will be given consideration. Every interpretation to a Bidder will be made in the form of an addendum to the contract documents. In addition, all addenda will be issued to each recorded holder of the Contract Documents, but it shall be the Bidder's responsibility to make inquiry as to the addenda issued. All such addenda shall become a part of the Contract, and all Bidders shall be bound by such addenda. Bidders shall acknowledge receipt of all addenda on the Bid Form. Failure to do so will result in Bid rejection.

Late Proposals or Late Withdrawals

A Bid received after the closing date and time for receipt of proposals is late and shall not be considered.

No Bidder shall be permitted to make a modification to its original Bid for a minimum of sixty (60) days.

A modification of a Bid resulting from an amendment issued after the closing date and time for receipt of proposals or a modification of a proposal resulting from discussions during negotiations shall be considered if received by the closing date and time set forth in the amendment or by the closing date and time for submission of best and final offers, whichever is applicable. If the modifications described in this subsection are received after the respective date and time described in this subsection, the modifications are late and shall not be considered.

Sussex County Government expressly reserves the right to reject any or all Bids received and/or waive informalities, minor defects and/or reject a particular Bid or all Bids. Any Bid may be withdrawn prior to the above scheduled time for Bid Opening. Bids submitted after the time specified for the Bid opening will not be considered and will be returned unopened. Bids may not be withdrawn within sixty (60) days after the Bid Opening, unless a request to withdraw is granted in accordance with Title 29, Chapter 69 of the Delaware Code. Should there be a reason for not awarding the Contract to the lowest responsive Bidder within sixty (60) days, the time may be extended by mutual agreement between Sussex County Government and the Bidder.

A Notice of Award will be issued to the lowest responsive Bidder. The successful Bidder is required to execute the Agreement and provide a Certificate of Insurance within twenty (20) calendar days from the date of delivery of Notice of Award. The appropriate Agreement and forms will accompany the Notice of Award. If the Bidder fails to execute the Agreement as specified

within 20 calendar days, the next low Bidder in order of bid price shall then be considered the lowest responsive Bidder and the Contract will be awarded to him/her. Should this Bidder default, the next low Bidder shall be considered and so on.

Bidders who are rejected under this section shall be notified in writing about the rejection. The reasons for the rejection shall be stated in the determination.

Each Bidder shall be evaluated for responsibility prior to award which may include factors such as the Bidder's financial, physical, personnel, or other resources including subcontracts; Bidder's record of performance or integrity; whether Bidder is qualified legally to contract with the County; and whether the Bidder has supplied all necessary information concerning its responsiveness. If Sussex County Government determines that a Bidder is nonresponsive or non-responsible, the determination shall be in writing and set forth the basis for the determination. A copy of the determination shall be promptly sent to the affected Bidder.

Non-Discrimination

The Bidder in performing the work furnished by this Contract or furnishing the equipment or services provided herein shall not discriminate against any person seeking employment with or employed by him/her because of race, creed, color, or national origin.

BID FORM

To: Sussex County Government

For: Sussex County Vehicle Purchases

Bidder Acknowledgements

The undersigned Bidder has carefully examined the Instructions to Bidders and the Specifications, the Agreement, and all other portions of this Request for Proposal for the performance of the above-named project and shall deliver the equipment in accordance with the requirements of the Contract Documents.

The Bidder certifies by the submission of this Bid that there has been no violation of copyrights or patent rights in manufacturing, producing or selling the product or services shipped or ordered as a result of this Bid. The successful Bidder shall, at his own expense, defend any and all actions or suits charging such infringements, and will save Sussex County, and its appointed and elected officials, officers, partners, directors, employees, and agents harmless from any and all liability, loss, or expense occasioned by any such violation.

The undersigned Bidder acknowledges receipt of all Addenda issued during the bidding process.

Confidentiality

If Bidder considers any portion of its Bid to be confidential, Bidder shall be required to isolate and identify in writing any confidential portions thereof. Bidder shall include, with this designation, a statement that explains and supports the Bidder's claim that the items identified as confidential contain trade secrets or other proprietary data. In submitting its Bid, Bidder acknowledges that its Bid, whether successful or not, shall be subject to disclosure and available for public inspection and copying in accordance with the Delaware Freedom of Information Act, 29 Del. C., Chapter 100, except to the extent withholding such information is permitted under the Act or otherwise permitted by law.

Basis of Bid

This Bid includes all other applicable taxes and fees.

The undersigned Bidder further understands that all equipment covered by this Bid shall be new and of the best quality and the highest-grade workmanship.

Dated:

(If an Individual, Partnership, Limited Liability Company, or Non-Incorporated Organization)

Name of Business: _____

Signature of Bidder: _____

By: _____

Business Address: _____

Names and _____
Address of _____
Members _____

(If a corporation)

Name of Business: _____

Signature of Bidder: _____

By: _____

Business Address: _____

Incorporated under the laws of the State of: _____

President's Name _____
(Address) _____

Secretary's Name _____
(Address) _____

Treasurer's Name _____
(Address) _____

Affix Corporate Seal

BID SCHEDULE

250/2500 Pickup Truck Up Fit: _____

Delivery Time: _____

Cutoff Date for Ordering: _____

Base Bid:

Item	Description	Price for One
1	250/2500 Up-Fit –	
2	Delivery Charge	
	Total Base Bid for 1	\$

END of base bid forms

CERTIFICATION OF BIDDER

The undersigned Bidder, _____ on the _____ day of _____, 20____, for Sussex County Vehicle Purchases acknowledges:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization or corporation.
2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham bid.
3. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
4. Bidder has not engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract. For the purposes of this Paragraph:
 - a. "Corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
 - b. "Fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Sussex County Government, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Sussex County Government of the benefits of free and open competition;
 - c. "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Sussex County Government, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - d. "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

CORPORATE SEAL

Signature of Bidder: _____

BY: _____

Attest: _____ Secretary

Sworn and subscribed before me this _____ day of _____, 20____.

My commission expires _____ . _____ Notary Public

GENERAL CONDITIONS

DEFINITION OF TERMS:

Whenever the following terms are used, their intent and meaning shall be interpreted as follows:

ADDENDA: Written or graphic instruments issued prior to the opening of Bids, which clarify, correct, or change the Bidding Documents.

AGREEMENT: The written contract between Owner and Vendor covering Work to be performed; other Contract Documents are attached to the Agreement and made a part thereof.

BID or BID PROPOSAL: The offer by Bidder submitted on the prescribed forms setting forth the prices and Work to be performed.

BIDDING DOCUMENTS: The Invitation to Bid, General Conditions, the Bid Form, and proposed Contract Documents (including all Addenda issued prior to receipt of Bids).

CHANGE ORDER: A written order to Vendor signed by Owner authorizing an addition, deletion or revision of Work, or adjustment of Contract Price or Contract Time issued on or after the Effective Date of the Agreement.

CONTRACT DOCUMENTS: The written agreement covering Work to be performed. The awarded Contract Documents shall include, but is not limited to the Agreement, General Conditions, Technical Specifications, Addenda, and Change Orders.

CONTRACT PRICE: The moneys payable by Owner to Vendor for completion of Work in accordance with the Contract Documents as stated in the Agreement.

COUNTY: Sussex County, a political subdivision of the State of Delaware.

DEFECTIVE: An adjective which, when modifying the word Work, refers to Work that is unsatisfactory, faulty or deficient, in that it does not conform to the Contract Documents, or does not meet the requirements of any inspection, reference standard, test or approval referred to in the Contract Documents, or has been damaged prior to Engineer's recommendation of final payment.

INVITATION TO BID: The public announcement, as required by law, that Sussex County is soliciting Bids for Work to be performed or materials or equipment to be furnished.

MATERIALS/EQUIPMENT: This term describes the materials, equipment, unit, and/or supplies which are required to be supplied to Owner under the Contract Documents.

OWNER: Sussex County, a political subdivision of the State of Delaware.

SUPPLEMENTAL GENERAL CONDITIONS: Modify the General Conditions and are specific clauses setting forth conditions or requirements peculiar to this Contract.

VENDOR: The person, firm or corporation with whom Owner has entered into the Agreement.

WORK: The furnishing of all labor, materials, tools, equipment, and incidentals necessary or convenient to the Vendor's performance of all duties and obligations as required by the Contract Documents.

1.00 ARTICLE 1 – GENERAL REQUIREMENTS & PRELIMINARY MATTERS

1.01 LAWS TO BE OBSERVED: Vendor shall strictly comply with all Federal, State, or County laws, and City or Town ordinances and regulations in any manner affecting the conduct of Work.

1.02 PERMITS AND LICENSES: All necessary permits and licenses required by local, State, or Federal laws shall be provided by Vendor at his/her own expense, unless Owner expressly agrees in writing to provide said permit or license. The Bidder's attention is called to Title 30, Chapter 27 of the Delaware Code, which should be reviewed by Vendor in order to determine whether such laws are applicable to its Bid.

1.03 NOTICE TO PROCEED: The date of Notice to Proceed shall specify the date upon which the Work shall commence. No Work shall be done prior to the date on which the Contract Time commences to run.

1.04 CONTRACT PAYMENT: Payment for equipment supplied in accordance with the Contract Documents shall be made at the lump sum and/or unit prices contained in the Bid. In addition to meeting any other conditions of Final Acceptance set forth herein, Final Acceptance shall not be issued until the Equipment is received by County personnel, the Equipment functions correctly. Owner shall make the final payment in a lump sum within thirty days after Owner's issuance of Final Acceptance for the Vehicles that have been delivered and approved.

1.05 CONTRACT PERIOD: The Contract shall be valid from the date of award through June 30, 2026

2.00 ARTICLE 2 – DELIVERY AND FINAL ACCEPTANCE OF VEHICLES

2.01 The intent of these Contract Documents is to provide for delivery and furnishing of Vehicles described. It is further intended that Vendor shall furnish all labor, materials, equipment, tools, transportation, and supplies required to complete Work in accordance with the

Contract Documents. All Work shall be performed in a good and skillful manner, and all Vehicles shall be new and in accordance with the Contract Documents.

- 2.02** All Vehicles will be inspected by an authorized representative of Owner, and if found defective, or if it in any way fails to meet the requirements of the Contract Documents, said Vehicles will be rejected. If said Vehicles are rejected, Vendor shall be responsible for repairing or replacing said Vehicles. Once Vehicles are found to be satisfactory to Owner and any other conditions of Final Acceptance set forth herein are met, Owner shall issue a Final Acceptance and make the final payment in accordance with the provisions herein.

3.00 ARTICLE 3 - INSURANCE REQUIREMENTS

3.01 GENERAL INSURANCE REQUIREMENTS:

- A. Vendor shall not commence Work until Vendor has obtained, at Vendor's own expense, all of the insurance as required hereunder, and such insurance has been approved by Owner; nor shall Vendor allow any subcontractor to commence Work on any subcontract until all insurance required of the subcontractor has been so obtained and approved by the Vendor. Approval of insurance required of Vendor will be granted only after submission to Owner of original certificates of insurance and required endorsements that are satisfactory to Owner, evidencing the required insurance.
- B. All insurers underwriting Vendor's insurance must be licensed in the State of Delaware, have a minimum policyholders rating of "A-" or better, and have a financial size of "Class VII" or higher, unless otherwise approved by Owner.
- C. All insurance policies required hereunder shall be endorsed to provide that the policy is not subject to cancellation or non-renewal until thirty (30) days prior written notice has been given to Owner (not less than ten (10) days' notice is required for nonpayment of premium). Therefore, a copy of the endorsements to the required policies that confirm the insurer is obligated to send notice to Owner as required herein, must accompany all certificates of insurance.
- D. If any subcontractors are utilized, Vendor shall require all subcontractors to maintain commercial general liability insurance, business auto liability insurance and workers compensation and employer's liability insurance to the same extent required of Vendor. The Vendor shall furnish subcontractor's certificates of insurance and required endorsements to Owner immediately upon request.
- E. Failure of Owner to obtain such certificates or other evidence of full compliance with these insurance requirements or failure of Owner to identify a deficiency from evidence provided shall not be construed as a waiver of Vendor's insurance requirements.
- F. By requiring such insurance and insurance limits herein, Owner does not represent that coverage and limits will necessarily be adequate to protect Vendor, and such coverage

and limits shall not be deemed as a limitation on Vendor's liability under the indemnities granted to Owner.

- G. If the Owner is damaged by the failure or neglect of Vendor to purchase and maintain insurance as required herein, then the Vendor shall bear all reasonable costs properly attributable thereto.
- H. Loss of or damage to any equipment to be provided under the Contract Documents shall be at the sole risk of the Vendor until Substantial Completion.

3.02 VENDOR'S INSURANCE

Vendor shall purchase and maintain the following insurance coverages throughout the term of the Contract Documents for not less than the limits specified below or required by law, whichever is greater:

- A. **Commercial general liability** insurance that insures against claims for bodily injury, property damage, personal and advertising injury arising out of or in connection with Vendor's Work, including coverage for claims arising out of liability assumed under the Contract Documents. The minimum limits of liability for this insurance are \$1,000,000 combined single limit for each occurrence; \$1,000,000 combined single limit general aggregate; and \$1,000,000 combined single limit for products/completed operations aggregate. Any general aggregate limit shall apply on a per project basis. This insurance shall not afford coverage on a "claims made" basis without the prior written approval of Owner.
- B. **Business auto liability insurance** with a minimum combined single limit of \$1,000,000 per accident and including coverage for bodily injury and property damage claims arising out of the ownership, maintenance or use of any auto and include coverage for Vendor from bodily injury and property damage claims arising out of liability assumed under the Contract Documents.
- C. **Workers compensation insurance** with statutory benefits as required by any state or Federal law, including standard "other states" coverage and employers liability insurance with minimum limits of \$100,000 each accident for bodily injury by accident, \$100,000 each employee for bodily injury by disease and \$500,000 policy limit for bodily injury by disease.
- D. **Personal property in transit, transportation or motor truck cargo insurance** with limits not less than 100% of the replacement cost of the personal property including equipment to be transported by Vendor (or any subcontractor) under the Contract Documents. Such insurance shall be written on all risks basis and be in effect until Final Acceptance.

4.00 ARTICLE 4 - VENDOR'S RESPONSIBILITIES

4.01 SERVICES, MATERIALS AND EQUIPMENT:

- A. Unless otherwise specified in the Contract Documents, Vendor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, startup and completion of the Work.
- B. All Materials/Equipment incorporated into the Work shall be as specified or, if not specified, shall be of good quality and new, except as otherwise provided in the Contract Documents. All special warranties and guarantees required by the Specifications shall expressly run to the benefit of Owner.
- C. All Materials/Equipment shall be stored, applied, installed, connected, protected, used, cleaned and conditioned in accordance with instructions provided by manufacturer and/or supplier, except as otherwise may be provided in the Contract Documents.

4.02 PRODUCTS BY NAME/OR "APPROVED EQUAL:" Products by name are intended to be descriptive of quality, workmanship, finish, function, and approximate characteristics desired and are not necessarily intended to be restrictive. Substitution of products for those named may be considered but must be approved by Owner and with the condition that said product is equal or superior in quality, workmanship, finish, function, and approximate characteristics to that specified by the Contract Documents. Owner will be the sole judge of the equivalence. Please see Technical Specifications for requirements.

4.03 REJECTED MATERIAL: Vendor shall, at his/her own expense, replace or satisfactorily adjust or repair all Materials/Equipment rejected for failure to comply with the Contract Documents.

5.00 ARTICLE 5 - DELIVERY

The delivery of the Vehicles shall be to the following location:

Sussex County EMS 21911 Rudder Lane Georgetown, DE 19947

Vendor shall coordinate the delivery to allow an authorized representative of Owner to inspect the Vehicles. If said representative finds the supplied Vehicle(s) to be defective, damaged or if said Vehicles fail in any way to meet the specifications set forth herein, the items in question may be rejected at the sole discretion of Owner. Vehicles must be delivered with the certificate of origin. Sussex County Government will be responsible for completing

title and tag work. If conversion work is necessary, the vehicle will be delivered to the successful conversion vendor.

6.00 ARTICLE 6 - CONTRACT TIME

6.01 The Vehicle(s) shall be delivered to the site defined in Article 5.00, by the Vendor within the delivery time listed on the bid form. The Delivery Time may be extended, in the sole and absolute discretion of Owner, with good cause shown.

GENERAL REQUIRED EQUIPMENT ON ALL BIDS

1.02 SHIPPING, DELIVERY, STORAGE & HANDLING

- A. All vehicles shall be properly protected such that no damage will occur from the time of shipment until the time of delivery.
- B. County shall be responsible for inspecting all vehicles upon arrival. County shall notify the Vendor within 24 hours of any damage.
- C. Vehicles shall be delivered Sussex County EMS located at 21911 Rudder Lane, Georgetown, DE 19947 during business hours of 0830 AM to 400 PM Monday – Friday.

Expected Volumes

It is anticipated during the fiscal year that Sussex County will purchase the following quantities: (8) eight.

Specification: EMS Response Vehicle Up-fit on a 2500 Silverado

General Provisions:

1. The awarded vendor will pick the vehicle(s) up at the Emergency Medical Services Logistics Office located at # 21911 Rudder Lane Georgetown, DE 19947.
2. A 5-year warranty for non-wearing parts on all upfit items and labor including the electric HVAC.
3. Conversion must meet or exceed any applicable State of Delaware Motor Vehicle Code, Federal Motor Vehicle Safety Standards, and all Applicable State, Federal and Industry Standards.
4. Vehicles shall be completed and delivered within ninety (90) days from time of receipt of the vehicle by the vendor. A \$ 100.00 per day penalty past 90 days may be assessed.
5. A pre-scheduled inspection will be permitted during construction. Final inspections will be permitted at the vendor's location prior to delivery.
6. All graphics, striping, and lettering will be performed by Sussex County EMS.
7. Weight documents from a certified scale documenting actual load on front and rear axles and overall weight shall be provided at time of delivery.
8. Awarded vendor shall have/maintain a 24-hour access facility within 30 miles of Sussex County, DE or be able to provide an on-site repair technician within 3 days of written request for warranty repairs.

See Attachment A for a Whelen and Havis Parts Order Guide.

See Attachment B for a Lighting Layout Design Sheets

1. Custom Bed Cap Installation:

Install a SCEMS-Provided Iconic X-One custom bed cap to the truck bed according to the manufacturer's instructions. Bed cap upfit should be installed in such a way that all electrical cabling has a single-entry point into the chassis.

2. HVAC System:

Provide and install variable speed DC R134a refrigeration compressor that requires **no** interface into vehicles existing OEM HVAC system. The unit shall be as compact as possible, weighing no more than 40 pounds and maximum height of 9" and a footprint maximum of 30" by 30". HVAC unit shall be installed on the roof of the Cap and not interfere with emergency lighting and communication antennas. The electric HVAC system shall be powered independently using a Xantrex brand 110 volts to 12-volt inverter and a minimum of 125 Ah lithium-ion battery for a minimum standalone run time of HVAC system without 110v shoreline power for 120 minutes. Interface to the OEM electrical system for recharge of the lithium-ion battery with a battery-to-battery converter shall be supplied and installed. Install and interface/mount a 110-volt heater and connect to the Xantrex converter. The system shall have an HVAC controller installed with the capability of separating heat and air conditioning at temperature set points established by SCEMS. The system shall have all the appropriate shielding including any exposed lines or wires shall have provisions (shields) for protection and be water tested post installation. Reinforce the roof as needed to support weight and weatherproof. The HVAC units shall only heat/cool the main sliding tray portion of the truck cap.

3. Opticom:

Integrate with OEM to turn off when vehicle is in park, if this is not possible, a manual switch shall be provided and placed on the center console that cuts off the Opticom when the vehicle is placed in the "park" position automatically. The light bar (a Whelen Liberty II.) shall be reprogrammed to reactivate the Opticom when vehicle is taken out of the park position.

Door Locks:

The driver's door shall be rekeyed by First State Collision Center in Georgetown to the SCEMS standard key by the upfitting vendor. Locks for the Iconic X-One Cap shall be tied into lock/unlock with chassis electric locking system.

4. Idle Shut Off Programming Delete:

The programming on the Silverados that shuts off the engine after idling for 30 minutes must be deleted at First State Chevy Service Department in Georgetown by the upfitting Vendor. Supporting documentation for this work will be provided by the county for GM to allow this.

5. Back Up Camera

Install a backup camera over the third brake light on the cap that displays on the original dash screen on the chassis when the vehicle is in Reverse.

6. DriveCam

Provide and install a wiring harness for a Lytx Drivecam into the OBD port. The camera-side plug shall exit the ceiling of the chassis on the right side of the rear-view mirror.

7. Internal Grab Handles

Provide and install looped webbing handles on each door of the cap to make it easier to grab and pull the doors closed. These shall not interfere or catch on any door latches.

8. Battery Jumpstart Hub:

Provide and install a polarity protected battery boosting/jumping connector hub with a protective, weatherproof cover to the front grill. Jumper cables, 25 ft length, with heavy duty clamps on one end and the corresponding connector hub on the other end shall be provided at the delivery of the truck.

9. Light Bar 54" Whelen Liberty II WCX Must use SCEMS provided drawing.

- a. Whelen model BH321111
- b. Install on roof with all modules used including front take down and side alley light. The light bar shall be alternating red/blue with tri color on rear to include amber.
 - a. Connect LED Opticom with a "park kill" switch, can use OEM switch to depower when placed in park but must repower when vehicle placed in drive. Program to work only when WeCanX is on slide position 1, 2 or 3.
 - b. Alley lights on separate WeCanX switch, controlled left and right and all on when Scene button is pressed.
 - c. Take down lights- programmed to flash when on WeCanX on position 3, then light solid when Scene or Take Down button selected.

- d. Rear Amber lights- program a Left, Right and Bi-directional sequence button on WeCanX. No lighting sequence shall be triggered by turn signals.
- e. Remainder blue/red modules in light bar activate on slide position 2 (no white lighting)
- f. DVI pattern to be programmed for night when vehicle is in Park.

10. Grill- 6 lights and 2 siren speakers.

- a. 2 Whelen T-Series Linear Trio R/B/W (Whelen part TSS0JC) installed on lower front cowl. These lights are red/blue when in slide position 3. Steady burn White when Fog or Scene button is selected on WeCanX.
- b. Install 4 Whelen T-Series Trio R/B with White Override (Whelen model I3JC) on front grill. These lights are red/blue on WeCanX position 2. On position 3, they are to be programmed for a wig wag headlight pattern. When Scene button is activated, they become steady white.
- c. 2 Whelen Siren Speakers (Whelen model SA315P), installed behind grill with brackets (Whelen model SAK1)
 - 1 Installation of secondary siren amplifier (Whelen model CEXAMP)

11. Over Wheel Well Lights- 4 lights, One over each wheel well

- a. Whelen T Series (Whelen Part TSS0J)
- b. Program to R/B flashing on position 2 or 3 on WeCanX. Steady burn blue for the lights over the front wheels. Steady burn red for the lights over the rear wheels.

12. Running Board Lights –1 each side- WeCanX Tracer 6-lamp housing.

- a. Whelen model TCRWX6 with appropriate mounting brackets. Must use SCEMS provided drawing (Attachment D)
- b. installed between truck and running board.
- c. Red/blue on position 1, 2 & 3 on WeCanX
- d. When Scene button is depressed, they are steady white.
- e. When any door opens, they come on as white perimeter lights. Lights should stay on for 15 seconds after all doors are shut.

13. Rear Cap Lights- 4 lights

- a. 2 Lights installed between taillights and cap rear door- Whelen Mega-T (Whelen model PSJC3FCR) program R/B to position 2 & 3 and Steady white when in Reverse.
- b. 2 Lights installed on either side of the cap's third brake light – Whelen T-Series Linear (Whelen Part TSS0JC). Program to R/B to position 2 & 3 and steady white when the Scene button is depressed.

14. Rear Bumper light- 2 lights

- a. Whelen T-Series (Whelen Part TSS0JC) programmed on position 2 & 3 of Slider

as red/blue and steady white while in Reverse.

15. Side Scene Lights- 2 lights

- a. Whelen Pioneer Summit 9" light (Whelen part SO91MB) mounted with L Bracket (Whelen part SUBKT1B) Must use SCEMS provided drawing.
- b. Installed on top of the cap, at midway of cap length, one on each side.
- c. Program both lights to WeCanX on "scene" button.
- d. Program passenger's side light to come on with Right button. Program the driver's side light to come on with left button.

16. Interior Cab light- 1 light.

- a. 1 12V WHT/RED 6" Compartment light (Whelen part 60CREGCS) over center console wired to door open switch.

17. Tablet Swing Up Mount- Provide and install.

- a. consistent power cable for modem & tablet
- b. Havis C-DMM-3007 mount
- c. DS-PAN-722N tablet cradle with power supply
- d. SCEMS to supply tablet & Cradlepoint 5G modem.
- e. Provide on side of console an on/off switch to turn off/on power to modem & tablet.

18. Console- Havis console 20" Angled Series Universal Console (Havis part C-AS-1010)

- a. Remove OEM center section, reconnect OEM security features.
- b. Provide and Install SCANport Kit for C399 (Whelen model C399SP)
- c. Front Angled Portion (from top to bottom)
 - i. Cut off switch for Modem & Toughpad
 - ii. 1 USB, 1 UBC-C, 2 power (filler) strip- power 100% consistent power.
 - iii. Whelen WeCanX Knob/Slide Control Head (Whelen model CCTL6)
 1. Whelen CCTL6 Bracket Part C-EB40-CCS-1P
 2. Install horn/ring function to OEM horn when slide knob is off.
 3. Install function that provides for siren tone changing by activation of OEM horn when Whelen siren is on



- 4.
5. Eight Buttons along top shall be programmed in the following manner from left to right.
 - a. Fog
 - b. Flood left
 - c. Flood right

- d. Take down
 - e. Scene
 - f. Wail (second siren)
 - g. Yelp (second siren)
 - h. Hi/Lo (second siren)
 - 6. The 2 Buttons on the right of the knob shall be programmed in the following manner
 - a. Top: Air horn
 - b. Bottom: blank
 - 7. The 3 Buttons at the bottom of the screen shall be programmed in the following manner for the arrow stick on the rear of the Light bar.
 - a.  Left
 - b. 
 - c.  Right
 - iv. Provide power for and install SCEMS-provided Motorola 6500 one-piece radio
 - v. Radio Bracket Motorola Part C-EB25-MMT-1P
 - vi. Mag Mount for 800 radio microphone
 - vii. Install filler plates as needed
- d. Horizontal portion of Console
- i. 2 set of Havis 2 cup holders (Havis part CUP2-1004)
 - ii. 2 adjustable Havis arm rests (Havis part C-ARM-102)
 - iii. Install a Streamlight S-2L 20-LP flashlight with 12 V cup charger on driver's side of console
 - iv. Install customer supplied 800 radio speaker in location TBD

19. Equipment Location Layout

- a. Whelen CenCom Controller and Secondary Siren Amplifier shall not be installed inside the center console. Location TBD
- b. Install 2 SCEMS provided 5 lb. fire extinguisher brackets to the inner front wall of the rear side compartment of the cap, one on each side.

20. Power Points:

- a. Install 2 12V DC power connections with removable covers and 1 USB-C connection to the slide out tray at the rear center of the tray.
- b. Install 2 12v DC power connections with removeable covers to the rear side compartments on both sides.

21. Shoreline

- a. Install shoreline Kussmaul 20 amp in location TBD with deluxe cover-digital display, product code 091-55-817XC-BL
 - i. 110 V power to junction box on drivers' side rear cabinet.

- ii. Install a relay to lock out engine starter when shoreline is connected to 110-volt power, can be incorporated with Kussmaul plug

22. Roof

- i. Install SCEMS provided 800 MHz antenna and run cabling for 800 radio to console
- ii. Install SCEMS supplied modem antenna and run cabling to modem in console

23. Back up alarm

- a. Install, shall activate when vehicle placed in reverse and have no cut off switch

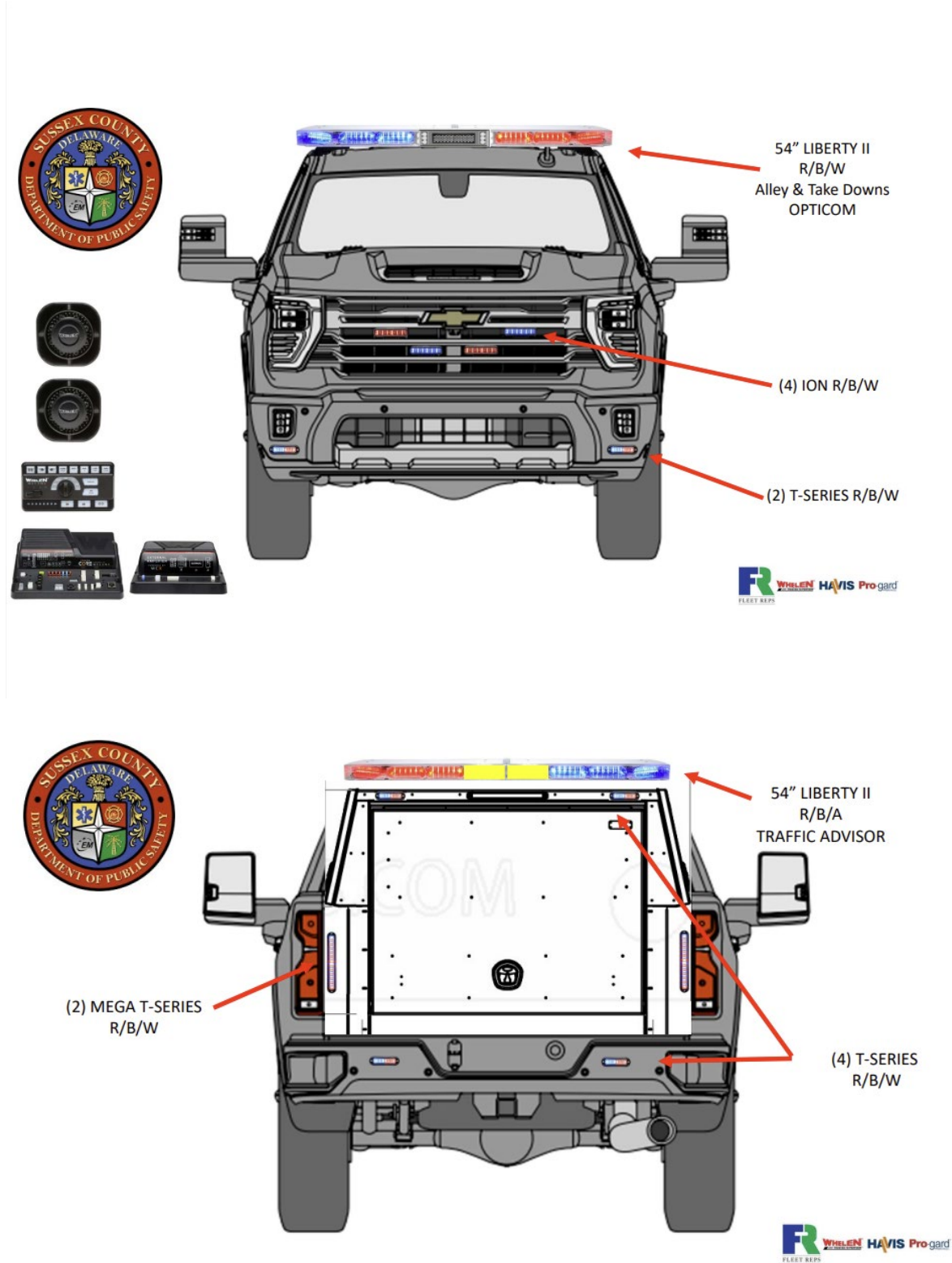
24. Main power Disconnect

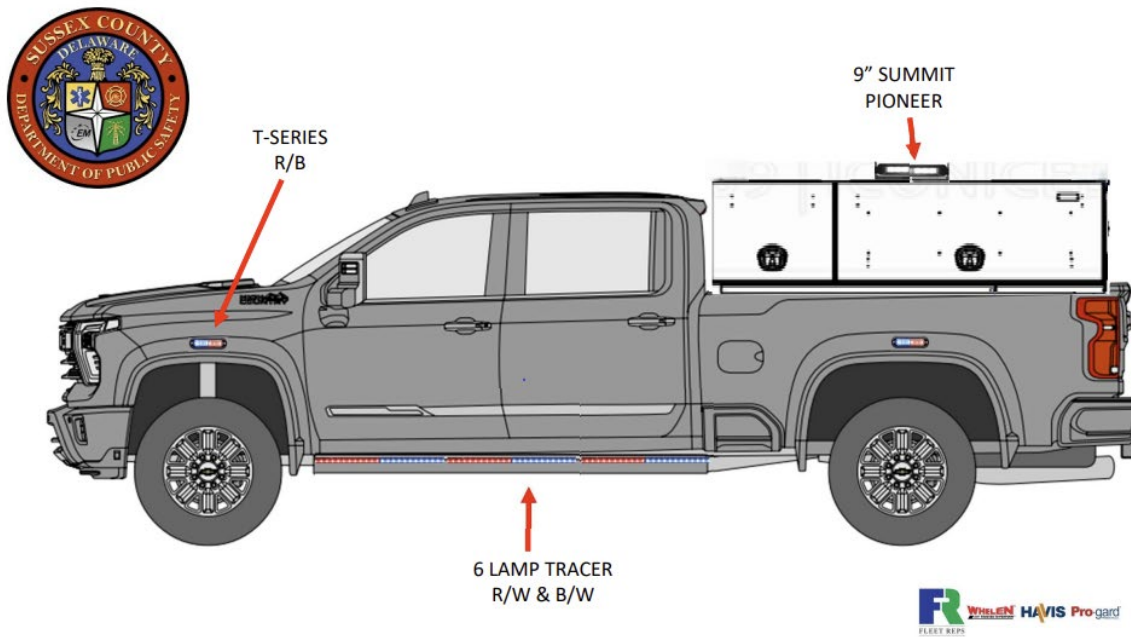
- a. Provide and install a main power circuit breaker with a manual disconnect to isolate all added equipment.
- b. Supply and replace an Odyssey performance ODP-AGM94R H7L4 deep cycle battery in place of OEM

Attachment A: Whelen and Havis Parts Order Guide Per Vehicle

Item	Qty	Model	Manufacturer	Description
				Lights & Siren Control
1	1	C399	Whelen	CenCom Core WCX Control Center
2	1	C399SP	Whelen	ScanPort Kit for C399
3	1	CCTL6	Whelen	WeCanX Knob/Slide Control Head
4	2	SA315P	Whelen	Siren Speaker, Black Plastic
5	2	SAK1	Whelen	Siren Speaker Mounting Kit
6	1	CEXAMP	Whelen	Second Siren WeCanX External Amplifier
7	2	CEM24	Whelen	WeCanX 24 Output Expansion Module
				Light Bar
8	1	BH321111	Whelen	Liberty II Trio WCX 54"C 1111
				Grill Lighting
9	4	I3JC	Whelen	Ion Trio RBW
10	2	TSS0JC	Whelen	Whelen T-Series Trio RBW
				Over the Wheel Well Lighting
11	4	TSS0J	Whelen	T-Series Duo R/B
				Running Board Lighting
12	2	TCRWX6	Whelen	WeCanX Tracer 6-Lamp Housing
				Rear Cap Lighting
13	2	PSJC3FCR	Whelen	Whelen Mega-T RBW
14	2	TSS0JC	Whelen	Whelen T Series RBW
				Rear Bumper Lighting
15	2	TSS0JC	Whelen	Whelen T-Series Trio RBW
				Scene Lighting
16	2	S091MB	Whelen	9" Summit White Flood with MKR Black
17	2	SUBKT1B	Whelen	Summit Flood Light Bracket
				Interior Cab Lighting
18	1	60CREGCS	Whelen	12V WHT/RED 6" Compartment Light
				Console and Tablet Mounting
19	1	C-DMM-3007	Havis	Dash Mount for Toughbook
20	1	DS-PAN-722N	Havis	Toughbook Cradle and Power Supply
21	1	C-AS-1010	Havis	20" Angled Series Universal Console
22	2	CUP2-1004	Havis	Self-Adjusting Cup Holder (Fixed Mount)
23	2	C-ARM-102	Havis	Side Mount Arm Rest

Attachment B: Emergency Lighting Layout Design Sheet





END