

**STATEMENT OF WORK (SOW)
FOR
LIGHT SERVICE SUPPORT VEHICLE (LSSV)
PLATFORM/TRUCK BED AND ELECTRONICS
UPGRADE PACKAGE
FOR THE
621 CONTINGENCY RESPONSE WING**

Name:	LSSV Platform Bed and Electronics Upgrade
Organization:	621 Contingency Response Wing 621 Contingency Response Group 821 Contingency Response Group
Address:	JB MDL, 3021 McGuire Blvd, Trenton, NJ 08641 (This is address for the main gate) Travis AFB, 510 Airlift Dr, Travis AFB, CA 94535 (This is address for the North Gate)

1. PURPOSE

The purpose of this Statement of Work (SOW) is the Contractor shall perform installation, warranty work, and service Joint Base McGuire-Dix-Lakehurst, NJ for the 621 Contingency Response Group, Travis AFB CA 821 Contingency Response Group. The work will involve building and installing of custom platform beds on a Military Spec 2016-2027 Ford F-350 crew cab, long bed truck. Also, installing supplied electronics items on the same assets. The exact quantity is undetermined at this time, but will be no more than 48 vehicles.

STAGE 1 Platform bed:

2. SCOPE/DESIGN REQUIREMENTS

The following modifications will be made to multiple 2016-2027 F-350 Crew Cab Long Bed Single Rear Wheel Light Service Support Vehicles (LSSVs) provided by the 621 CRG located out of Joint Base McGuire-Dix-Lakehurst and 821 CRG located out of Travis AFB. The contractor will start with the initial truck 16B00285

DELIVERY TIME FRAME

The contractor will have 35 business days from the date of truck arrival, to build the first bed for any model/year, and have it completed. The expected delivery time for subsequent builds of the same model/year is 15 business days from the date of vehicle arriving at contractor's company location, not including transportation to and from point of origin.

Installation

- 1) Platform bed shall be built according to the current platform bed installed on vehicle with Reg number 16B00285 with the following changes:
 - a. Bed will be extended rearward an additional 3 inches while still allowing the rear tie downs to be bolted to the mounting brackets faceplate

- b. Fuel access panel on floor of bed will be reduced to 11 inches L x 16 inches W and be located 4 inches back from the headache rack steel plate. While also being same distance from driver and passenger edges of flatbed that the current one resides
- c. Bed cross supports and headache rack square tubing will be reduced from ¼ inch wall thickness to 1/8 inch wall thickness
- d. Plates along top of the headache rack will be increased from 6 inches x 6 inches to 8 inches x 8 inches each
- e. 4 recessed tie downs will be installed in the flatbed steel floor. They will be evenly spaced front to back and left to right in a square pattern. Contractor will provide 3 options during the first build for the 621 CRW to decide on the tie down of choice and exact locations.
- f. There will be a 2 LED round white adjustable work lights mounted on the outer edges of the headache rack wired to work off a switch located on each side of the flatbed. The contractor will provide 3 switch options and 3 possible locations of the switches for approval.
- g. There will be 2 LED oval red recessed lights in each top corner of the headache rack that are wired into the marker/brake/turn signal wiring. A picture has been provided on the last page of this SOW for reference. If contractor recommends a different layout or light type, this will have to be presented and approved.
- h. The eyebrow metal lip currently protecting the rear blackout lights will be changed to also protect the added strobe lights This new eyebrow will be 9 inches wide with 2 inch turn downs on each end and the same depth of current one.
- i. The rear brake and reverse lights will be changed to standard LED oval or round trailer lights that are recessed into the bed surface. On each side will be one brake/turn signal light and one reverse light. A picture has been provided on the last page of this SOW for reference. If another layout is recommended by the contractor, it will need to be submitted and approved.
- j. Contractor will come up with a solution to fix the issue of rear tires rubbing outer framework tubing when the leaf springs/suspension is compressed fully and rubber bumper hits axle pump stops. This solution will be presented to the COR for approval before work is started.
- k. All welds shall be free of defects and slag
- l. There will be a minimum of 2 coats of single stage paint military OD Green put on the bed and a rubberized undercoating sprayed to the underside of the bed.

It will be mounted to Government owned 2016-2027 Ford F-350 Crew Cab Long Bed SRW Pickups. The contractor will remove currently installed factory bed and the contractor will retain ownership of the factory bed when removed.

- 2) All marker lights shall be LED, waterproof, and recessed. The USAF will provide new blackout lights currently on the bed of the vehicle when the truck ships to the contractor. These lights shall be mounted onto the rear of the platform bed in accordance with the layout of the bed on 16B00285. All electrical connectors shall be waterproof connectors with dielectric grease used.
- 3) All welding shall be performed by an American Welding Society (AWS) certified welder and certification shall be provided in the contractor's proposal to the Government

- 4) There will be a mounting location for supplied vehicle aircraft tie down assemblies on rear of the bed. The mounting plate shall be at the end of the truck frame rail. It will be secured by being bolted into position. The specific set-up and location will be identical to what is on 16B00285
- 5) Current trailer hitch shall not be altered, and the spare tire shall remain in the current location under the truck. The electrical connectors shall be moved above factory installed hitch and mounted to the platform bed to mirror what is currently on 16B00285.
- 6) Contractor will pay for transportation of LSSVs to/from Travis AFB, NJ and JBMDL, NJ

Air Transportability and Test Loading Activity (ATTLA) Certification

1. After the platform bed is built and installed onto the vehicle, the contractor will have it reviewed and certified by the Air Transportability Test Loading Activity (ATTLA) to meet the ratings and specifications of handling G forces on 3000 lbs of cargo. If the specifications fail the ATTLA review, the contractor shall discuss potential adjustments to be made with the Requiring Office and Contracting Officer in order to formulate a redesign effort in order to pass ATTLA review. The contractor shall be responsible for providing all documentation of securing bolts used to secure the bed to the frame, American Welding Society (AWS) welder certification, and any additional information needed by ATTLA.
 - a. **Once ATTLA certification is obtained per each vehicle Stage 1 of build will be complete**
 - b. If additional time is needed for ATTLA required changes, the contractor will have 5 business days from the ATTLA requested corrective actions, to complete the updates.

3. DELIVERABLES

- 1) Any design changes outside of this SOW from the contractor will have to be submitted within 10 business days of receiving the first truck. The government has 5 business days to reply back, and that time will be added to the build time authorized for that asset.
- 2) Contractor will supply the USAF with all flatbed data for all builds, to include CAD with all rights, metal thickness of all material used, all part numbers/suppliers of lighting and paint code.

STAGE 2 Electronics:

Installation

- 1) The 3000-watt inverter (customer supplied) will be installed under the rear passenger seat mirroring the current set-up on 16B00285. It will only work while vehicle is running or connected to the shoreline
 - a. The shoreline connection will be located in the left front fog light factory cut out in the front bumper as it is on 16B00285.

- 2) There will be three (3) 120V GFCI AC power outlets installed on the truck
 - a. Location number one is to the right of the cup holders in the front dash, mirroring the setup on 16B00285
 - b. Location number two is centered under the rear seat, mirroring the setup on 16B00285
 - c. Location number three is drivers side flatbed storage compartment, mirroring the setup on 16B00285
- 3) The public address system (customer supplied) will be mounted the same as 16B00285 with the following changes
 - a. The control box will have a magnetic base so that it can be installed/affixed to the same metal plate as the radio amplifier.
- 4) The Amber and Infrared strobes (customer supplied) will be mounted and installed identical to 16B00285
- 5) The radio amplifier DC power kit (customer supplied) will be installed the same as on 16B00285
- 6) The 621 CRW will supply the front passenger seat and rear floor laptop mounts for the contractor to install.
- 7) The contractor will mount the antenna base (customer supplied) and run both VHF and UHF (contractor supplied) wiring to the radio amplifier location in the truck following same path as currently on 16B00285 and attached to the inner passenger side headache rack steel plate.
- 8) Contractor will install a high idle switch on all trucks to be manual activated. This is so the inverter can be used at max power while truck is in park. It will be wired to be deactivated when the brake pedal is pressed. The contractor will need to supply 3 location options for approval to the COR.
- 9) If the LSSV doesn't have the blackout light kit that is installed on 16B00285, the contractor will install the system (with customer supplied lights) to work in the same style, function and same number of switches as on 16B00285 (Approximately 11 trucks, year 2019-2027). Contractor will have 8 weeks to research and design the system for the first truck of a newer model. Then after R&D the contractor will have 3 business days per truck to complete the installation of the system.
- 10) If LSSV doesn't have a trailer brake controller installed, then the contractor will install a factory trailer brake controller for that specific vehicle.
- 11) Contractor will pay for transportation of LSSVs to/from Travis AFB, NJ and JBMDL, NJ

3. DELIVERABLES

- 1) Any design changes outside of this SOW from the contractor will have to be submitted within 10 business days of receiving the first truck. The government has 5 business days to reply back, and that time will be added to the build time authorized for that asset.

4.6 Base Access

If the contractor does not possess a base access clearance the government will request one on their behalf. The COR shall notify the 87th Security Forces Squadron (JBMDL) / 60th Security Forces Squadron (Travis AFB), Plans and Programs Flight, Information Protection (87 SFS/S5X/IP, 60 SFS/S5X/IP) before on-base performance of the service. The notification shall include:

- 1) Name, address, and telephone number of company representatives.
- 2) The contract number and contracting agency.
- 3) The highest level of classified information which contractor employees require access to.

3.8 Records, Files, Documents

All developed physical records, files, documents and work papers, provided and/or generated by the Government and/or generated for the Government in performance of this SOW, maintained by the contractor which are to be transferred or released to the Government or successor contractor, shall become and remain Government property and shall be maintained and disposed of IAW AFMAN 33-363, Management of Records; AFI 33-364, Records Disposition – Procedures and Responsibilities; the Federal Acquisition Regulation, and/or the Defense Federal Acquisition Regulation Supplement, as applicable. Nothing in this section alters the rights of the Government or the contractor with respect to patents, data rights, copyrights or any other intellectual property or proprietary information as set forth in any other part of this SOW or the Application Services contract of which this SOW is a part (including all clauses that are or shall be included or incorporated by reference into that contract).

All documentation, equipment, and media, including all source material, files, etc., developed and/or maintained under this contract, become/are the sole property of the Government without any restrictions or limitations upon acceptance by/delivery to the Government. All such materials shall be turned over to the Government at contract completion/expiration/termination.

6. INSPECTION AND ACCEPTANCE

Inspections will be inspected/accepted by the following personnel

JBMDL, NJ 621 Contingency Response Contacts:

- 1) Primary – TSgt Russell, Rex Office:609-754-3771, Cell:704-785-4759
- 2) Secondary – TSgt Sweeney, William Office:609-754-4043
- 3) Alternate – TSgt Stine, Clinton Office:609-754-4043

Travis AFB, CA 821 Contingency Response Contacts:

- 1) Primary – TSgt Fowler, Kevin Office: 707-424-7467
- 2) Alternate – TSgt Bartsad, Jesse Office: 707-424-4299

10. QUALITY CONTROL

10.1 Quality Control Plan (QCP). The contractor shall be responsible for establishing, implementing, and maintaining a current QCP for LSSV Platform Build. The contractor shall submit a QCP with the proposal, which will identify the standards, processes, procedures, and checklists for all tasks performed. The plan shall become a compliance document after evaluation and acceptance by the CO. The contractor shall monitor quality processes and perform technical audits and reviews in accordance with the QCP to verify adherence to organizational standards, processes, and procedures. Changes to the QCP during contract performance shall be submitted to the CO for acceptance not later than 10 calendar days prior to any changes being affected by the contractor.

10.2 The QCP will describe, at a minimum, the inspection system used to cover all services listed in the Services Summary (refer to Section 2). The description will include specifics as to the areas to be inspected on both a scheduled and unscheduled basis, frequency of inspections, and the title and organizational placement of the inspectors.

10.3 Quality Control Representative. Contractor shall designate in writing to the COR, one employee, during Contractor Mobilization, who shall be the contractor's point of contact relating to all quality control functions, and maintain the QCP IAW section 1.8.1.

10.4 The QCP and documentation shall be kept and made available to the Government, upon request, throughout the contract performance period and for the period after contract completion until final settlement of any claims under this contract.

