

CITY OF VICTORVILLE, CALIFORNIA



PROJECT# CC21-115

**FURNISH AND DELIVER
POLICE DEPARTMENT (PD) MOBILE COMMAND VEHICLE**

SUBMITTAL DUE DATE:

MAY 26, 2021

AT 2:30 P.M.

CITY OF VICTORVILLE
CC21-115 PURCHASE OF PD MOBILE COMMAND VEHICLE

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This solicitation package includes the sections and exhibits listed below. If any of these items is missing from your solicitation package, please notify the contact identified in Section 1 – paragraph A-3 Notice Inviting Bids

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**CITY OF VICTORVILLE
CC21-115 PD MOBILE COMMAND VEHICLE
SECTION I
NOTICE INVITING BIDS**

A-1 NOTICE IS HEREBY GIVEN - Sealed bids will be received by the Purchasing Agent of the City of Victorville, California, for furnishing and delivering, to the designated point within the City of Victorville, **Purchase of (1) PD MOBILE COMMAND VEHICLE Project #CC21-115**, as described in the specifications for this item(s).

A-2 DATE OF OPENING BIDS - Bids will be received by the Purchasing Agent at 14343 Civic Drive, Victorville, California, 92392, until **2:30 P.M. (PST)**, on **MAY 26, 2021**.

A-3 OBTAINING BID PROPOSAL FORMS - Bid Proposal Forms may be obtained from the Purchasing Section of the Finance Division, City of Victorville, 14343 Civic Dr., Victorville, California, 92392, or by contacting Celeste Calderon at 760/955-5082 or by email: cmcalderon@victorvilleca.gov.

The City of Victorville Web Page, <http://victorvilleca.gov> under the tab heading, "Bids", will contain a copy of this document as well as a summary of any/all applicable addenda.

BY ORDER OF THE CITY COUNCIL OF THE CITY OF VICTORVILLE.

Dated: April 28, 2021

Charlene Robinson, City Clerk

**CITY OF VICTORVILLE
CC21-115 PD MOBILE COMMAND VEHICLE
SECTION II
INSTRUCTIONS TO BIDDERS**

I. CONDITIONS OF BID: Bidders shall show in the designated space on the Bid Proposal Form, the number of days from the date of issuance of the signed Purchase Order to the date when delivery of **PD MOBILE COMMAND VEHICLE, CC21-115** specified is to be made to the designated location (City Yard, 14177 McArt Road) within the City of Victorville.

Bidders will provide electronic communication of delivery status to the Chief of Police or his designee, 30 days prior to the bidder's original estimated delivery date and every 15 days thereafter to conclude on delivery. Specifications set forth by the City of Victorville are to be considered as a minimum. Bidders shall also accompany the signed Bid Proposal Form with a list of exceptions to the specifications for the item(s) proposed which do not meet the minimum specifications as set forth in the City of Victorville Specifications for **Vehicle**.

A statement of all guarantees provided by the manufacturer covering the item(s) proposed and the appurtenant equipment shall also accompany the Bid Proposal Form.

No bidder shall be acceptable who is not a reputable manufacturer or manufacturer's franchised dealer of such item(s) as submitted for bid consideration.

Each bidder shall submit with their bid a copy of their proposed product specifications, complete detailed drawing(s), and other descriptive matter in sufficient detail to clearly describe Mobile Command Unit, material(s) and part(s) offered.

The final determinant for "equal product" quotes shall solely be the City of Victorville. Submission of any quote or proposal shall be subject to this determination and will be a consideration in the presentation and bid award. Any party submitting a quote or proposal shall do so fully accepting this quality determinant procedure.

Bids shall be firm offers, subject to acceptance or rejection within thirty (30) days of bid opening.

Manufacturer and/or bidder shall defend any and all suits and assume all liability for any and all claims made against the City of Victorville, or any of its officials or agents for the use of any patented process, device or article forming a part of the **Vehicle** or any material(s) furnished under the contract.

The **Vehicle** that the bidder proposes to furnish to the City of Victorville must comply in all respects with the appropriate safety regulations of all regulatory commissions of the Federal government and the State of California, whether such safety features and/or materials have been specifically outlined in the specifications or not.

The manufacturer and/or dealer will pre-service and test all functional items for correct operation.

Successful bidder delivering the item(s) pursuant to these Instructions shall guarantee it meets the specifications as set forth herein. **ONE (1) WEEK PRIOR TO DELIVERY, AWARDED BIDDER MUST SUBMIT THE VEHICLE SPECIFICATIONS/DRAWINGS SCHEDULED FOR DELIVERY.**

If it is found the item(s) delivered do(es) not meet the requirements of the City of Victorville Specifications, the successful bidder shall be required to correct the same at his own expense and within a time frame deemed acceptable by the City of Victorville.

Price shall be quoted F.O.B., Victorville, California (all transportation charges fully prepaid), and shall include all discounts. Bid shall include California sales tax computed at the rate of 8.75 percent.

In case the delivery of the item(s) under this contract is/are delayed due to strikes, injunctions, government controls, or by reason of any cause or circumstance beyond the control of the bidder, the terms of delivery may be extended by a number of days to be determined in each instance by mutual written agreement between the successful bidder and the Purchasing Agent of the City of Victorville.

Purchaser's authorized representatives shall have the authority to inspect, with the cooperation of the manufacturer, all materials and workmanship at any time during the manufacturing process.

Bidder shall specify the location of a qualified service representative who will be able to render prompt service.

Upon notification of award, the successful bidder shall diligently prosecute the work so that delivery of all item(s) awarded/ordered (per specifications) will be completed by the date noted on the bid proposal form.

II. BIDS DUE DATE : Bids will be received at the Finance Department for the City of Victorville, 14343 Civic Drive, Victorville, California, 92392, **until 2:30 p.m. (PST) on MAY 26, 2021**. At this time, there are no publicly accessible bid openings in an effort to reduce the risk of COVID-19 exposure, formal bid openings will be held via Webex. <https://victorvilleca.webex.com/meet/generic> Reference Meeting ID # 809 785 515.

If you have any questions during the livestream submit your questions via livechat or by emailing to purchasing@victorvilleca.gov and we'll answer your questions in the order they are received.

All Bid due dates both formally and informally are still in effect and will take place. For those sending their bids/proposals via Fed-Ex, UPS, or other carriers; the City is still accepting deliveries from delivery companies. For those contractors wanting to hand-deliver their bid/ proposals to City Hall, please **deliver the bid package to the Receptionist**.

III. LOCATION OF DELIVERY POINT: The **VEHICLE** to be furnished shall be delivered to Public Works Yard, 14177 McArt Road, Victorville, California. Delivery hours are Monday-Thursday, 8:00 a.m. to 2:00 p.m. The successful bidder shall be required to contact **Tony Camargo**, 72 hours prior to delivery, at **(760) 955-5114** for shipping instructions. **ONE (1) WEEK PRIOR TO DELIVERY OF VEHICLES, AWARDED BIDDER MUST SUBMIT A DETAILED LISTING OF THE VEHICLE SCHEDULED FOR DELIVERY.**

IV. DELAYS: In the event the bidder fails to make complete delivery of the item(s) as specified, bid and awarded, within ten (10) calendar days of the specified contract delivery date, the City of Victorville shall have the right to assess a monetary penalty equal to \$100/day. The City of Victorville shall have the right to terminate the contract without being liable to the bidder and acquire said item(s) as the City of Victorville deems appropriate. It is further agreed that in the event such damages are sustained by the City of Victorville, the City of Victorville shall deduct the amount thereof from any monies due or that may become due the vendor under the contract or take other action as the City of Victorville deems appropriate.

V. PROHIBITED INTEREST

No member, officer, or employee of the City of Victorville engaged in the selection, award, or administration of this Contract shall have any prohibited conflict of interest, whether real or apparent, in this Contract or the proceeds thereof.

Furthermore, the parties hereto covenant and agree that to their knowledge no member, officer, or employee of the City has any interest, whether contractual, non-contractual, financial, or otherwise, in this transaction or in the business of the contracting party other than the City, and if any such interest comes to the knowledge of either party at any time, a full and complete disclosure of such information will be made, in writing, to the other party or parties; even if such interest would not be considered conflict of interest under Article 4 (commencing with Section 1090) or Article 1 (commencing with Section 87100) of Chapter 7 of Title 9 of the Government Code of the State of California.

VI. AWARD OF CONTRACT: The City of Victorville reserves the right to reject any and all bids and waive any irregularities or informalities in any bid or in the bidding process. The City of Victorville further reserves the right to award the contract to other than the lowest Bidder if such action is deemed to be in the best interest of the City of Victorville. The award of the contract, if awarded, will be made within forty-five (45) days after opening of the Bid Proposals. The bidder's signature on the Bid Proposal Form shall constitute a commitment on the part of that Bidder to furnish the equipment as set forth in the Bid Proposal Form, the Instructions to Bidders, the Specifications, and the Notice Inviting Bids. The Bidder to whom the contract is awarded shall be notified upon approval of the contract by the City Council. The Instructions to Bidders, the Notice Inviting Bids, the Bid Proposal Form, and the City of Victorville Specifications, together with the specifications of the item(s) proposed to be furnished, shall all be considered as part of the contract between the City and the Bidder to whom a Purchase Order is issued. Furthermore, the bidder to whom the contract is awarded shall furnish and deliver **VEHICLE** as set forth herein.

The City of Victorville shall make payment by cash or check within thirty (30) days after complete delivery and acceptance of specified vehicle by the City of Victorville and receipt of the bidder's priced invoice.

VII. TERMINATION FOR CONVENIENCE: The City of Victorville may, by written notice, terminate this contract in whole or in part, when deemed in the City's interest. Upon termination of this contract, the City of Victorville shall only be liable for payment under the payment provisions of this contract for services rendered or supplies furnished prior to the effective date of termination.

VIII. TERMINATION FOR DEFAULT: The City of Victorville, may, by written notice of default to the Contractor, terminate this contract in whole or in part if the Contractor fails to:

1. Deliver the supplies or to perform the services within the time specified in this contract or any extension; or
2. Make progress, so as to endanger performance of this contract; or
3. Perform any of the other provisions of this contract.

The City's right to terminate this contract may be exercised if the Contractor does not cure such failure within five (5) days, after receipt of the written notice from the City of Victorville.

Upon termination of the contract with the successful bidder, the City of Victorville may award the contract to the second lowest responsible bidder, if it is deemed to be in the best interests of the City of Victorville.

IX. AFFIRMATIVE ACTION: The City of Victorville hereby notifies all bidders that it will affirmatively ensure that minority business enterprises will be afforded full opportunity and consideration when submitting bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, creed, or national origin when reviewing the bid proposals for award of contract.

X. PREFERENCE TO LOCAL VENDORS: The City Council, in awarding bids pursuant to Section 2.28.160 of the Municipal Code may, at its discretion, grant qualified local vendors a bidding preference of three percent (3%). Such preference, however, shall not exceed an aggregate sum of one thousand dollars (\$1,000.00) for any contract awarded under this project. A "local vendor" is defined as any individual, partnership or corporation, which regularly maintains a place of business and an inventory of merchandise for sale within the corporate limits of the City.

XI. PUBLIC RECORD: Be advised that **all** information contained in proposals submitted in response to this solicitation **shall** become a matter of public record upon contract award, and be made available upon request, unless otherwise marked. The Bidder must identify, in writing, all copyrighted material, trade secrets or other proprietary information the Bidder claims are exempting from disclosure pursuant to the California Public Records Act and Government Codes regarding public records. The Bidder who claims such an exemption must also state in the proposal that, "The Bidder agrees to indemnify and hold harmless the City and its officers, employees and agents from any claims, liability, or damages against the City and to defend any actions brought against the City for its refusal to disclose such material, trade secrets or other proprietary information to any party."

XII. EVALUATION OF BIDS: The City of Victorville reserves the right to accept or reject all bids and to award a contract to the bidder who best meets its requirements. Relevant factors which shall be considered in evaluating the bids are: completeness and accuracy of bid; length and nature of warranties; past experiences of the City of Victorville with the bidder; references from other owners or municipalities regarding past business with the bidder; as well as the lowest and best price.

XIII. AMERICAN WITH DISABILITIES: The proposer shall comply with the Americans with Disabilities Act (ADA) of 1990 (42 U.S.C. 12101 et seq.) which prohibits discrimination on the basis of disability, as well as all applicable regulations and guidelines issued pursuant to the ADA.

**CITY OF VICTORVILLE
CC21-115 PD MOBILE COMMAND VEHICLE**

SECTION III - SPECIFICATIONS

The following specifications outline the minimum requirements for a custom manufactured command center for use by the San Bernardino County Sheriff's Department, Victorville Station (SBCSD). The command center will be divided into three (3) distinct areas separated by pocket doors. Area one will have a minimum of two (2) seated work stations with overhead storage cabinets, folding counter with two (2) standing workstations with overhead cabinets, and a location for a printer on a slide out tray and storage for a 110-quart Igloo ice chest. Area two will have a galley area, lavatory, and storage closet. Area three will have two (2) flat floor slide out rooms with a meeting table and seating for up to twelve (12) people. While all efforts have been made to fully detail the construction materials methods and equipment required to build this command center it remains the vendor's responsibility to choose components that will provide maximum performance, service life and safety and not just meet the minimum requirements. No drawings are provided. It is in the best interest of SBCSD to evaluate each vendor's configuration concepts based on the description above and the information included throughout these specifications.

Due to the complexity of the conversion vendors must provide detailed specifications. A general statement or letter stating that the vendor meets all specifications will not be acceptable. Additionally, photocopies of this specification will not be an accepted response. For ease of evaluation, all submitted specifications must follow the format of this document. Failure to meet these requirements may be deemed as nonresponsive.

To insure SBCSD a source of service and parts over the anticipated life of the vehicle potential vendors must have established a permanency in the industry for a minimum of twenty (20) years. Vendors must include with their proposal a list of ten (10) vehicles of similar (or greater) size and complexity built on a Freightliner MT55 chassis and delivered within the last twelve (12) month period. Reference vehicles must have fully automatic vehicle automation systems with logic capabilities and flush floor slide out room extensions. Additionally, to ensure vendors have an established presence in the state of California, include a list of the twenty-five (25) most recently delivered vehicles to CA law enforcement agencies. Each list must include Department name, contact name, contact telephone number, contact email, date of delivery, VIN, and exterior vehicle photo. Also include a list of all vehicles currently in production for CA law enforcement agencies with contact name, telephone number and email address listed. SBCSD will be contacting references, if information on provided lists is incorrect or named contacts are unreachable vendors response will be deemed non-responsive. No exceptions.

Note: References of a subcontractor or subsidiary will not be acceptable. All references must be for vehicles built and delivered by vendor.

The ability to have the command center fully operational in a minimum amount of time is of utmost importance, therefore a fully integrated vehicle automation system is required. The vehicle automation system must include an auto set up mode that will enable the command center to be fully operational/fully deployed in no more than ten minutes time by a single operator. This includes but is not limited to: generator startup, interior and exterior lighting powered on, HVAC systems powered on, galley equipment powered on, audio/video systems powered on, slide outs deployed, stabilizer system deployed, radio systems powered on, computer network equipment powered on, battery charging system powered on, and awning extended. Complete details for the vehicle automation system are listed throughout the specifications.

SBCSD reserves the option to request, and the vendor shall agree to provide, an on-site demonstration and evaluation of a vehicle that has a fully integrated vehicle automation system prior to award. The demonstrator unit shall be made available at no additional cost.

There will be no down payment, prepayments, or progress payments. No exceptions. Vendor must be awarded ISO 9001:2015 certification and must include a copy of their certification certificate with response. ISO certification must be for design, fabrication, integration, upfit and retrofit of emergency response and commercial specialty vehicles. Additionally, the ISO certificate must list the full address of all facilities that are covered by the certification and the vendor will be required to build the vehicle at the listed facilities. No exceptions to any of the ISO requirements.

Prototype and/or demonstrator vehicles will not be accepted under any circumstance. Additionally, the body is to be a standard commercially available production model and may not include any proprietary construction techniques or components. No exceptions. Vendor must stock a complete line of special service equipment and parts for this vehicle. Vendor must be able to supply 90% of parts required to maintain this vehicle within 24 hours and have the balance available within 72 hours. Note: SBCSD reserves the right to request certain items be shipped at vendor's expense to verify ability to comply. Failure to respond as stated will be cause for rejection.

Brand names are used to establish minimum standards. If an alternate brand or model is specified, equivalency must be demonstrated. All exceptions are to be listed on a separate sheet of paper with reasons for exceptions. If an item is to be purchased, rather than manufactured by the vendor, appropriate literature demonstrating equivalency must be provided. Failure to demonstrate equivalency will be cause for rejection.

To fairly evaluate each vendor's technical ability and design capability, drawings are to be provided. All drawings submitted will be on the same size paper and to the same scale. The drawings are to be on "D" size paper, 24" x 36" in size, all views must be on 1/2" = 12" scale. CAD prints are preferred.

The drawings are to be provided as follows:

- Interior floor plan (overhead)
- Right hand section view interior
- Driver and passenger view exterior
- Front and rear-view exterior
- Appropriate section views interior
- Left hand section view interior
- Roof top view exterior

In addition to the drawings each vendor must include a payload calculation work sheet showing the estimated as built front axle, rear axle and total vehicle weight of the proposed vehicle. These calculations must be based on previously built vehicles produced by the vendor. Failure to meet this requirement will result in response being deemed nonresponsive.

1 - 2022 Freightliner MT-55 forward control chassis. Minimum chassis features are listed below, include detailed Freightliner specifications with response.

- Cummins ISB 6.7 300 HP@2600 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM
- 2008 CARB emission certification - clean idle
- 12v 200 amp 28-SI quadramount pad alternator
- (2) model 1131, group 31, 12-volt maintenance free 1900 CCA threaded stud batteries
- 18.7 cfm air compressor with internal safety valve
- Exhaust brake integral with variable geometry turbo with on/off dash switch
- 10-gallon diesel exhaust fluid tank RH frame mounted

- LH horizontal tailpipe, exit aft of rear tires
- Allison 2200 EVS automatic transmission with park pawl with PTO provision
- TRW TAS-65 power steering
- Front stabilizer bar
- Front shock absorbers
- 5.13 rear axle ratio
- Synthetic 75W-90 rear axle lube
- Airliner rear suspension
- Airliner high position ride height
- Dual instant response rear suspension leveling valves
- Rear swaybar
- Rear shock absorbers
- Hydraulic brake package with optional air supply
- Hydraulic 4S/4M without traction control
- 5/16 X 2.81 X 9-1/8 inch steel frame, 80KSI
- 60 gal / 227 liter rectangular steel fuel tank - between rails
- Petroleum or bio diesel fuel up to B20 blend, ASTM D6751 compliant
- Michelin XZE 255/70R22.5 16 ply radial front tires
- Michelin XD2 255/70R22.5 16 ply radial rear tires
- 22.5X8.25 10-hub pilot 5-hand steel disc front wheels
- 22.5X8.25 10-hub pilot 5-hand steel disc rear wheels
- Hood mounted chromed plastic grille
- Compact air conditioner compressor
- Auto self-reset circuit breakers and fuses
- Tilt / telescopic steering column with foot actuated pedal
- Green gauge backlighting
- Driver message center w/LCD display, 24 warning lamps, data linked, AMI
- Electronic 3500 rpm tachometer
- Single air pressure gauge for hydraulic brakes with air provision
- Electric engine oil pressure gauge w/warning lamp and alarm
- Electric engine coolant temp gauge w/warning lamp and alarm
- Digital voltage display integral with driver display
- Elec fuel gauge & low fuel indicator lamp
- Automatic transmission oil temp gauge w/warning lamp
- Engine hour meter, integral to message center LCD
- 97 dB backup alarm
- Cruise control switches

CHASSIS WARRANTY:

- Three (3)-year/50,000 mile Freightliner MT-55 chassis warranty.
- Three (3)-year/unlimited miles Cummins engine warranty.
- Five (5)-year/unlimited miles Allison EVS transmission warranty.

1 - US DOT triangle reflector kit with three (3) triangles, for compliance with FMCSA regulations. Includes plastic storage case. Kit will be shipped loose in the vehicle.

1 - Stainless steel wheel liners with braided stainless steel valve stem extenders.

BODY:

1 - All aluminum commercially available production model walk-in body (no exceptions). May not include any proprietary construction techniques or components. Built to the following specifications:

- Driver sedan door with slider window, door skin shall be chemically bonded to door frame structure. Door shall have continuous stainless-steel piano hinge and two (2) nylon straps.
- Passenger sedan door with slider window, door skin shall be chemically bonded to door frame structure. Door shall have continuous stainless-steel piano hinge and two (2) nylon straps.
- Sedan doors shall have a 0.125" aluminum tread plate step well for 18" skirt depth.
- Sedan doors shall have black non-skid tape on all door entry sills.
- Sedan doors shall have polished aluminum Tri-mark flush mounted locking hardware with self-aligning rotary latch and matching key locks.
- Aluminum alloy double H wall beam, 6005-T5 alloy, 3" x 3" wide at the base, 1.5" wide at the top, 0.125" wall thickness 24" on center. Studs feature machined wire pass-throughs and raised adhesive control features on base. Include photo documentation of body with proposal to verify that vendor can meet this requirement, photos must show interior structure and exterior of the body. Simply stating comply without the photo documentation will result in disqualification.
- Beams shall be chemically bonded to sidewalls eliminating the need for additional rivets. Buck-rivets will be used to fasten the top, bottom, and rub rail. Use of two-sided tape is not acceptable.
- Body shall have 0.125" strain-hardened aluminum alloy 5052-H36 side panels. The upper panels shall be free of rivets allowing for smooth graphics application.
- Skirt supports, 1.5 x 1.5 x 0.125 angle to reinforce skirt edge and hold bottom edge in a straight line. 0.188 x 1.00" flat braces placed at 4' intervals and riveted to lower wall angle and floor to maintain sidewall skirt rigidity.
- Fender flares, 1.38" x 2.25" x 0.090" roll formed and radiused 5052-H32 aluminum sheet, mechanically fastened to wheel opening. Edges sealed against moisture.
- NFPA 1901 embossed 0.125" aluminum tread plate roof attached to 3" x 1.5" x 0.125" extruded aluminum roof bows on 16" centers. Bows are 2" skip welded every 12". Tread plate seams to be continuous welded - no exceptions. Bows feature machined wire pass-throughs and raised adhesive control features on base - no exceptions. Perimeter of roof shall be chemically sealed. Include photo documentation of roof with proposal to verify that vendor can meet this requirement, photos must show interior structure and exterior rooftop. Simply stating comply without the photo documentation will result in disqualification.
- Lift-up molded fiberglass hood with stainless steel grill insert. Hood shall have integrated LED headlamps and running lights with turn signal indicators and dual assist gas charged lift shocks.
- Extruded aluminum floor with interlocking planks, 1.88" high x various widths, 0.125" top surface. 6005-T5 alloy and temper. Heavy-duty thick-wall extruded planks fore and aft of all floor cutouts and every 5th plank in all other areas. Planks made of 6005-t5 alloy and temper, 0.250" thick top surface.
- Single piece bright polished front bumper.
- Tinted safety plate glass windshield with driver and passenger sun visors.
- Full width 12" deep heavy-duty aluminum rear bumper with center step, painted to match the body.
- Integral cab air conditioning and heating system with dash controls.

- Velvac heated remote-control rear-view mirrors with dash controls. Upper mirror has 62-sq.in. of flat surface and lower mirror has 30-sq.in. of convex surface. Mirror has a fold-away arm.
- Driver seat shall be Seats Inc. Magnum 200 mechanical suspension seat on fixed pedestal. Seat shall be covered in black cloth and have arm rests, lumbar support, tilt back and 3-point seat belt.
- Passenger seat shall be black jump seat with 2-point seat belt.
- Intermittent windshield wiper/washer with single heavy-duty windshield wiper motor.
- Custom front wheel cutouts for tires.
- Rear frame-mounted tow eyes extending past body.
- Aluminum engine box cover with acoustical and thermal insulation. Black molded ABS composite engine box over-layer.
- Acoustical and thermal insulation with heat shield on exterior fire-wall.
- Full length skirting. Skirt shall extend 18" down from the bottom of floor extrusions.
- Dash shall be vacuum formed ABS composite with integrated control pod located left of dash.
- All clearance and side marker lights to be LED.
- Standard structural warranty of 5 years or 50,000 miles and standard component warranty of 12 months or 12,000 miles.
- The vehicle shall be fully sanded on all exterior surfaces with no more than 150 grit to assure removal of imperfections in metal surface. All aluminum shall be chemically etched and primed prior to painting. Base body color shall be oven baked and painted to commercial truck standards.

3 - Exterior heavy-duty knurled aluminum grab handle and chrome plated stanchions installed at entry door.

2 - Automatic LED courtesy light at entry door.

1 - Wire one of overhead light to function as a courtesy light.

1 - Courtesy lights to be controlled through vehicle automation system. Vehicle automation system will be configured to automatically illuminate lights when the door is opened and will automatically turn off if the door is in the open position for more than 20 minutes. Touch screen(s) shall have a courtesy light on/off icon on the LIGHTING screen. No exceptions to any of these requirements.

1 - 24" Single C manually operated exterior entrance step X053W951247 (or current model).

1 - Flip-down aluminum step on rear bumper with Diamondback step surface and stainless-steel rails and bolt on mounts. Step shall have slots in rails for securing step in stow and down position.

1 - Maxxima LED Round combination stop/tail, turn and reverse lights.

1 - Cast Products LP0013-1 aluminum license plate holder with LED light.

1 - Entire underside shall be undercoated. Includes chassis, floor extrusions, step wells and aluminum compartments.

1 - Rear mud flaps. Includes anti-sail brackets when required.

1 - Flat floor slide out room extensions, fabricated with a structurally rigid welded aluminum tube design with a fully bonded aluminum shell. During deployment an electronic control system automatically expands the room extension and lowers the floor to flush position.

Slide out features:

- The slide out room extensions will have the following minimum lengths: 2-91" long x 30" deep.
- Slide-out to be fabricated with a structurally rigid welded aluminum tube design with a fully bonded aluminum shell.
- 0.125" 5052 aluminum wall skins on slide-out.

- 1" x 3" x 0.125" 6061 aluminum wall beam channels with 2" x 6" wire chase slot 6" from the top.
- 2" x 4" x 0.125" 6061 aluminum lower tubular structure with 1" x 2" x 0.125" cross supports.
- 1" x 4" x 0.125" 6061 aluminum upper tubular structure with 1" x 1" x 0.125" cross supports.
- All exposed tube ends to be capped before welding assembly together.
- Flexible wire chase to be fully enclosed in aluminum channel with access cover. Fabric covered or exposed cable chase will not be acceptable under any circumstance.
- Awning that automatically extends and retracts over the top of the room to protect from weather and debris.
- Full perimeter double rubber bulb seal with an additional seal in the fully extended and fully retracted positions.
- Slide out shall be fully automatic and shall not require the operator to manually move the floor panel or any other component of the slide out before or after deployment.
- No track or hardware shall be attached to the ceiling of the body.
- Multiplexed electric over hydraulic control system programmed to lower the slide out to floor height after full extension.
- Vehicle automation system touch screen(s) shall have a slide-out extend/retract icon on the MISC screen for each slide out room.
- There shall be an interlock through the vehicle automation system to prevent moving the vehicle with the slide out extended. Vehicle automation system to give audible and visual alert if the ignition is turned to on position when any slide out is extended.
- Include photos of vehicles previously built with flat floor slide out rooms forward and aft of the rear axle with response. Photos must show slide out construction and fit and finish.
- Ergonomic safety and efficiency is of utmost importance in the design and functionality of this vehicle, therefore, above floor or straight out slide outs will not be acceptable.
- There will be no exceptions to any of the slide out requirements.

2 - Flashing amber warning light for slide out. Vehicle automation system will automatically turn lights on in flashing mode during AUTO STARTUP sequence. Touchscreen shall have an icon to allow the amber lights to be changed from flashing mode to steady burn or off. No exceptions.

PAINT:

Body base color shall be white.

DRIVER / PASSENGER CAB AREA:

1 - Walk-in van custom cab area finishing.

- Cover cab doors with aluminum panels powder coated black.
- Heavy-duty rubber grab handle on each door.
- Panels covered with vinyl or fabric above driver and passenger doors.
- Vehicle height sign on dash.
- Insulated black rubber mat in driver and passenger toe plate area.
- Insulate walls in kick plate area and install black carpeted panels.
- Vehicle shall have a Final Stage Vehicle Certification and Altered Vehicle Certification as required by Federal Motor Vehicle Safety Standards (FMVSS) 49 CFR Part 567.5 and 567.7
- Payload sticker in cab area with vehicle axle load ratings and available axle payload as built.

built.

1 - Work area on passenger side covered with laminate to match rear countertops and trimmed with vinyl T molding.

- 1 - Multiplex Control systems shall be located in the overhead console. The entire console shall be constructed of 3/4" plywood. The face shall be finished with black laminate and the bottom shall be covered with vinyl.
- 1 - Red/Clear LED dome light with 3-position switch, red/off/white.
- 1 - Color back up camera system with 7" LCD monitor and day/night camera. Camera includes a microphone for audio commands from a spotter to the driver during backing operations.
- 1 - AM/FM stereo with Bluetooth and one (1) pair of 6" x 9" speakers.

WALLS, CEILING AND FLOOR:

1 - Insulate walls with a minimum of 2-1/2" of fiberglass with an R-11 rating. Cover interior body side posts with 1/2" plywood sub wall, structural plywood sub wall, Exposure 1-APA, 5 ply, face veneer plugged and sanded. Meets California Air Resources Board (CARB) phase 2 requirements.

Include cross section photo of wall construction with bid response (photo must show outer skin, wall beam, insulation, inner sub wall and FRP wall covering - no exceptions).

1 - Cover sub wall with smooth finish Kemlite 0.075" fiberglass reinforced plastic (FRP) lining. Wall covering shall be a continuous piece front to back, no seams acceptable.

1 - Insulate ceiling with a minimum of 2-1/2" of fiberglass with an R-11 rating. Cover interior roof beams with 1/2" plywood sub wall, structural plywood sub wall, Exposure 1-APA, 5 ply, face veneer plugged and sanded. Meets California Air Resources Board (CARB) phase 2 requirements.

1 - Ceiling shall be 3-piece modular design to allow easy access for future wiring additions and/or maintenance. Modular ceiling panels to be covered in silver fabric. Include photos of modular ceiling construction with response. No exceptions.

1 - Floor underlayment to be 5/8" exterior grade tongue and groove structural plywood, Exposure 1-APA, 6 ply, face veneer plugged and sanded. Meets California Air Resources Board (CARB) phase 2 requirements.

1 - Lonseal Loncoin II Flecks 150 Onyx non-skid commercial grade PVC flooring. The flooring shall be continuous, one piece full length, full width, no seams – no exceptions.

1 - Vinyl cove molding (mop board) at base of wall, 2-1/2" high. Installed where required.

2 - Flush pocket door installed on heavy-duty aluminum track with two (2) three-wheel roller trucks. Pocket door shall have recessed handle, soft open, soft close, magnets to hold the door in open position, magnets to hold door in closed position and safety strap for travel. Doors shall be flush with pocket when open providing full clear opening. No exceptions.

1 - All bulkheads shall be covered with Kemlite 0.075" FRP. Trim exposed edges of bulkheads with rounded anodized aluminum trim where applicable.

1 - Cover load space door with powder coated aluminum panel with heavy-duty rubber grab handle.

1 - Interior window covering will be a mini blind.

1 - Hehr street side mounted 30" wide x 19" high flush mount deep-tint horizontal sliding egress window with screen.

1 - Interior window covering will be a mini blind.

GALLEY / LAVATORY:

1 - GE 1.1 cu.ft. 950-watt microwave oven. Model JES1145DMBB

1 - Keurig Coffee maker.

1 - Norcold NR751B AC and DC powered refrigerator with the following features:

- 2.7 cu. ft. capacity.
- Freezer shelf for ice cube tray.
- Door bin holds 2-liter containers.
- Integrated door latch.
- 120/230Vac 50/60 Hz and 12/24 Vdc

1 - Pressurized Lavatory Water System. Includes:

- Thetford Foot Pedal Flush model 31661 (or current model) low-profile toilet in lavatory.
- 10" round stainless steel lavatory sink with chrome plated sink hardware.
- One (1) chrome plated paper towel holder and one (1) chrome plated toilet paper holder in lavatory.
- Vehicle automation system touchscreen to display tank levels for fresh and black water in bar graph format. No exceptions.
- Aqua Jet model #5503-AV15-B636 (or current model) 5.3 GPM water pump with accumulator tank.
- 2.5 gallon electric water heater.
- One (1) 30 gallon fresh water supply and one (1) 35 gallon waste tank.
- Plumbing pressure pipes shall be PEX tubing.
- Underbody fresh water and grey water tanks are to be heated and all plumbing insulated and wrapped with heat tape.
- Sewage hose and dump valve shall be provided for holding tank.
- Regulated city water fill so that system can be pressurized using city water when available.
- Winterizing valve mounted in line on the input side of the water pump. Valve allows antifreeze to be pumped throughout the system to winterize plumbing.

1 - Igloo® Ice Chest - Glide, 110 Quart

Keeps ice up to 5 days in 90°F heat.

Big, 6" wheels.

Horizontal telescoping handle.

Dimensions: Inside: 30 x 12 1/2 x 15" (W x D x H) Outside: 36 1/2 x 17 1/2 x 20" (W x D x H)

SEATING:

8 - Space Air Grid 55-38N17 black office chair with arm rests, five caster spider base, and adjustable height.

1 - Fabricate and install hinged bench seating. Bench seat cushions shall be covered in heavy-duty vinyl. Include photos of bench seating with response.

Bench seat fabrication specifications:

- Foam for seat backs and bottoms shall be firm density.
- All bench seating material must meet Federal Motor Vehicle Safety Standards part 571.302 Flammability of Interior Materials.
- Material corners shall be squared or angled to fit precise cut of foam.
- Foam shall be bonded to plywood backer with industrial grade adhesive.
- Attachment of fabric/vinyl to backer shall utilize industrial grade upholstery staples.

CABINETS:

1 - Custom fabricated powder coated aluminum cabinets, include photos of upper cabinets and base cabinets with response - no exceptions. Cabinet specifications:

- Base cabinets constructed of 0.080" powder coated aluminum with anodized aluminum frames.
- Base cabinet doors are double shell, formed from a single sheet of 0.080" aluminum, with a 0.040" aluminum door back attached.
- Overhead cabinets constructed of 0.064" powder coated aluminum with anodized aluminum frames.
- Overhead cabinets doors are double shell, formed from a single sheet of 0.064" aluminum, with a 0.040" aluminum door back attached.

- Overhead cabinets doors swing up on a full-length aluminum hinge, and are held open with a locking door stay.

No exceptions to cabinet construction.

4 - Single door overhead cabinet with dry erase writing surface on door and gas spring lift supports. One per workstation.

1 - Base cabinet with slide-out printer tray and storage drawer.

1 - Full height storage closet with dry erase writing surface on doors. Includes three (3) adjustable shelves mounted on B-line track.

1 - 19" EIA equipment rack cabinet.

1 - Overhead cabinet for microwave.

1 - Base cabinet for built-in refrigerator.

1 - Magnetic dry erase board framed in aluminum. Includes aluminum clip frame for easy board replacement, sized as required.

1- Countertops covered in 0.040" Wilsonart laminate. All exposed edges shall be covered with heavy duty flexible PVC T-molding.

1 - Conference table covered in 0.040" Wilsonart laminate. All exposed edges shall be covered with heavy duty flexible PVC T-molding.

1 - Flip down counter covered in 0.040" Wilsonart laminate. All exposed edges shall be covered with heavy duty flexible PVC T-molding.

1 - Powder coated 0.125" aluminum conference table base.

1 - Computer cable pass-thru grommet in counter.

HVAC SYSTEM:

1 - Fan-tastic Vent model 1450 3-speed reversible 12" power roof ventilator.

2 - Ducted Coleman Polar Mach 8 series (or equal) low profile air conditioners with power and thermostat controlled by the vehicle automation system. No exceptions.

- Vehicle automation system HVAC screen shall have a digital temperature display and an icon to increase or decrease the temperature setting for each air conditioner, there shall also be icons to choose fan high/low speed. Touch screen(s) will also have icons to select Auto, Cool or Heat modes - no exceptions.
- Vehicle automation system touch pad(s) with digital displays in rooms that do not have a touch screen to provide local control of the temperature setting.
- High Capacity Air Duct manufactured from polystyrene foam laminated with 99% pure polished aluminum inside and out, internally mounted in ceiling
- 13,500 nominal Btu/hr air conditioner with condensate pump.
- Chill Grille Assembly with 6,000 Btu/hr heat strip
- Louvered Ceiling Vents, as required

CUSTOM PROGRAMMED VEHICLE AUTOMATION SYSTEM:

Note: All of the vehicle automation system components must be commercially available for purchase. If a vendor proposes a proprietary vehicle automation system their response will be deemed non-responsive. No exceptions.

1 - Furnish and install a multiplexed vehicle automation system incorporated into common touch screen that is custom programmed to monitor and control onboard systems as described throughout these specifications. The automation system software must allow simultaneous distribution of information to multiple onboard control/monitoring stations and the software must be updateable and configurable as required. This system is mandatory as it simplifies start up procedures, contains fewer operating components, reduces operational start-up time, reduces the total amount of wiring in the vehicle and has error detection protocols and troubleshooting features.

Automation system includes:

- One (1), 10" LCD touch screens with custom graphics for control and monitoring

- One (1) 3" touch pad with custom graphics for local control of HVAC and lighting
 - One (1) 3" touch pad with custom graphics for local control of awning and scene lighting
 - AC power distribution control and monitoring for the generator with power management
 - DC power distribution control and monitoring with I/O channels and 3 battery banks
 - Manual or automatic generator control
 - HVAC and temperature control in each section of the truck
 - Lighting control in each section of the truck and exterior
 - Automatic power transfer switches
 - Automated startup and shutdown mode that will enable the command center to be fully operational/fully deployed in no more than ten minutes time by a single operator. This includes but is not limited to: generator startup, interior and exterior lighting powered on, HVAC systems powered on, galley equipment powered on, audio/video systems powered on, slide outs deployed, stabilizers deployed, radio systems powered on, computer network equipment powered on, battery charging system powered on, satellite data dish launched, satellite TV dish launched, mast raised, and awning extended.
 - Storage mode configuration to ensure auxiliary and chassis battery systems are maintained at full charge capacity. Storage mode must also control heating and air conditioning systems at a preset level to maintain interior vehicle temperature.
 - Battery Tend mode that automatically starts the generator and charges all battery banks when voltage drops below a user definable voltage setting. The generator will run for approximately two hours to fully charge the battery banks and then shut down.
 - Travel mode to maintain interior vehicle temperature and power to critical equipment, such as computers and radios, as the vehicle is traveling to and from the incident scene.
 - Battery Saver Feature eliminating the need to turn off the battery breaker to save battery power. Power returns automatically if the ignition is turned on or an entry door is opened.
 - Leveling system control.
 - Safety interlocks and warnings. The automation system touch screen(s) will automatically display a warning message and give an audible alert when the ignition switch is turned to the on position with an item deployed. In order to easily identify the item causing the alert condition, the screen(s) must display a list of all items that are deployed, i.e. mast, slide out, leveling jacks, awning, etc.
 - Built in back up features to ensure system is always functional
- Vehicle automation touch screen(s) to have a minimum of four tabs, POWER (home), LIGHTING, HVAC and MISC. The POWER screen will display the main power control icon, AC power source (i.e. generator, shore power or auto-eject) and all AC/DC information as described elsewhere in these specifications. The power screen will also include the Auto Startup, Auto Shutdown, Storage Mode and Battery Tend Mode icons. The LIGHTING screen will display all lighting control icons as described elsewhere in these specifications. The HVAC screen will display HVAC control icons and settings as described elsewhere in these specifications. The MISC screen will display miscellaneous information as described elsewhere in these specifications. Include photos of touch screen control panel with response.
- Vehicle automation touch screen(s) to have a Utility page that when accessed will show the status of system modules, gen hour meter adjustment, AC system override, and other system control features.
- Vehicle automation touch screen(s) will automatically time out to a digital clock after 10 minutes of nonuse. Digital clock is to have 12 and 24 hour modes that are user definable. Vehicle automation system must be completely upgradeable. Additional components may be added into system with a simple software modification.
- Vehicle automation system must include electronic over-current protection (no fuses permitted) with fault indication and automatic restoration.

Vehicle automation system capabilities are not to be achieved with use of multiple monitoring systems designed for specific use i.e. water monitors, battery monitors etc. SBCSO reserves the option to request an on-site demonstration and evaluation of offerers vehicle automation system before acceptance of contract. If requested, a demonstrator vehicle shall be made available at no additional cost. Time and amount of hours required for such evaluation shall be determined by LASD.

None of the above components and systems may be proprietary.

No exceptions to any of the vehicle automation system requirements.

AC ELECTRICAL SYSTEM:

1 - Onan Commercial Quiet Diesel 10-kW generator model 10.0 HDKCC-42345 (or current model) mounted in a custom fabricated all aluminum compartment. Generator to be controlled and monitored by vehicle automation system. No exceptions.

Generator features:

- Computer-controlled constant speed operation
- Unique sound-controlled housing encloses cooling system and muffler (69 dB(A) @ full load measured at 10 feet)
- Three-point, fully focalized internal mounting system
- Service and maintenance points accessible through easy-latch side service door
- High quality, pure sine wave electrical output maximizes sensitive equipment performance
- Typical Gal/hr fuel consumption: No load = 0.11, Half load = 0.48, Full load = 1.20

Compartment shall be constructed to the following specifications:

- Compartment shall be constructed from 0.187" aluminum with all welded seams.
- Compartment shall have 0.125" aluminum 2" box pan doors and 0.125" aluminum frames.
- Door frames shall be riveted to the body and welded to the compartments.
- Doors shall have stainless steel hinges attached to the doors and door frames with stainless machine screws.
- Doors shall have slam latches and flush mounted handles.
- Doors shall have 0.100" aluminum treadplate panels on interior surfaces.
- Doors shall be held open in a 90° position with gas charged lift/support cylinders.
- Doors shall be sealed with industrial grade neoprene gasket.

1 - ACData surge suppressor for protection of entire AC power system.

Product features:

- UL listed: UL1449 3rd Edition
- LED visual verification of status

1 - Kussmaul Auto Eject 20, 20A-120Vac shore power inlet with 25-ft. 20A-120Vac shore power cord. #091-20WP-120RD. Controlled through the vehicle automation system - no exceptions.

1 - Marinc 50A-125/250Vac shore power package controlled through the vehicle automation system - no exceptions. Includes:

- Waterproof shore power inlet with cap
- 50-ft. 50A-125/250Vac shore power cord
- 6-ft. 50A-125/250Vac pigtail

1 - 20A-125Vac duplex receptacle. Receptacle is not dedicated to any installed equipment. Controlled through the vehicle automation system - no exceptions.

7 - 20A-125Vac duplex receptacle with two (2) USB charging inputs, USB output to be 3A, 5VDC. Receptacle is not dedicated to any installed equipment. Controlled through the vehicle automation system - no exceptions.

2 - 20A-125Vac GFCI duplex receptacle. These receptacles are not dedicated to any installed equipment. Controlled through the vehicle automation system - no exceptions.

2 - 20A-125Vac exterior GFCI duplex receptacle with weatherproof PVC cover. Controlled through the vehicle automation system - no exceptions.

1 - Wire chase wire management raceway system.

Product features:

- Satin anodized finish. The finish resists rust, corrosion and fading. Material extruded from 6063-T5 aluminum alloy.
- Removable dual cover. Makes wiring easy and accessible and provides maximum flexibility for adding or relocating outlets and circuits. The cover retention is 45 lbs. straight pull for one minute.
- UL Listed multioutlet assemblies. File E68073 Guide PVGT, Fittings: File E121188 Guide RJPR. Meets Article 380 of NEC and meets Section 12-3032 of CEC.
- UL and cUL Listed component raceways. File E73943 Guide RJBT, Fittings: File E74343 Guide RJPR. Meets Article 386 of NEC and meets Section 12-600 of CEC.
- UL5 and ADA compliant. Raceway and fittings meet UL5 specifications and can be installed in conformance with ADA requirements

AC WIRING REQUIREMENTS:

- All AC main wiring shall be stranded THHN wire and run in non-metallic Carlon Carflex liquid tight conduit.
- All AC branch circuit wiring shall be stranded THHN wire (AWG 12 minimum) and run in non-metallic Carlon Carflex liquid tight and Carlon Flex-Plus blue ENT conduit.
- All electrical circuits and appliances shall conform to applicable national electrical codes.

DC ELECTRICAL SYSTEM:

1 - Auxiliary battery bank with four (4) lead acid deep-cycle 6Vdc batteries. Batteries shall be installed underbody in slide out weather resistant compartment. Compartment shall have box pan door with slam latch, flush mount handle, key lock and Kwikkee heavy-duty slide assembly. Two (2) batteries will be separated for auxiliary equipment and two (2) batteries will be for communications equipment.

2 - Electronic converter/chargers, 80 amp minimum output each installed underbody in weather resistant climate controlled. Compartment to draw ambient air from interior of truck and will have thermostatically controlled exhaust fan to circulate warm air to exterior (no exceptions). Include photo of converter compartment with response.

Converter/charger features:

- Charges three banks of batteries at the same time.
- UL listed for safety.
- Manual reset circuit breaker.
- Reverse battery protection.
- Electronic current limiting.
- High voltage protection.

1 - All DC electrical shall be controlled and monitored through the vehicle automation system. The POWER (home) screen shall display the chassis battery voltage and amperage load, auxiliary battery bank voltage and amperage load, and the communications battery bank voltage and amperage load.

No exceptions to any of the converter/charger installation and specifications.

20 - 6" round LED neutral white ceiling light with polished bezel.

1 - Ceiling lights to be divided into three (3) zones and switched through automation controls. Vehicle automation system LIGHTING screen to have light on/off icon with indicators for each room. LIGHTING screen to also have mode icon to select between Half light and Full light.

6 - Whelen C9 Series SurfaceMax LED Scene Light. 12VDC with chrome flange, model number C9SL.

1 - Scene lights to be divided into 3 zones (curb side, street side and rear) and switched through automation control touchscreen and externally mounted touchpad. Vehicle automation system LIGHTING screen to have light on/off icon with indicator for each zone.

1 - 12VDC dual USB power port.

12VDC WIRING REQUIREMENTS:

- 2-gauge minimum copper stranded battery cable shall be used for 12Vdc main supply lines. All cable runs shall be full length, no splices. All cable terminals shall be staked and soldered. All cable shall be enclosed in convoluted polyethylene tubing and the ends of the cable shall be sealed with color-coded shrink-wrap identifying the function of the cable.
- All added electrical branch circuits shall be protected from over-current by resettable circuit breakers appropriately rated for the load. Only circuit breakers shall be used in the installation of added electrical branch circuit wiring (plug type fuses are unacceptable).
- Circuit breaker functions shall be identified by engraved or printed labels.
- All added wiring for load runs of AWG 10, 12, 14, and 18, shall conform to MIL-W-16878/2 and/or UL1007/1569"
- All added wiring for load runs of AWG 8, shall conform to MIL-W-16878/3 and/or UL1028
- Wire terminals for added circuits must conform to MIL-T-7928. Terminals shall be insulated, insulation grip, TYPE II, CLASS 2 and shall be crimped with tooling recommended by the terminal manufacturer.
- All wiring shall be numbered or lettered on 6" centers minimum.
- Wiring shall be protected from chafing and abrasion with convoluted polyethylene tubing (wire loom) as required.
- Where wire passes through sheet metal, bulkheads and structural supports, plastic grommets shall be used to protect both wiring and wire looms.
- All wire bundles shall be tied with trimmed nylon ties.
- Extreme care shall be exercised to provide for easy serviceability of the system in future years.
- Extreme care must be taken in the installation to avoid the engine manifold, engine exhaust, and muffler, which could expose the wiring to severe overheating during long periods of operation. Proper insulation and heat deflection panels must be installed in such areas.
- A high-current 12Vdc system wiring schematic shall be provided.
- These are the minimum acceptable 12Vdc wiring requirements.

EMERGENCY LIGHTING / SIRENS:

1 - Whelen 295SLSA6 siren with 9 low current lighting control switches. California Title 13 compliant.

Slide Bar Positions Control:

1. Rear (Upper and Lower)
2. Rear (Upper and Lower), All Upper, Front Wall or "Light bar"
3. All

1 - Whelen SA315P high performance, multi-port 100 watt speaker with mount.

1 - Whelen TLIR ION-T- Series™ Linear Super-LED® Red with clear outer lens & TIONFC chrome flange.

1 - Whelen TLIB ION-T- Series™ Linear Super-LED® Blue with clear outer lens & TIONFC chrome flange.

7 - Whelen M6 series, M6RC (or current model), Linear Super-LED lighthouse with internal flasher, RED LED's with CLEAR outer lens. Includes M6FC chrome flange.

7 - Whelen M6 series, M6BC (or current model), Linear Super-LED lighthouse with internal flasher, BLUE LED's with CLEAR outer lens. Includes M6FC chrome flange.

1 - Custom fabricated bracket to mount M6 series light above windshield, painted to match body.

AUDIO / VIDEO:

- 1 - LG 24" LED TV model 24LH4830 (or current model) with wall mount bracket.
- 2 - Samsung 43" TU8000 UN43TU8000FXZA (or current model) Black Crystal UHD 4K Smart HDTV with wall mount bracket

1 - Weatherproof single door exterior work station and TV/monitor compartment. Constructed from 0.125" aluminum with all welded seams and hinged at the top.

Includes:

- Internal flip down work surface
- LED strip light (illuminates when door is opened)
- Gas charged lift support and locking latch

1 - Kramer VS-44UHD (or current model) 4X4 HDMI Matrix Switcher.

4 - HDMI input jack, wall plate and cable.

RADIOS:

1 - Primary 12Vdc power leads for communications radios shall be minimum 2-gauge copper stranded wire with soldered crimp-on end connectors (gauge based on radio requirements). Cables shall be enclosed in convoluted tubing and function identified with colored shrink-wrap. Power to radios shall be controlled through the vehicle automation system – no exceptions.

3 - Prewire and make installation provisions for communications radio. Installation includes:

- NMO-style base on the roof or antenna raceway, as applicable.
- LMR195 antenna cable routed to radio transceiver location in Carlon Carflex ENT conduit.
- 12Vdc power routed to radio transceiver location.

1 - Install hinged panels under countertops to conceal radio transceivers where applicable.

1 - Fabricate and install 3" x 3" square aluminum tubing antenna raceway on the roof of the vehicle. Antenna raceway will penetrate the roof at rack location. Includes:

- 3" high x 3" long aluminum access cover at each antenna base location on the side of the tubing for access to antenna base and coax cable.
- Access covers with watertight gasket and attached with four (4) stainless steel machine screws. Raceway tube to have nut-serts installed for access cover attachment.
- Carlon Carflex ENT conduit routed from antenna raceway penetration location to radio transceiver locations.

No exceptions to any of the antenna raceway requirements. Include photos detailing raceway fabrication and installation with response.

COMPUTER NETWORK AND EQUIPMENT:

1 - Pre-wire and make installation provisions for customer supplied printer/copier/scanner.

EXTERIOR STORAGE COMPARTMENTS:

1 - Single door underbody storage compartment with approximate interior dimensions 15" high x up to 36" wide x 25" deep constructed from 0.125" aluminum with all welded seams.

1 - Single door underbody storage compartment with approximate interior dimensions 15" high x up to 48" wide x 25" deep constructed from 0.125" aluminum with all welded seams.

Compartments listed above will be constructed to the following specifications:

- Sweep out type bottoms with 1/2" drain holes.
- 2" box pan doors and door frames fabricated from 0.125" aluminum.
- Door frames shall be riveted to the body and welded to the compartments.
- Compartments shall have an LED light that illuminates when the door is opened.

Compartment doors will be constructed to the following specifications:

- Stainless steel hinges attached with stainless machine screws.
- Slam latches and flush mounted handles.
- 0.100" bright polished aluminum diamond plate on interior surfaces fastened with stainless hardware.

- All doors shall be sealed with industrial grade neoprene gasket.

MISCELLANEOUS OTHER:

1 - Automatic Awning up to 12' Cadet Grey acrylic fabric electric awning with the following features:

- Solid-state sensor automatically closes awning after detecting sustained winds
- Exclusive Knee-Action Design prevents damage from sudden wind gusts
- Heavy duty motor is fully contained in the roller tube, self-locks awning in travel position
- Unique spring-arm mechanism automatically dumps accumulating rain water

1 - Vehicle automation system to display message when awning is deployed. Awning to automatically retract when AUTO SHUTDOWN mode of vehicle automation system is activated – no exceptions.

1 - 15" wide roof access ladder mounted on rear. Ladder features:

- All welded construction for maximum strength
- 1" diameter X 0.083" brush finished tubular aluminum rails
- Aluminum grip-strut rungs

1 - Heavy-duty Quadra Mfg. Bigfoot© four point fully automatic one-touch leveling system. Includes:

- Four (4) QEII-24 jacks with 17,000-lb. capacity each, 24" long with 18" stroke
- Air ride dump valve
- Controlled through vehicle automation touchscreen - no exceptions
- Interlock through the vehicle automation system to prevent moving the vehicle with jacks deployed. Vehicle automation system to give audible and visual alert if ignition is turned on position - no exceptions.

2 - 5 pound dry chemical fire extinguisher.

3 - Battery powered combination Carbon Monoxide and Smoke alarm.

1 - Complete manual set, including electronic version on USB drive and OEM hard copies:

- As-built specifications with interior and exterior drawings as used for production of the vehicle.
- Chassis and body owner's manuals.
- 12Vdc and 120Vac legends showing wire gauge, color, number and function.
- 12Vdc high current wiring diagram illustrating the battery system, isolators, power converters, alternator, disconnect switches and control panels.
- Roof top antenna placement drawing and legend identifying antenna placements and termination points.
- Audio/Video cabling diagram.
- Warranty and Return Authorization procedures.
- Chassis and generator maintenance and service logs.
- Battery maintenance information.
- All individual component manuals and warranty registration cards as provided by component manufacturers.

1 - At time of delivery to SBCSO facility a factory trained employee of the manufacturer will provide up to eight (8) hours of orientation on manufacturer installed systems. Includes:

- Vehicle automation system operation
- Generator start up and shut down procedure
- Stabilizer system operation
- AC and DC electrical systems operation
- HVAC systems operation
- Audio/Video system operation
- Awning operation

1 - Conversion warranty covering 1 year or 12,000 miles for manufacturer's defects in materials and workmanship. Provide copy of warranty certificate with response – no exceptions.

**CITY OF VICTORVILLE
CC21-115 PD MOBILE COMMAND VEHICLE**

**SECTION 4 - FORMS
SUBMISSION CERTIFICATION**

I hereby submit to the City of Victorville the following bid proposal for work outlined in plans and specifications entitled “**PD Mobile Command Vehicle, Project #CC21-115**”. All of the following documents (check below) are completed, fully executed, and included in my bid as required in the bid document:

- _____ Submission Certification
- _____ Bid Proposal Forms
- _____ Proposer Identification
- _____ Customer References
- _____ Signature Authorization
- _____ Non-Collusion Declaration
- _____ Debarred Certification
- _____ Service & Parts
- _____ Product Specifications, Complete Detailed Drawing(S), and Other Descriptive Matter for each truck proposed.
- _____ Acknowledgment Pages for all Bid Addenda (if any)

My signature on this Submittal Certification is affirmation that all items listed above are fully completed and executed and are hereby submitted with the proposal as required. I understand that failure to complete and/or submit any of the required documents may be cause for rejection of my bid proposal.

Business Name

Authorized Signature

Printed Name and Title

Date Signed

Telephone Number

**CITY OF VICTORVILLE
CC21-115 PD MOBILE COMMAND VEHICLE**

BID PROPOSAL FORM

The undersigned hereby agrees to furnish and deliver the item(s) listed below in accordance with the specifications (which have been carefully examined and are attached hereto) on file in the Office of the Finance Department. The City reserves the right to award all or some of this bid package to one or more vendors.

Vendor shall provide Product Specifications, Complete Detailed Drawing(S), and Other Descriptive Matter for the proposed unit.

Qty.	Description of Items (s)	Unit Price	Total Price
ONE ____(As Specified)	PD MOBILE COMMAND VEHICLE	\$	\$
COMMENTS:		Sub Total	\$
		8.75% Tax	\$
		Other	\$
		TOTAL BID PRICE	\$

TOTAL BID IN WORDS: _____

When is the estimated delivery time after award? _____

Warranty Period in months: _____

FOB: Victorville, CA (Freight Prepaid): _____

Bidder: _____

Address: _____

Phone: _____ Fax: _____ Email: _____

Signature: _____ Date: _____

Name Printed: _____ Title: _____

**CITY OF VICTORVILLE
CC21-115 PD MOBILE COMMAND VEHICLE**

PROPOSER IDENTIFICATION

1. Legal name of Proposer: _____
2. Street Address: _____
3. Mailing Address: _____
4. Business Telephone: _____
5. Facsimile Telephone: _____
6. Email Address: _____
7. Type of Business:
 Sole Proprietor Partnership Corporation Other: _____
If corporation, indicate State where incorporated: _____
8. Business License number issued by the City where the Proposer's principal place of business is located.
Number: _____ Issuing City: _____
9. Federal Tax Identification Number: _____
10. Proposer's Project Manager: _____
11. Proposer's Name and Title of Authorized to sign legal document: _____

**CITY OF VICTORVILLE
CC21-115 PD MOBILE COMMAND VEHICLE**

CUSTOMER REFERENCES

Proposer: _____

LIST THREE AGENCIES YOU HAVE DONE BUSINESS WITH WITHIN THE LAST THREE YEARS		
1.	Name of Agency	
	Address	
	Contact Person Name:	
	Contact Person Phone Number:	
	Contact Person Fax Number:	
2.	Contact Person Email Address:	
	Name of Agency	
	Address	
	Contact Person Name:	
	Contact Person Phone:	
3.	Contact Person Fax Number:	
	Contact Person Email Address:	
	Name of Agency	
	Address	
	Contact Person Name:	
3.	Contact Person Phone:	
	Contact Person Fax Number:	
	Contact Person Email Address:	
	Name of Agency	
	Address	
3.	Contact Person Name:	
	Contact Person Phone:	
	Contact Person Fax Number:	
	Contact Person Email Address:	
	Name of Agency	

**CITY OF VICTORVILLE
CC21-115 PD MOBILE COMMAND VEHICLE**

SIGNATURE AUTHORIZATION

Proposer/Bidder: _____

- A. I hereby certify that I have the authority to offer this proposal/bid to the City of Victorville for the above listed individual or company. I certify that I have the authority to bind myself/this company in a contract should I be successful in my proposal/bid.

SIGNATURE

- B. The following information relates to the legal Contractor listed above, whether an individual or a company. Place check marks as appropriate:

1. If successful, the contract language should refer to me as:

- An Individual
 A Partnership, Partners' names:
 A Company
 A Corporation

2. My tax identification number is: _____
(For individuals, this number is usually the Social Security Number)

3. I am a certified small business and Small Business Preference is applicable to this proposal/bid. A copy of my certification from the Office of Small and Minority Business is attached.

I have recently filed for Small Business Preference but have not yet received certification.

I am not a Small Business.

4. My business is owned by a minority whose ethnicity is: _____

My business is owned by a woman.

My business is owned by a disabled veteran.

**CITY OF VICTORVILLE
CC21-115 PD MOBILE COMMAND VEHICLE**

NON-COLLUSION DECLARATION (MUST BE SIGNED)

**TO BE EXECUTED BY BIDDER AND SUBMITTED WITH PROPOSAL
(Public Contract Code Section 7106)**

The undersigned declares:

I am the _____ of _____, the party making the foregoing proposal. The proposal is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The proposal is genuine and not collusive or sham. The proposer has not directly or indirectly induced or solicited any other proposer to put in a false or sham proposal. The proposer has not directly or indirectly colluded, conspired, connived, or agreed with any proposer or anyone else to put in a sham proposal, or to refrain from proposing. The proposer has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposed price of the proposer or any other proposer, or to fix any overhead, profit, or cost element of the proposed price, or of that of any other proposer. All statements contained in the proposal are true. The proposer has not, directly or indirectly, submitted his or her proposed price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, proposal depository, or to any member or agent thereof, to effectuate a collusive or sham proposal, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of the proposer that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the proposer.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____ [date], at _____ [city], _____ [state].

Signature

Company Name

Printed Name

Title

**CITY OF VICTORVILLE
CC21-115 PD MOBILE COMMAND VEHICLE**

DEBARRED CERTIFICATION ACKNOWLEDGEMENT

(a)(1) The Offeror/Bidder certifies, to the best of its knowledge and belief, that—

(i) The Offeror/Bidder and/or any of its Principals—

(A) Are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B) Have not, within a three-year period preceding this solicitation, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) contract or subcontract; violation of Federal or State antitrust statutes relating to the submission of bids; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property;

(C) Are not presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision;

(ii) The Offeror/Bidder has not, within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) "Principal," for the purposes of this certification, means an officer, director, owner, partner, or a person having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a division or business segment; and similar positions).

This Certification Concerns a Matter Within the Jurisdiction of an Agency of the United States and the Making of a False, Fictitious, or Fraudulent Certification May Render the Maker Subject to Prosecution Under Section 1001, Title 18, United States Code.

(b) The Offeror/Bidder shall provide immediate written notice to the City if, at any time prior to contract award, the Offeror/Bidder learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror's/Bidder's responsibility. Failure of the Offeror/Bidder to furnish a certification or provide such additional information as requested by the City may render the Offeror/Bidder nonresponsible.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror/Bidder is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror/Bidder

knowingly rendered an erroneous certification, in addition to other remedies available to the City, the City may terminate the contract resulting from this solicitation for default.

The Offeror/Bidder certifies that the foregoing is true and correct:

Offeror/Bidder: _____ Federal I.D. No: _____

Address: _____

Phone: _____ Fax: _____ Email: _____

Signature: _____ Date: _____

Name Printed: _____ Title: _____

**CITY OF VICTORVILLE
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SERVICE AND PARTS

The bidder shall state below the representatives responsible for assisting the City of Victorville, as well as the location of the nearest distribution center which shall furnish a complete supply of parts and components for the repair and maintenance of the vehicle(s) to be supplied. The bidder shall also state below, or by separate attachment, its policy on transportation charges for parts other than those covered by warranty.

1. Name and location of Technical Service Representative nearest to City of Victorville:

Name: _____

Address: _____

Telephone: _____

Factory Certified? yes no

(Please attach evidence of factory certification for Service Technician(s)/Representative(s))

2. Location of Parts Distribution Center nearest to City of Victorville:

Name: _____

Address: _____

Telephone: _____

3. Policy for delivery of parts and components to be purchased for service and maintenance:

Regular Method of Shipment: _____

Cost to City of Victorville: _____

Signed: _____

Firm Name: _____

Address: _____