

INVITATION TO BID (ITB)

Sheriff's Office

Mobile Emergency Operation Center



ITB# FY23-SCSO-01R

Release Date: March 12, 2023

Due Date: April 13, 2023 at 3:00 PM MDT

NIGP Codes: 06588, 07360, 31238, 83845, 83881, 92028, 93627, 93972

I. INTRODUCTION

A. PURPOSE OF THIS INVITATION TO BID

Sandoval County Board of County Commissioners is requesting sealed bids on behalf of the Sandoval County Sheriff's Office from qualified bidders for a mobile emergency operations center (NIGP Codes 06588, 07360, 31238, 83845, 83881, 92028, 93627, and 93972). Responses will be accepted in the Finance Department, Attn: Leslie Olivas, Sandoval County Administrative Bldg., 1500 Idalia Road, Bldg. D 2nd floor, P.O. Box 40, Bernalillo, New Mexico up to 3:00 p.m. (Mountain Daylight Time) on April 13, 2023. The Sandoval County Board of Commissioners reserves the right to reject any and all responses.

B. SCOPE OF BID

The Sandoval County ("County") Purchasing Office is soliciting bids from qualified firms to assemble and provide a mobile emergency operations center (EOC). The ability to have the EOC fully operational in a minimum amount of time is of utmost importance to the Sandoval County Sheriff's Office, therefore a fully integrated vehicle automation system is required. The vehicle automation system must include an auto set up mode that will enable the EOC 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, leveling 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.

Sandoval County Sheriff's Office 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. Time and number of hours required for such evaluation shall be as determined by Sandoval County Sheriff's Office.

C. PROCUREMENT MANAGER

1. Sandoval County has assigned a Procurement Manager who is responsible for the conduct of this procurement whose name, address, telephone number and e-mail address are listed below:

Name: Leslie Olivas, Senior Procurement Specialist
Address: Sandoval County
1500 Idalia Road Bldg. D 2nd Floor
PO Box 40
Bernalillo, NM 87004

Telephone: (505) 404-5873
 Fax: (505) 867-7605
 Email: ldolivas@sandovalcountynm.gov

- All deliveries of responses via express carrier must be addressed as follows:

Name: Leslie Olivas, Senior Procurement Specialist
 Reference ITB Name: Mobile Emergency Operations Center
 ITB# FY23-SCCS-01R
 Address: Sandoval County
 1500 Idalia Road Bldg. D
 PO Box 40
 Bernalillo, NM 87004

- Any inquiries or requests** regarding this procurement should be submitted, in writing, to the Procurement Manager. Bidders may **ONLY** contact the Procurement Manager regarding this procurement. Other county employees or Evaluation Committee members do not have the authority to respond on behalf of the County. **Protests of the solicitation or award must be delivered by mail to the Protest Manager.** A Protest Manager has been named in this Request for Bids, pursuant to NMSA 1978, § 13-1-172, **ONLY** protests delivered directly to the Protest Manager in writing and in a timely fashion will be considered to have been submitted properly and in accordance with statute, rule and this Request for Bids. Emailed protests will not be considered as properly submitted nor will protests delivered to the Procurement Manager be considered properly submitted.

II. CONDITIONS GOVERNING THE PROCUREMENT

This section of the Invitation to Bid contains the schedule, description and conditions governing the procurement.

A. SEQUENCE OF EVENTS

The Procurement Manager will make every effort to adhere to the following schedule:

Action	Responsible Party	Due Dates
1. Issue ITB	Sandoval County	MARCH 12, 2023
2. Return of Acknowledgement of Receipt Form	Bidders	MARCH 17, 2023
3. Deadline to Submit Questions	Bidders	MARCH 23, 2023 by 1:00 P.M. MDT
4. Response to Written Questions	Potential Bidders	MARCH 30, 2023
5. <i>Submission of Sealed Bids</i>	Bidders	APRIL 13, 2023 by 3:00 P.M. MDT

6. Bid Tabulation	Sandoval County	APRIL 13, 2023 at 3:00 P.M. MDT
7. Commission Approval	County Commission	TBD
8. Bid Award	County Commission	TBD
9. Protest Deadline		15 calendar days from date of award

B. EXPLANATION OF EVENTS

The following paragraphs describe the activities listed in the sequence of events shown in Section II. A., above.

1. Issuance of ITB

This ITB is being issued on behalf of the Sandoval County Sheriff's Office.

2. Acknowledgement of Receipt

Potential Bidders may e-mail, hand deliver, return by facsimile or registered or certified mail the "Acknowledgement of Receipt of Request for Bids Form" that accompanies this document, APPENDIX A, to have the Bidder placed on the procurement distribution list. The form should be signed by an authorized representative of the Bidder, dated and returned to the Procurement Manager by 5:00 p.m. MDT on March 17, 2023.

The procurement distribution list will be used for the distribution of written responses to questions.

3. Deadline to Submit Written Questions

Potential Bidders may submit written questions to the Procurement Manager as to the intent or clarity of this ITB until March 23, 2023 at 1:00 p.m. Mountain Daylight Time as indicated in the sequence of events. All written questions must be addressed to the Procurement Manager as declared in Section I, Paragraph C. Questions shall be clearly labeled and shall cite the Section(s) in the ITB or other document which form the basis of the question.

4. Response to Written Questions

Written responses to written questions will be distributed as indicated in the sequence of events to all potential Bidders whose name appears on the procurement distribution list. An e-mail copy will be sent to all Bidder's that provide Acknowledgement of Receipt Forms.

5. Submission of Bids

ALL BIDS MUST BE RECEIVED FOR REVIEW AND EVALUATION BY THE PROCUREMENT MANAGER OR DESIGNEE NO LATER THAN 3:00 P.M. MOUNTAIN DAYLIGHT TIME ON **APRIL 13, 2023**. Bids received after this deadline will not be accepted or considered. The date and time of receipt will be recorded on each bid.

Bids must be addressed and delivered to the Procurement Manager at the address listed in Section I, Paragraph C2. **Bids must be sealed and labeled on the outside of the package to clearly indicate that they are in response to a new “Mobile Emergency Operations Center and ITB# FY23-SCSO-01R”**. Bids submitted by facsimile, or other electronic means will not be accepted.

A public log will be kept of the names of all Bidders that submitted bids. Pursuant to NMSA 1978, § 13-1-116, the contents of bids shall not be disclosed to competing potential Bidders during the negotiation process. The negotiation process is deemed to be in effect until the contract is awarded pursuant to this Request for Bids.

6. Bid Tabulation

Any Contractual agreement(s) resulting from this ITB will be finalized with the most advantageous Bidder(s) as per schedule Section II. A., Sequence of Events or as soon thereafter as possible. This date is subject to change at the discretion of the Sandoval County.

7. Commission Approval

The contract shall be awarded to the Bidder whose Bid is most advantageous to Sandoval County and Sandoval County Sheriff's Office. The award is subject to appropriate Sandoval County Commission approval.

8. Bid Award

After review of the bids, the contract for the item(s) or services will be awarded to the lowest Responsible and Responsive Bidder meeting or exceeding the required specifications for this sealed bid.

9. Protest Deadline

Any protest by a Bidder must be timely and in conformance with NMSA 1978, § 13-1-172 and applicable procurement regulations. As a Protest Manager has been named in this Request for Bids, pursuant to NMSA 1978, § 13-1-172, **ONLY** protests delivered directly to the Protest Manager in writing and in a timely fashion will be considered to have been submitted properly and in accordance with statute, rule and this Request for Bids. The 15 calendar day protest period shall begin on the day following the award of contracts and

will end at 5:00 pm Mountain Standard Time/Daylight Time on the 15th day. Protests must be written and must include the name and address of the protestor and the request for proposal number. It must also contain a statement of the grounds for protest including appropriate supporting exhibits and it must specify the ruling requested from the party listed below. The protest must be delivered to:

Leslie Olivas, Senior Procurement Specialist
Sandoval County
1500 Idalia Road Bldg. D 2nd Floor
PO Box 40
Bernalillo, NM 87004

Protests received after the deadline will not be accepted.

C. GENERAL REQUIREMENTS

1. Acceptance of Conditions Governing the Procurement

Potential Bidders must indicate their acceptance of the Conditions Governing the Procurement section in the Letter of Transmittal. Submission of a bid constitutes acceptance of the all factors described herein.

2. Incurring Cost

Any cost incurred by the potential Bidder in preparation, transmittal, and/or presentation of any bid or material submitted in response to this ITB shall be borne solely by the Bidder. Any cost incurred by the Bidder for set up and demonstration of the proposed equipment and/or system shall be borne solely by the Bidder.

3. Prime Contractor Responsibility

Any contractual agreement that may result from this ITB shall specify that the prime contractor is solely responsible for fulfillment of all requirements of the contractual agreement which may derive from this ITB.

4. Amended Bids

A Bidder may submit an amended proposal before the deadline for receipt of Bids. Such amended Bids must be complete replacements for a previously submitted proposal and must be clearly identified as such in the transmittal letter. The County personnel will not merge, collate, or assemble proposal materials.

5. Bidder's Rights to Withdraw Proposal

Bidders will be allowed to withdraw their Bids at any time prior to the deadline for receipt of Bids. The Bidder must submit a written withdrawal request addressed to the Procurement Manager and signed by the Bidder's duly authorized representative.

The approval or denial of withdrawal requests received after the deadline for receipt of the Bids is governed by the applicable procurement regulations.

6. Bid Offer Firm

Responses to this ITB, including proposal prices for services, will be considered firm for one hundred twenty (120) days after the due date for receipt of Bids or ninety (90) days after the due date for the receipt of a best and final offer, if the Bidder is invited or required to submit one.

7. No Obligation

This ITB in no manner obligates Sandoval County to the use of any Bidder's services until a valid written contract is awarded and approved by appropriate authorities.

8. Termination

This ITB may be canceled at any time and any and all Bids may be rejected in whole or in part when the agency determines such action to be in the best interest of Sandoval County.

9. Sufficient Appropriation

Any contract awarded as a result of this ITB process may be terminated if sufficient appropriations or authorizations do not exist. Such terminations will be effected by sending written notice to the contractor. The County's decision as to whether sufficient appropriations and authorizations are available will be accepted by the contractor as final.

10. Legal Review

The County requires that all Bidders agree to be bound by the General Requirements contained in this ITB. Any Bidder's concerns must be promptly submitted in writing to the attention of the Procurement Manager.

11. Governing Law

This ITB and any agreement with a Bidder which may result from this procurement shall be governed by the laws of the State of New Mexico and the Federal Acquisition Regulation.

12. Basis for Bid

Only information supplied, in writing, by Sandoval County through the Procurement Manager or in this ITB should be used as the basis for the preparation of Bidder Bids.

13. Bidder Qualifications

The Evaluation Committee may make such investigations as necessary to determine the ability of the potential Bidder to adhere to the requirements specified within this ITB. The Evaluation Committee will reject the proposal of any potential Bidder who is not a Responsible Bidder or fails to submit a responsive offer as defined in NMSA 1978, § 13-1-82 and 13-1-85.

Bidders must, upon request of the County, provide information and data to prove that the financial resources, production or services facilities, service reputation and experience are adequate to make satisfactory delivery of materials and/or service.

14. Right to Waive Minor Irregularities

The Evaluation Committee reserves the right to waive minor irregularities. The Evaluation Committee also reserves the right to waive mandatory requirements provided that all of the otherwise responsive Bids failed to meet the same mandatory requirements and the failure to do so does not otherwise materially affect the procurement. This right is at the sole discretion of the Evaluation Committee.

15. Notice of Penalties

The Procurement Code, NMSA 1978, § 13-1-28 through 13-1-199, imposes civil, misdemeanor and felony criminal penalties for its violation. In addition, the New Mexico criminal statutes impose felony penalties for bribes, gratuities and kickbacks.

16. Right to Publish

Throughout the duration of this procurement process and contract term, Bidders and contractors must secure from the County written approval prior to the release of any information that pertains to the potential work or activities covered by this procurement and/or County contracts deriving from this procurement. Failure to adhere to this requirement may result in disqualification of the Bidder's proposal or termination of the contract.

17. Ownership of Bids

All documents submitted in response to the ITB shall become property of the Sandoval County.

18. Confidentiality

Any confidential information provided to, or developed by, the contractor in the performance of the contract resulting from this ITB shall be kept confidential and shall not be made available to any individual or organization by the contractor without the prior written approval of the County.

The Contractor(s) agrees to protect the confidentiality of all confidential information and not to publish or disclose such information to any third party without the procuring County's written permission.

19. Use of Electronic Versions of this ITB

This ITB is being made available by electronic means. In the event of conflict between a version of the ITB in the Bidder's possession and the version maintained by the agency, the Bidder acknowledges that the version maintained by the County shall govern.

20. Use by Other Government Agencies

By submitting a bid, the Bidder indicates that they understand and agree that other local public bodies and state agencies with the State of New Mexico, if allowed by their governing directives, may contact for the goods and services included in this procurement document with the awarded Contractor(s). Contractual engagements accomplished under this provision shall be solely between the awarded Contractor and the contracting government entity with no obligation or liability by Sandoval County.

21. Campaign Contribution Disclosure Form

Bidder must complete, sign, and return the Campaign Contribution Disclosure Form as a part of their proposal. Failure to complete and return the signed unaltered form will result in disqualification.

22. Letter of Transmittal

Bidder's proposal must be accompanied by the Letter of Transmittal Form which must be completed and signed by an individual person authorized to obligate the company. The letter of transmittal MUST:

1. Identify the submitting business entity.
2. Identify the name, title, telephone, and e-mail address of the person authorized by the Bidder organization to contractually obligate the business entity providing the Offer.
3. Identify the name, title, telephone, and e-mail address of the person authorized to negotiate the contract on behalf of the organization (if different than (2) above).

4. Identify the names, titles, telephone, and e-mail addresses of persons to be contacted for clarification/questions regarding proposal content.
5. Sub-contractor will not be authorized for this procurement.
6. Identify the following with a check mark and signature where required:
 - a. **Explicitly** indicate acceptance of the Conditions Governing the Procurement
 - b. Acknowledge receipt of any and all amendments to this ITB.
7. Be signed by the person identified in paragraph 2 above.

23. New Mexico Preferences

To ensure adequate consideration and application of NMSA 1978, § 13-1-21 (as amended), Bidders **must** include a copy of their preference certificate with their proposal. Certificates for preferences must be obtained through the New Mexico Department of Taxation & Revenue:

<http://www.tax.newmexico.gov/Businesses/in-state-veteran-preference-certification.aspx>.

- A. **New Mexico Resident Business Preference**
A copy of the certification must accompany Offeror's proposal.
- B. **New Mexico Native American Resident Business Preference**
A copy of the certification must accompany Offeror's proposal.
- C. **New Mexico Resident Veterans Business Preference**
A copy of the certification must accompany Offeror's proposal.
- D. **New Mexico Native American Resident Veterans Business Preference**
A copy of the certification must accompany Offeror's proposal

An agency shall not award a business both a resident business preference and a resident veteran business preference.

The New Mexico Preferences shall not apply when the expenditures for this ITB includes federal funds.

III. RESPONSE FORMAT AND ORGANIZATION

This section describes the format and organization of the Bidder's responses. Failure to conform to these guidelines may result in the disqualification of the bid.

A. NUMBER OF RESPONSES

Bidders shall submit only one bid in response to this ITB.

B. NUMBER OF COPIES

Bidders shall deliver one (1) original, one (1) copy and one (1) electronic PDF copy will be required with the submission of signed and sealed bids to the location specified in Section 1 Paragraph C on or before the closing date and time for the receipt of bids.

C. BID CONTENTS

All Bids **MUST** contain the following items:

- 1. COMPLETED, SIGNED AND TO BE E-MAILED/FAXED** Acknowledgement of Receipt Form (Appendix A)
- 2. COMPLETED AND SIGNED** Campaign Contribution Disclosure Form (Appendix B)
- 3. COMPLETED AND SIGNED** Letter of Transmittal Form (Appendix C)
- 4. COMPLETED AND SIGNED** Conflict of Interest Affidavit (Appendix D)
- 5. COMPLETED AND SIGNED** Non-Collusion Affidavit (Appendix E)
- 6. COMPLETED AND SIGNED** Bid Form (Appendix F)

D. BID FORMAT

All Bids must be submitted as follows:

1. Typewritten on standard 8 ½ x 11 inch paper (larger paper is permissible for charts, spreadsheets, etc.) and placed within binders with tabs delineating each section. The drawings are to be on “D” size paper, 24” x 36” in size, all views must be on ½” = 12” scale. CAD prints are preferred.
2. Quotes: The quote is to include all items covered in the Scope of Work.
3. Delivery Time: Delivery time stated in the specifications shall apply.
4. Payment Terms: Bidder must identify the payment terms offered in Bid Documents.

IV. SPECIFICATIONS AND 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 apparatus. 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: Sandoval County Sheriff’s Office 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.

Awardee will provide a new mobile emergency operations center that will comply with the specifications listed below.

The drawings are to be provided as follows:

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

CHASSIS:

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

- Cummins ISB 6.7-260 260 HP@2300 RPM
- 12V 200 AMP 28-SI Quadramount (or equivalent) pad alternator
- (2) model 1131, group 31, 12-volt maintenance free 1900 CCA threaded stud batteries
- GVG, Fire and emergency service vehicles engine warning
- Exhaust brake integral with variable geometry turbo with ON/OFF dash switch
- Engine after treatment device, automatic over the road active regeneration and dash-mounted single regeneration request/inhibit switch

- 10 Gallon DEF tank RH frame MTD
- LH horizontal tailpipe, exit forward of rear tires
- Antifreeze to -34f, ethylene glycol pre-mixed 50/50 coolant
- Gates blue stripe coolant hoses or equivalent
- Allison (or equivalent) EVS automatic transmission with park pawl with PTO provision
- Front stabilizer bar
- 5.13 Rear axle ratio
- Airliner rear suspension
- Dual instant response rear suspension leveling valves
- Rear swaybar
- 5/16”X2.81”X9-1/8” steel frame
- Single piece chromed steel front bumper
- 60 gal / 227-liter rectangular steel fuel tank - between rails
- Length of auxiliary pickup tubes (generators, furnaces etc.) shall prevent these devices from using more than 75” of vehicle's fuel tank capacity
- Hydraulic leveling and stabilizing system
- Hydraulic power step to coincide with the stepping system at the main rear cabin door on the exterior. Dimension size should be commensurate to door width.
- 255/70R22.5 16 PLY Radial front tires
- 255/70R22.5 16 PLY Radial rear tires
- Accuride 50487 ACCU-LITE 22.5x8.25 10-hub pilot 5-hand steel disc front wheels, or equivalent
- Accuride 50487 ACCU-LITE 22.5x8.25 10-hub pilot 5-hand steel disc rear wheels, or equivalent
- Hood mounted chromed plastic grille
- TRW tilt/3.00” telescopic steering column with foot actuated pedal
- Driver message center W/LCD Display, 24 warning lamps, data linked, AMI
- Electronic MPH Speedometer with secondary KPH scale, without odometer
- Electronic 3500 RPM Tachometer

- Telescoping mast
- 97 Db Backup alarm
- Cruise control switches
- Programmable RPM Ctrl w/low voltage auto high idle & RPM Ctrl switches
- Three (3)-year/50,000-mile Freightliner MT-55 chassis warranty.
- Two (2)-year/unlimited miles Cummins engine warranty.
- Five (5)-year/unlimited miles Allison EVS transmission warranty.

1 - Federal Signal Back-up alarm model 210331, or equivalent.

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.

1 - Route horizontal exhaust to streetside.

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:

- Work area to be a minimum of 82” high x 85.5” wide x 24’ long.
- 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. No exceptions.
- 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 (or equivalent) 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 (or equivalent). 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-lay.
- 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.

1 - 32" wide x 82" high 0.125" aluminum sedan door with 21.5" wide x 25.5" high fixed window. Door shall have continuous stainless-steel piano hinge, two (2) nylon door straps and an aluminum drip rail.

NOTE: Interior window covering will be a mini blind. Includes gas spring to hold door open.

3 - Exterior heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed at entry door.

1 - Interior heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed at entry door.

3 - Automatic LED courtesy light at entry door.

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 - Lippert Treadlite (or equivalent) 24" wide - single - automatic electric steel entry step with LED ground light. Step mounted under entry door. Step to be controlled through vehicle automation system and shall be configured to stay in the extended position when the truck is deployed with the ignition in the off position. If the ignition is switched to the on position the step will extend and retract whenever the door is opened or closed. No exceptions to any of these requirements.

- 1 - Lippert Treadlite (or equivalent) 30" wide - single - automatic electric steel entry step with LED ground light. Step mounted under entry door. Step to be controlled through vehicle automation system and shall be configured to stay in the extended position when the truck is deployed with the ignition in the off position. If the ignition is switched to the on position the step will extend and retract whenever the door is opened or closed. No exceptions to any of these requirements.

- 1 - Whelen (or equivalent) Stop/Turn/Tail/Backup light set. Includes 2 of each of the following:
 - Whelen PLAST4V (or current model) (or equivalent) polished chrome vertical housings for four 600 series lightheads. The fourth light head will be an emergency flasher as specified in the DC Emergency Lighting section.
 - Whelen 600 series LED amber turn signal light heads with populated arrow shape and multiple flash patterns, model number 60A00TAR (or current model) (or equivalent).
 - Whelen 600 series max intensity LED brake/tail light heads, model number 60R00XRR (or current model) (or equivalent).
 - Whelen 600 series max intensity LED back-up light heads, model number 60C00WCR (or current model) (or equivalent).

- 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: 1-98" long x 30" deep and 1-63" 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.

1- Lavatory with sink

PAINT / GRAPHICS:

1 - Body base color shall be black.

DRIVER / PASSENGER CAB AREA:

- 2 - Cover cab doors with aluminum powder coated black panels. 2 - Heavy-duty rubber grab handle on each door.
- 2 - Heavy-duty rubber grab handle on each door.
- 2 - Custom made panel above cab door covered with cushioned vinyl. 1 - Vehicle height sign on dash.
- 1 - Insulated black rubber mat in driver and passenger toe plate area. Insulate walls in toe plate area and install carpeted panels.
- 1 - 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
- 1 - Payload sticker in cab area with vehicle axle load ratings and available axle payload as built.
- 1 - Work area on passenger side constructed of 5/8 plywood covered to match rear counter-tops 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 LED/Clear LED dome light with 3-position switch, red/off/white mounted under center of console.
- 1 - Zone Defense 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 - Blackout curtains for all cab area windows. Curtain specs:
 - Woven fabric made of pigmented and acrylic top coated 45% polyester / 55% cotton fabric
 - Tensile Strength: 283 lbs. x 214 lbs.
 - Manufacturer's 5-year limited warranty
 - Seams shall be double stitch/single fold
 - Meets New Mexico State Fire Marshall requirements for flame retardancy - Title 19, CPAI-84 (Section 6), and FMVSS-302

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.

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 Kemplite 0.075" fiberglass reinforced plastic (FRP) lining. Wall covering shall be a continuous piece front to back, no seams acceptable, no exceptions.
- 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.
- 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.
- 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.
- 2-1/2" vinyl cove molding as required (mop board).
- 30" pocket door covered with silver smooth FRP and cap all sides with anodized extruded aluminum. All screws shall be stainless steel. Pocket door shall be installed on heavy-duty aluminum tracks with two (2) four-wheel roller trucks. Pocket door shall have recessed handles and a key lock.
- 1 - All bulkheads shall be covered with Kemplite 0.075" silver smooth FRP. Cap all sides with anodized extruded aluminum. All screws shall be stainless steel.
- 1 - Cover load space door with black powder coated aluminum panel, install 10" high 0.100" bright aluminum tread plate kick plate at bottom of door and heavy-duty rubber grab handle.

SEATING

- 6- HON HVL210 pneumatic task chair with five-star caster spider base, adjustable height and no armrests. Chair secured with bungee cord for transit.
- 1- Fabricate and install fixed bench seating with removable cushions in conference area. Bench seat cushions shall be covered in heavy-duty vinyl.

BENCH SEAT REQUIREMENTS:

- 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.
- Bench seating must be custom fabricated to fit designated areas, include example photos of bench seating in previously built vehicles with response.

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.

1 - Dry erase writing surface on overhead cabinet doors. 1 - Gas shock lift supports on overhead cabinet doors.

1 - LED strip light under overhead cabinets, lights to be powered through vehicle automation system and have on/off switch on fixtures.

1 - Full width by minimum 15" high overhead cabinets located above workstations.

1 - Full width by minimum 14" high overhead cabinets located above bench seats.

1 - Full height cabinet minimum 26" wide with slide out printer tray and double door upper and lower storage.

1 - Full height cabinet minimum 36" wide with double doors and four (4) adjustable FRP shelves with 2" lip at front edge.

- 2- Magnetic dry erase board framed in aluminum. Includes aluminum clip frame for easy board replacement, sized as required.
- 1 - All counters and table to be custom fabricated with 0.040" Wilsonart laminate bonded to subsurface. 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 - Powder coated aluminum conference table base with built-in receptacles and network jacks.
- 1 - Install a key display board inside overhead cabinet and clearly tag all keys for the vehicle as to their purpose.

HVAC SYSTEM:

- 3 - Ducted Coleman Polar Mach 8 series (or equivalent) low profile air conditioners with power and thermostat controlled by the vehicle automation system. 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. Touch screen(s) will also have icons to select Auto, Cool or Heat modes - no exceptions. Additionally, there shall be system touch pad(s) with digital displays in rooms that do not have a touch screen to provide local control of the temperature setting - no exceptions.

Includes:

- 9223-C876 13,500 nominal BTU air conditioner with condensate pump.
 - 8330C635 Chill Grille Assembly with 5,600 BTU heat strip
 - 22080079 High Capacity Air Duct manufactured from polystyrene foam laminated with 99% pure polished aluminum inside and out, internally mounted in ceiling
 - 22120010 Louvered Ceiling Vents, as required+
- 2 - Broan model 174 wall mount 5,120 Btu/hr electric heaters (or equivalent). Vehicle automation system HVAC screen shall have a digital temperature display and an icon to increase or decrease the temperature setting for each heater. Additionally, there shall be system touch pad(s) with digital displays in rooms that do not have a touch screen to provide local control of the temperature setting. No exceptions.
 - 1 - Broan model 112 kick space mount 5,120 Btu/hr electric heater (or equivalent). Vehicle automation system HVAC screen shall have a digital temperature display and an icon to increase or decrease the temperature setting for each heater. Additionally, there shall be system touch pad(s) with digital displays in rooms that do not have a touch screen to provide local control of the temperature setting. No exceptions.

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 a common touch screen(s) 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 screen with custom graphics for control and monitoring
- Two (2) touch pads with custom graphics for local control of HVAC and lighting
- One (1) 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, leveling system deployed, radio systems powered on, computer network equipment powered on, battery charging system powered on, satellite TV dish launched, satellite broadband 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.
- 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 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 and will also have the Auto Startup, Auto Shutdown, and Storage Mode icons. 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.

Sandoval County Sheriff's Office reserves the option to request an on-site demonstration and evaluation of offerors 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 Sandoval County Sheriff's Office.

None of the above components and systems may be proprietary.

No exceptions to any of the vehicle automation system requirements.

AC ELECTRICAL SYSTEM:

1 - Platinum 15-kW 120/240Vac Liquid-cooled diesel generator (or equivalent) installed in a custom fabricated compartment. Generator features:

- Water cooled diesel engine
- Radiator cooled.
- 4 pole rotating field alternator with 300% short circuit capability
- Compartment shall be constructed to the following specifications:
- 0.187" aluminum with all welded seams.
- 2" deep 0.125" aluminum box pan doors and 0.125" aluminum frames.
- Door frames riveted to the body and welded to the compartments.
- Stainless steel door hinges attached with stainless steel machine screws.
- Flush mounted door handles with slam latches.
- 0.125" perforated aluminum panels on interior door surfaces.
- Gas charged lift/support cylinders to hold doors open at 90° .
- Industrial grade neoprene gasket door seals.
- Sound barrier lining on interior compartment walls, ceiling and doors. Sound barrier material consists of metalized Mylar facing, 1" sound absorbing foam, 1.0#/sf barrier, 1/4" foam decoupler and a 3 mil. acrylic pressure sensitive adhesive with a 76# Kraft paper liner.

1 - Generator power to be controlled through the automation system touch screen(s). The POWER (home) screen shall display generator hours, generator line voltage on each leg, generator amp load on each leg, and generator frequency. The touch screen must also have a user selectable Battery Tend mode that will automatically start the generator when the DC batteries fall below a user definable voltage that is displayed on the screen – no exceptions.

1 - ACData AC2060 surge suppressor (or equivalent) 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 (or equivalent) with 25-ft. 20A-120Vac shore power cord controlled through the vehicle automation system.

- 1- Maringo 50A-125/250Vac waterproof shore power inlet controlled through the vehicle automation system (or equivalent). Includes 25 ft. 100A-125/250Vac shore power cord and 6 ft. 100A-125/250Vac pigtail.
- 8- Specifications grade 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- Specification grade 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.

AC WIRING REQUIREMENTS:

120/240VAC WIRING REQUIREMENTS:

1 - All 120/240Vac main wiring shall be stranded THHN wire and run in non-metallic Carlon Carflex liquid tight conduit.

1 - All electrical circuits and appliances shall conform to applicable national electrical codes.

DC ELECTRICAL SYSTEM:

4 - Lead acid deep-cycle 6Vdc batteries. Batteries shall be installed underbody in slide out weather resistant compartment. 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. 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.

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

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.

1 - Sure Power 2403 isolator.

18 - 6" round neutral white LED light fixtures with polished bezel located on ceiling throughout vehicle.

Lights to be divided into three (3) zones and switched through automation controls in any of the three rooms in the vehicle. Vehicle automation system LIGHTING screen to have light on/off icon with indicators for each room. There shall also be an option to reduce the light level on the touch screen. No exceptions.

7 - 6" round neutral white/red LED light fixtures with polished bezel located on ceiling throughout vehicle.

Lights to be divided into three (3) zones and switched through automation controls in any of the three rooms in the vehicle. Vehicle automation system LIGHTING screen to have light on/off icon with indicators for each room. No exceptions.

6 - Whelen 900 Series Super LED Scenelight 9SC0ENZR (or current model) (or equivalent) includes chrome plated flange.

Lights to be divided into three (3) zones and switched through automation controls in cab area and externally mounted touchpad. Vehicle automation system LIGHTING screen to have light on/off icon with indicator for each zone. No exceptions.

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 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 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 (or equivalent). 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 speaker (or equivalent), with SAK9 bracket.

1 - Whelen TIR3 series Super-LED lighthouse with internal flasher (or equivalent), red LED's with clear outer lens, model RSR03ZCR. Includes chrome flange RFLANGCD.

Location: Driver side grill. Steady burn per California requirements.

1 - Whelen TIR3 series Super-LED lighthouse with internal flasher (or equivalent), blue LED's with clear outer lens, model RSB03ZCR (or current model). Includes chrome flange RFLANGCD (or current model).

7 - Whelen 600 series Linear Super-LED lighthouse with internal flasher (or equivalent), red LED's with clear outer lens, model 60R02FCR (or current model). Includes chrome flange 6EFLANGE (or current model).

7 - Whelen 600 series Linear Super-LED lighthouse with internal flasher (or equivalent), blue LED's with clear outer lens, model 60B02FCR (or current model). Includes chrome flange 6EFLANGE (or current model).

2 - Custom fabricated bracket to mount 600 series light above windshield, painted to match body.

AUDIO / VIDEO:

6 - Samsung UN24H4500AFXZA - 22" LCD Monitor (or current model) (or equivalent) with wall mount bracket.

Locations: One (1) at each workstation.

1 - Samsung UN32H5500AFXZA - 60" LCD monitor w/weatherproofing (or equivalent) with wall mount bracket.

Location: One (1) exterior TV compartment.

1 - Samsung UN40H5500AFXZA - 40" – 60" SMART Screen (or current model) (or equivalent) with wall mount bracket.

Locations: rear

1 - TSI Touch Overlay TSI-D65-06IDIARB with Samsung DM65D 65" LED-backlit LCD TV (or equivalent).

Includes:

- Wall mount bracket
- Samsung DM65D 65" LED-backlit LCD TV

- Resolution: 1920 x 1080
- Screen Size: 65"
- Enhanced SSP System-on-Chip (SoC) Performance with Quad Core Processor (or equivalent)
- Built-in Wi-Fi and AllShare® Cast for Simple Content Mirroring from Mobile Devices (or equivalent)
- Dynamic Contrast Ratio: 50,000:1
- Connectivity
- RGB In: Analog D-SUB, DVI-D, Display Port 1.2
- RGB Out: DP1.2 (Loop-out)
- Video In: HDMI1, Component (CVBS Common)
- Audio In: Stereo Mini Jack
- Audio Out: Stereo Mini Jack

Dimensions including monitor 59.02"x 34.06" x 2.95"

TSI Touch Overlay, Weight without monitor 48.4lbs

Note: Additional software sold separately

Location: One (1) in conference room.

1- Exterior surface mounted compartment to house the exterior TV. Door to be constructed from 0.125" aluminum with all welded seams, hinged at the top. Product features:

- Gas charged lift supports and locking latch.
- Installed and Painted to match body.
- Include photos of exterior TV compartment with response – no exceptions.
-

1 - Winegard TRAV'LER DirecTV HD SWM 3 Slimline automatic satellite system.

- DIRECTV Satellites: 99°, 101°, 103°
- Note: Service contract, activation and set up not included.

2- DirecTV H25 HD Commercial Satellite Receiver.

2 - HDMI splitter 1x4; one port in, four ports out.

Input: One (1) satellite TV receiver per splitter.

Output: Four (4) selected TV's per splitter

1 - JACK® model OA8500 Digital HDTV Antenna + Mount with SureLock™ DTV Signal Meter. No crank up, built in Amplifier and 360° rotation for improved reception.

1 - 4-Way Audio/Video Distribution Amplifier #19180002 (or current model).

1 - All RF cable shall be Belden #9116 series 6 broadband coaxial cable, or equivalent.

1 - Infrared camera with monitor – mounted to telescoping mast and should be able to feed image into one of the smart screens.

RADIO, INTEROPERABLE COMMUNICATIONS:

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.

5 - Prewire and make installation provisions for customer installed radio. Installation includes:

- Two (2) Antenna Runs from the roof to radio location. These runs will each have an NMO-style base on the antenna raceway and have LMR195 antenna cable routed to radio location in Carlon Carflex ENT conduit.
- One (1) 12Vdc power block located at the radio location.

1 - Single 3"H x 3"W x 12'L square aluminum tube antenna raceway on the roof of the apparatus. Antenna raceway will penetrate the roof at one location, to be determined. Includes the following:

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

TELEPHONE SYSTEM:

- Cloud based phone system that works with IP based phones.
- Software for Cloud/Remote management of the phone system.
- 6- RJ45 network plates with 2 jacks each to connect an IP based desk phone and docking stations at the 6 workstation areas.
- 6- 2-line phones to work with the cloud-based solution.
- All network lines for phones must be installed in Carlon Flex-Plus ENT conduit or raceway (as applicable)

COMPUTER AIDED DISPATCH EQUIPMENT:

- 4G/5G capable Router for vehicles with multiple Sim card capabilities for multiple service providers,
 - 4 GbE ports with 1 being able to be a WAN port.
 - Dual Band 802.11ax Wi-fi capable for private and guest network.
 - Failover from 4G/5G network to WAN
 - 1 Interior and 2 exterior antennas.
 - Remote/Cloud based management.
- 12 Cat6 runs from patch panel to the 12 jacks located at the workstations routed through Carlon Flex-Plus ENT conduit or raceway (as applicable)
- Label jacks/wall plates with patch panel location.
- 1 24 port rack mountable patch panel mounted in network cabinet
- Appropriate Cat6 cables provided from wall jacks to phones and wall jacks to workstations.
- Report stating that all cabling is certified and meets industry standards.
- Cisco unmanaged 24 port network switch 10/100/1000T Gigabit switch with POE.
- HP LaserJet Pro m477fdw (or current model) Color All-in-one printer
- UPS housed in network cabinet to support at least 15 min. runtime of equipment in network cabinet (Switch and router)

MISCELLANEOUS ELECTRONICS

- Custom fabricated mounting system/cabinet to be able to accommodate patch panel, switch, router and UPS.
- Must be able to swing/roll out to access the rear of equipment.
- Must have appropriate ventilation and fans to help redirect airflow.
- Plexiglas front door with key lock.
- 2- 20-amp power strips with 6 outlets each.

EXTERIOR STORAGE COMPARTMENTS:

1 - Single door underbody storage compartment with approximate interior dimensions 15" high x up to 24" wide x 25" deep constructed from 0.125" aluminum with all welded seams.

Compartment 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 - Girard Nova-Double Pitched, AC electric powered, Lateral Arm awning with wind sensors (or equivalent).

1- Security alarm system w/motion sensors

1- Refrigerator, mounted – 9.8- 11 cubic feet to include freezer

1- Digital clock, wall mounted above rear main entry/exit door

1- Microwave oven minimum 1,000-watt, mounted overhead

2 - 5-pound dry chemical fire extinguisher.

3 - First Alert 9-volt combination Carbon Monoxide and Smoke alarm (or equivalent).

1 - Complete manual set, including the following:

- As-built specifications with interior and exterior drawings as used for production of the vehicle.
- Chassis and body owner's manuals.

Delivery should be a maximum of 240 days from the time of the order.

In person training to be provided.

- 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.
- Telephone system wiring diagrams.
- 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 - Warranty - 1 year for manufacturers defects in materials and workmanship.
- 1 - At time of delivery to Sandoval County Sheriff's Office facility a factory trained employee of the manufacturer will provide up to eight (8) hours of orientation on manufacturer provided systems.

Includes:

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

V. EVALUATION PROCESS

1. Compliance Review

After the required public opening and reading, all timely Bids will be reviewed for compliance with the requirements and specifications stated within the ITB. Bids deemed non-responsive will be eliminated from further consideration.

2. Clarifications

The Procurement Manager may contact the Bidder for clarification of a response.

3. Other Information Sources

The County may use other sources of information to confirm the validity of the bids submitted and the ability of the Bidder to perform.

4. Bid Tabulation

The bid price(s) on the Bid Form from the timely and responsive bids will be tabulated (price compared) to identify the lowest priced bid. If applicable, the price bids will be adjusted (for comparison and award purposes only) for those Bidders that submitted a valid Preference Certificate with their bid.

5. Discrepancies in Price(s)

In case of an error in the Extended Price and Unit Price, the Unit Price shall govern.

6. Determination of Lowest Price

After completion of the bid tabulation, the County will examine the results to determine which Bidder offered the lowest price to the County in accordance with the specifications, terms and conditions set forth in this Invitation to Bid.

VI. APPENDICES

1. Acknowledge of Receipt Form

Potential Bidders **should** hand deliver or return by facsimile, registered or certified mail or email the “Acknowledgement of Receipt Form” (see APPENDIX A) that accompanies this document to have their organization placed on the procurement distribution list. The form **should** be signed by an authorized representative of the organization and delivered to the

Procurement Manager no later than the date specified in the Sequence of Events. The procurement distribution list will be used for the distribution of important information regarding this procurement.

2. Campaign Contribution Disclosure Form

The Bidder must complete an unaltered Campaign Contribution Disclosure Form and submit a signed copy with the Bidder's proposal. This must be accomplished whether or not an applicable contribution has been made. (See APPENDIX B)

3. Letter of Transmittal Form

The Bidder's proposal **must** be accompanied by the Letter of Transmittal Form located in APPENDIX C. The form **must** be completed and must be signed by the person authorized to obligate the company.

4. Conflict of Interest Affidavit

Bidders must include signed and completed Conflict of Interest Form (APPENDIX D) with ITB documents. The Bidder warrants that it presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance or services required under the Agreement. The Bidder certifies that the requirements of the Governmental Conduct Code Act, Sections 10-16-1 through 10-16-18, NMSA 1978, regarding contracting with a public officer or state employee or former state employee have been followed.

5. Non-Collusion Affidavit

In signing this form (Appendix E), the Bidder certifies he/she has not, either directly or indirectly, entered into action in restraint of free competitive bidding in connection with this offer submitted to the County.

6. Bid Form

The form (Appendix F) is to present the cost to the County and to include all items required for this Bid. **Bid Form may be modified to accommodate additional items not included on original form but must remain in the original format.**

APPENDIX A

ACKNOWLEDGEMENT OF RECEIPT FORM

APPENDIX A

REQUEST FOR PROPOSAL

Mobile Emergency Operations Center
ITB# FY23-SCSO-01R

ACKNOWLEDGEMENT OF RECEIPT FORM

In acknowledgement of receipt of this Request for Proposal the undersigned agrees that s/he has received a complete copy, beginning with the title page and ending with APPENDIX G.

The acknowledgement of receipt should be signed and returned to the Procurement Manager no later than **March 17, 2023 by 5:00 pm (Mountain Daylight Time)**. Only potential Bidders who elect to return this form completed with the indicated intention of submitting a proposal will receive copies of all Bidder written questions and the written responses to those questions as well as ITB amendments, if any are issued.

FIRM: _____

REPRESENTED BY: _____

TITLE: _____ PHONE NO.: _____

E-MAIL: _____ FAX NO.: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

SIGNATURE: _____ DATE: _____

This name and address will be used for all correspondence related to the Request for Proposal.

Firm does/does not (circle one) intend to respond to this Request for Proposal.

Leslie Olivas, Senior Procurement Specialist
Sandoval County
1500 Idalia Road Bldg. D, PO Box 40
Bernalillo, NM 87004
Fax: 505-867-7605
E-mail: ldolivas@sandovalcountynm.gov

APPENDIX B

CAMPAIGN CONTRIBUTION DISCLOSURE FORM

Campaign Contribution Disclosure Form

Pursuant to NMSA 1978, § 13-1-191.1 (2006), any person seeking to enter into a contract with any state agency or local public body for professional services, a design and build project delivery system, or the design and installation of measures the primary purpose of which is to conserve natural resources must file this form with that state agency or local public body. This form must be filed even if the contract qualifies as a small purchase or a sole source contract. The prospective contractor must disclose whether they, a family member or a representative of the prospective contractor has made a campaign contribution to an applicable public official of the state or a local public body during the two years prior to the date on which the contractor submits a proposal or, in the case of a sole source or small purchase contract, the two years prior to the date the contractor signs the contract, if the aggregate total of contributions given by the prospective contractor, a family member or a representative of the prospective contractor to the public official exceeds one hundred dollars (\$100) over the two year period.

Furthermore, the state agency or local public body shall void an executed contract or cancel a solicitation or proposed award for a proposed contract if: 1) a prospective contractor, a family member of the prospective contractor, or a representative of the prospective contractor gives a campaign contribution or other thing of value to an applicable public official or the applicable public official's employees during the pendency of the procurement process or 2) a prospective contractor fails to submit a fully completed disclosure statement pursuant to the law.

THIS FORM MUST BE FILED BY ANY PROSPECTIVE CONTRACTOR WHETHER OR NOT THEY, THEIR FAMILY MEMBER, OR THEIR REPRESENTATIVE HAS MADE ANY CONTRIBUTIONS SUBJECT TO DISCLOSURE.

The following definitions apply:

“Applicable public official” means a person elected to an office or a person appointed to complete a term of an elected office, who has the authority to award or influence the award of the contract for which the prospective contractor is submitting a competitive sealed proposal or who has the authority to negotiate a sole source or small purchase contract that may be awarded without submission of a sealed competitive proposal.

“Campaign Contribution” means a gift, subscription, loan, advance or deposit of money or other thing of value, including the estimated value of an in-kind contribution, that is made to or received by an applicable public official or any person authorized to raise, collect or expend contributions on that official's behalf for the purpose of electing the official to either statewide or local office. “Campaign Contribution” includes the payment of a debt incurred in an election campaign, but does not include the value of services provided without compensation or unreimbursed travel or other personal expenses of individuals who volunteer a portion or all of their time on behalf of a candidate or political committee, nor does it include the administrative or solicitation expenses of a political committee that are paid by an organization that sponsors the committee.

“Family member” means spouse, father, mother, child, father-in-law, mother-in-law, daughter-in-law or son-in-law.

“Pendency of the procurement process” means the time period commencing with the public notice of the request for Bids and ending with the award of the contract or the cancellation of the request for Bids.

“Person” means any corporation, partnership, individual, joint venture, association or any other private legal entity.

“Prospective contractor” means a person who is subject to the competitive sealed proposal process set forth in the Procurement Code or is not required to submit a competitive sealed proposal because that person qualifies for a sole source or a small purchase contract.

“Representative of a prospective contractor” means an officer or director of a corporation, a member or manager of a limited liability corporation, a partner of a partnership or a trustee of a trust of the prospective contractor.

DISCLOSURE OF CONTRIBUTIONS:

Contribution Made By: _____

Relation to Prospective Contractor: _____

Name of Applicable Public Official: _____

Date Contribution(s) Made: _____

Amount(s) of Contribution(s) _____

Nature of Contribution(s) _____

Purpose of Contribution(s) _____

(Attach extra pages if necessary)

Signature

Date

Title (position)

—OR—

NO CONTRIBUTIONS IN THE AGGREGATE TOTAL OVER ONE HUNDRED DOLLARS (\$100) WERE MADE to an applicable public official by me, a family member or representative.

Signature

Date

Title (Position)

SANDOVAL COUNTY’S CURRENT ELECTED OFFICIALS

Katherine A. Bruch, Commission District 1

Jay C. Block, Commission District 2

Michael Meek, Commission District 3

David J. Heil, Commission District 4

Joshua Jones, Commission District 5

Linda P. Gallegos, Assessor

Anne Brady-Romero, Clerk

Edward W. Lovato, Probate Judge

Jesse James Casaus, Sheriff

Jennifer A. Taylor, Treasurer

APPENDIX C

LETTER OF TRANSMITTAL FORM

APPENDIX C
Letter of Transmittal Form

ITB#: _____

Bidder Name: _____ **FED ID#** _____

Items #1 to #7 EACH MUST BE COMPLETED IN FULL

1. **Identity (Name) and Mailing Address** of the submitting organization:

2. For the person authorized by the organization to contractually obligate on behalf of this Offer:

Name _____

Title _____

E-Mail Address _____

Telephone Number _____

3. For the person authorized by the organization to negotiate on behalf of this Offer:

Name _____

Title _____

E-Mail Address _____

Telephone Number _____

4. For the person authorized by the organization to clarify/respond to queries regarding this Offer:

Name _____

Title _____

E-Mail Address _____

Telephone Number _____

5. Use of Sub-Contractors (Select one)

___ No sub-contractors will be used in the performance of any resultant contract OR

___ The following sub-contractors will be used in the performance of any resultant contract:

(Attach extra sheets, as needed)

6. Please describe any relationship with any entity (other than Subcontractors listed in (5) above) which will be used in the performance of any resultant contract.

(Attach extra sheets, as needed)

7. ___ On behalf of the submitting organization named in item #1, above, I accept the Conditions Governing the Procurement

___ I concur that submission of our proposal constitutes acceptance of the Evaluation Factors contained in Section V of this ITB.

___ I acknowledge receipt of any and all amendments to this ITB.

_____, 2023
Authorized Signature and Date (Must be signed by the person identified in item #2, above.)

APPENDIX D
CONFLICT OF INTEREST AFFIDAVIT

APPENDIX D

CONFLICT OF INTEREST AFFIDAVIT

STATE OF NEW MEXICO)
) ss.
COUNTY OF SANDOVAL)

I, _____ (name), being first duly sworn upon my oath, depose and state the following:

I am a former employee of _____ (name of Department/Agency), having separated/retired from state employment as of _____ (date).

I am a current employee of _____ (name of Department/Agency), or a legislator with the state, or the family member (spouse, parent, child, sibling by consanguinity or affinity) of a current employee or legislator with the state. Being a current employee or legislator or family member of a current employee or legislator of the state, I hereby certify that I obtained this Agreement pursuant to Sections 10-16-7 or 10-16-9 NMSA 1978, that is, in accordance with the Procurement Code except that this Agreement has NOT been awarded via the sole source or small purchase procurement methods.

The Department/Agency and I have entered into an agreement in the amount of \$_____.

Section 10-16-8.A(1) NMSA 1978 of the Governmental Conduct Act does not apply to this Agreement because I neither sought a contract with the Department/Agency, nor engaged in any official act which directly resulted in the formation of the Professional Services Agreement while an employee of the Department/Agency.

To the best of my knowledge, this Agreement was awarded in compliance with all relevant provisions of the New Mexico Procurement Code (13-1-28, et. seq., NMSA 1978).

FURTHER, AFFIANT SAYETH NOT.

NAME

Subscribed and sworn to before me by _____ (name of former employee)
this ____ day of _____, 20__.

NOTARY PUBLIC

My Commission Expires:

Terms of the Conflict of Interest Affidavit are inapplicable.

APPENDIX E

NON-COLLUSION AFFIDAVIT

NON-COLLUSION AFFIDAVIT

STATE OF _____)
County of _____)

_____ (name) being first duly sworn, deposes and says that
he/she is (title) _____ of organization
_____ who submits herewith to
the County of Sandoval, a bid:

That all statements of fact in such bid are true:

That said bid was not made in the interest of or on behalf of any undisclosed person, partnership, company, association, organization or corporation;

That said bidder has not, directly or indirectly by agreement, communication or conference with anyone attempted to induce action prejudicial to the interest of the County of Sandoval, or of any bidder of anyone else interested in the proposed contract; and further,

That prior to the public opening and reading of the bid, said bid:

1. Did not directly or indirectly, induce or solicit anyone else to submit a false or sham bid;
2. Did not directly or indirectly collude, conspire, connive or agree with anyone else that said bidder or anyone else would submit a false or sham bid, or that anyone should refrain from bidding or withdraw his bid;
3. Did not in any manner, directly or indirectly, seek by agreement, communication or conference with anyone to raise or fix the bid price of said bidder or of anyone else, or to raise or fix any overhead, profit or cost element of their bid price, or of that of anyone else;
4. Did not directly or indirectly, submit his proposed price or any breakdown thereof, or the contest thereof, or divulge information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository or to any member or agent thereof, or to any individual or group of individuals, except that County of Sandoval, or to any person or persons who have a partnership or other financial interests with said bidder in his business.

By: _____

Title _____

SUBSCRIBED and sworn to before me this _____ day of _____, 20_____.

Notary Public: _____

My Commission Expires:

APPENDIX F

BID FORM

**APPENDIX F – BID FORM
 FY23-SCSO-01R
 Mobile Emergency Operations Center**

To: Sandoval County
 Attn: Purchasing
 P.O. Box 40
 Bernalillo, NM 87004

From: _____
 Name of Address

Mailing Address

City, State, & Zip

Description	Qty.	Cost
Mobile Emergency Operations Center	1	
Sub-Total		
_____% NM State Sales Tax		
OPTIONS AND ATTACHMENTS		
1.		
2.		
3.		
4.		
Sub-Total		
_____% NM State Sales Tax		
TOTAL		
DELIVERY/PLACEMENT CHARGE		
GRAND TOTAL		