

November 22, 2011

SUBJECT: Request For Bids

Dear Sir:

The Alachua County Sheriff's Office located in Gainesville, Florida has been given the responsibility to act as the Lead Agency in purchasing one (1) Mobile Emergency Operations Center for the Baker County Sheriff's Office to be purchased using Federal Grant Monies.

Enclosed please find a Request for Bid and detailed specifications to purchase one (1) Mobile Emergency Operations Center. Any questions pertaining to this request shall be directed to Accounting and Budget Bureau, (352) 367-4049 prior to the set bid opening date and time.

We look forward to receiving your bid response on or before **January 26, 2012, at 2:00 p.m., local time.**

Sincerely,

SADIE DARNELL, SHERIFF

By: _____
M.D. Tudeen
Administrative Manager

MDT/kf

Enclosures

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REQUEST FOR BIDS

Notice is hereby given that the Alachua County Sheriff's Office acting as the Lead Agency is requesting bids for the purpose of Purchasing one (1) Mobile Emergency Operations Center for the Baker County Sheriff's Office.

Detailed specifications may be obtained by contacting the Alachua County Sheriff's Office, Accounting & Budget Bureau, at (352) 367-4049.

All bids submitted must be in writing on the prescribed sheets and delivered by hand to the Alachua County Sheriff's Office, ATTN: Accounting & Budget, 2621 SE Hawthorne Road, Gainesville, Florida 32641 or mailed to the Alachua County Sheriff's Office, ATTN: Accounting & Budget Bureau, P.O. Box 5489 Gainesville, Florida 32627-5489.

It shall be the bidders' responsibility to ensure delivery of the bid to the Accounting & Budget Bureau on or before **January 26, 2012, at 2:00 p.m., local time.** Only bids received by the aforesaid time and date will be considered. All proposals must be enclosed within a sealed envelope and clearly marked on the face of that envelope **"BID ON MOBILE EMERGENCY OPERATIONS CENTER B-12-3"**

The Alachua County Sheriff's Office reserves the right to accept or reject any and all bids in whole or in part and to waive informalities.

SADIE DARNELL, SHERIFF

By: _____
M. D. Tudeen
Administrative Manager

Gainesville Sun: Publish: November 22, 2011
November 29, 2011

SCOPE OF SERVICES

It is the intent of the Alachua County Sheriff's Office to obtain fixed pricing for the purchase of one (1) Mobile Emergency Operations Center to be purchased for the Baker County Sheriff's Office.

In determining the successful bidder, consideration will be given to price, responsiveness to these specifications, the purchaser's past experience and suitability of the services being offered. The Sheriff reserves the right to accept any bid or to reject any or all bids in whole or in part or to award the bid for Mobile Emergency Operations Center on such a basis as the Sheriff deems to be in her best interest.

NOTE: THE ALACHUA COUNTY SHERIFF'S OFFICE LOCATION OF 2621 SE HAWTHORN ROAD, GAINESVILLE, FL 32641 IS NOT ON ANY CARRIERS GUARANTEED NEXT DAY AIR SERVICE. PACKAGES SENT NEXT DAY AIR OFTEN ARRIVE LATE IN THE AFTERNOON WELL PAST THE 2:00 PM DEADLINE.

SUBMIT BIDS TO:
ALACHUA COUNTY SHERIFF'S OFFICE
2621 SE HAWTHORNE ROAD
GAINESVILLE, FL 32641

ALACHUA COUNTY SHERIFF'S OFFICE
ALACHUA COUNTY, FLORIDA
INVITATION TO BID
REGULAR AND TERM CONTRACTS
Bidder Acknowledgment

BIDS WILL BE RECEIVED: January 26, 2012	NO LATER THAN 2:00 p.m.
BIDS WILL BE OPENED: January 26, 2012 @ 2:00 pm	
BID TITLE: Mobile Emergency Operation Center	
AGENCY MAILING DATE: November 22, 2011 BID NUMBER: B-12-3	
VENDOR NAME:	REASON FOR NO BID
VENDOR MAILING ADDRESS	
CITY-STATE-ZIP	
AREA CODE	TELEPHONE NUMBER
	TOLL FREE NUMBER

I certify that this bid is made without prior understanding, agreement or connection with any corporation, firm, or person submitting a bid for the same materials, supplies or equipment and is in all respects fair and without collusion or fraud. I agree to (MANUAL)

abide by all conditions of this bid and certify that I am authorized to sign this bid for the bidder. NOTE TO BIDDERS: The undersigned bidder does declare that he has carefully examined the specifications and conditions of the bid and is thoroughly familiar with its provisions and with the quality, type and grade of materials called for.

AUTHORIZED SIGNATURE

AUTHORIZED SIGNATURE (TYPED)

TITLE

INSTRUCTION TO BIDDERS

SPECIFICATIONS FOR:
OPENING PLACE AND TIME:

MOBILE EMERGENCY OPERATIONS CENTER, BID NUMBER B-12-3
Bids will be opened at the Alachua County Sheriff's Office, Sheriff Crevasse Conference Room on January 26, 2012 at 2:00 p.m., local time. NO LATE BIDS WILL BE ACCEPTED. All interested bidders are welcome to attend.

DEFINITION OF TERMS

Where the following terms or their pronouns occur herein, the intent and meaning shall be as follows:

SHERIFF: The Sheriff of Alachua County, Florida or her duly authorized representative.

BIDDER: Any person, firm or corporation submitting a proposal for the service contemplated, or a duly authorized representative.

CONTRACTOR: The person, firm or corporation, with whom the Sheriff has executed a contract for the performance of the service, or a duly authorized representative.

SPECIFICATIONS: The directions, provisions and requirements contained herein, together with all written agreements made setting out or relating to the method and manner of performing the requested service. All applicable laws of the State of Florida, the Federal Government, and the Ordinances of the County of Alachua are hereby adopted and made part of these specifications.

CONTRACT: The proposal submitted by the bidder which is accepted by the Sheriff along with all documents identified as constituting the entire bid package.

PROPOSAL: The offer of the bidder, submitted on the prescribed sheets, setting forth the prices and scope of service to be performed.

RESPONSIBLE Agent : The duly authorized representatives of the Sheriff and the Contractor during the contract period.

GENERAL TERMS AND PROVISIONS

1. **BIDS:**
- 1.1 The herein included Invitation To Bid, Scope of Services, Instructions to Bidder, the Specifications, the Bid Sheet, the Questionnaire, the Terms and Provisions, the Affidavit of Interest, together with all attached documents therein identified, constitute the entire bid package. Specifications and supplemental documents are essential parts of the contract, and requirements occurring in one are as binding as though occurring in all.
- 1.2 Bid proposals may be considered irregular and subject to rejection if they show serious omission, unauthorized alteration of form, unauthorized alternate or incomplete proposals or irregularities of any kind.
- 1.3 All bids must include a manual signature of the authorized representative in the space provided. Bids must be typed or printed in ink. Use of erasable ink is not permitted. All corrections made by the bidder to the bid price must be initialed.
- 1.4 Any deviations from the bid specifications shall be duly noted on the applicable page and initialed in ink. Items will be assumed to be in strict accordance unless such notations are made.
- 1.5 Any questions pertaining to the conditions and specifications or any portion of this request, shall be directed to the Accounting & Budget Bureau prior to the set bid opening date and time. No interpretation shall be considered binding unless provided in writing by the Sheriff. Any and all such interpretations and any supplemental instructions will be in the form of written addendum, which, if issued, will be posted on the Alachua County Sheriff's Office website www.alachuasheriff.org. All addenda so issued shall become part of the Bid Documents.
- 1.6 Any bidder may withdraw the proposal by facsimile or written request at any time prior to the scheduled closing time for receipt of proposals.
- 1.7 All bid proposals must be quoted on the bid sheet provided. No other bid proposals will be accepted. All copies must be marked plainly by the bidder, who will be responsible for its accuracy. All blank spaces must be filled in as noted, in ink or typed, with the amounts extended and totaled. Any corrections necessarily made on the proposal sheet should be made by crossing out the term in error and inserting the corrected item immediately above. Such corrections shall be initialed and dated by the person signing the proposal. No proposal containing correction by erasure will be accepted.
- 1.8 The Sheriff reserves the right to accept or reject any or all proposals and to waive any informalities.
- 1.9 Manufacturers names and model numbers are herein used solely for the purpose of establishing a standard of design and use intended. Products of other manufacturers will be considered if they meet or exceed such standards, unless marked NO SUBSTITUTION.
- 5.2 The bidder guarantees and agrees to indemnify, defend and hold harmless the Alachua County Sheriff's Office
- 1.10 All items of labor and material, whether stated or implied, shall be included to make unit completely operational and ready for use intended.
2. **Qualifications of Bidders:**
- 2.1 Bids will be considered only from firms normally engaged in providing and performing the services requested. Bidders must have adequate organization, facilities, equipment and personnel to insure prompt and efficient service to the Sheriff, and shall have all necessary licenses and permits required by law to fulfill the requirements of this proposal.
- 2.2 The Sheriff reserves the right to inspect the facilities and organization or to take any other action necessary to determine ability to perform in accordance with specifications, terms and conditions prior to making an award.
- 2.3 The Sheriff will determine whether the evidence of ability to perform is satisfactory and will make awards only when such evidence is deemed satisfactory and reserves the right to reject bids where evidence submitted, or investigation and evaluation indicate inability of the bidder to perform.
3. **PERSONAL INVESTIGATION:**
- 3.1 Before submitting a proposal, it shall be the bidder's responsibility to be familiar with the nature and extent of the services described herein and any local conditions that may in any way affect the cost thereof. Bidder shall also examine thoroughly specifications and other related documents to inform him/herself regarding any and all conditions and requirements that may in any manner affect the service to be performed under this proposal. Submission of the proposal by a bidder shall be conclusive evidence the bidder has complied with the requirements of 3.1 herein.
4. **COMPLIANCE:**
- 4.1 Contractor shall comply with all laws, ordinances and regulations applicable to the sale and delivery of the goods and/or services called for in this proposal. The bidder is presumed to be familiar with all Federal, State and local laws, ordinances, code rules and regulations that in any way affect the production, sale and delivery of the goods or the furnishing of any labor or services called for by this request. Ignorance on the part of the bidder will in no way relieve the bidder from responsibility.
5. **INDEMNIFICATION:**
- 5.1 The bidder, without exception, shall indemnify, defend and save harmless the Alachua County Sheriff's Office and Baker County Sheriff's Office and its employees from liability of any nature and kind, including cost and expenses for or on account of any copyrighted, patented, or unpatented invention, process or article manufactured or used in the performance of this request.
- 9.0 **PRICES:**

- and Baker County Sheriff's Office for any and all loss, liability damages, demands, claims or costs arising out of defective material and products, faulty work performance, negligent or unlawful acts and non-compliance with any local, state or federal codes.
- 5.3 The bidder agrees to defend, indemnify, save harmless and to exempt the Sheriff, her officers, agents, servants, and employees, from and against any and all suits, actions, legal proceedings, claims, demands, damages, costs, expenses and attorney's fees resulting from injury, real or imagined, to any person or property damage arising out of the services to be performed under this contract.
- 5.4 At no time will an employee of the Contractor be considered an employee of the Sheriff.
6. DISPUTES:
- 6.1 It is understood by the parties that the formation of this contract and venue for any disputes concerning this transaction lies and shall be in Alachua County, Florida.
7. AWARD OF CONTRACT
- 7.1 The bidder by submission of a bid will be deemed to have waived any and all objections to the process employed by the Sheriff in obtaining bids and in awarding the contract; and any right of actions against the Sheriff arising out of said process, ordinances, order or statutes, including the Occupational Safety and Health Act.
- 7.2 Award of this contract as a result of this solicitation shall be deemed effective only to the extent of appropriations available to the Sheriff at any time during the contract period.
- 7.3 The Sheriff reserves the right to award the bid to more than one bidder, as determined to be in the best interest of the Sheriff.
8. DELIVERY AND SERVICE:
- 8.1 Any delay of delivery or rendition of services which deviates from the bid specifications, unless authorized by the Sheriff in writing, may result in the cancellation of the order. The Sheriff may procure similar services from any outside source by purchase order or other means and the Contractor will be liable for any excess costs in the event of such cancellations.
- 8.2 Delivery of finished Mobile Emergency Operations Center shall be made to: Baker County Sheriff's Office, 1 Sheriff's Office Dr., Macclenny, FL 32063
Attn: Major Gerald Gonzalez
- 9.1 The bidder represents that the prices charged for the services is the lowest price charged by the bidder to buyers of a class similar to the Alachua County Sheriff's Office under conditions similar to those specified in this request.
- 9.2 The Alachua county Sheriff's Office is a tax exempt organization, #85-8013868101C-9.
The Baker County Sheriff's Office is a tax exempt Organization #85-8012646356C-0
- 9.3. Prices bid shall be total cost and shall include all services to be rendered. All prices quoted shall be firm and binding .
- 9.4 Prices shall include all packing, handling, preparation, shipping and delivery charges.
- 9.5 All prices shall be F.O.B. Baker County Sheriff's Office, Macclenny, Florida.
- 9.6 Any item included as standard equipment by the manufacturer shall be identified and included on the units being bid.
- 9.7 All items shall be new. In no case will used, reconditioned or obsolete parts/units be acceptable
10. MODIFICATIONS:
- 10.1 If any provision of this agreement shall be declared illegal, void or unenforceable, the other provisions shall not be affected but shall remain in full force and effect.
- 10.2 All specifications are to be considered minimum requirements.
- 10.3 This agreement constitutes the entire agreement and understanding between the parties hereto, and it shall not be considered modified, altered, changed or amended in any respect unless in writing and signed by the parties hereto.
- 10.4 The failure of the Sheriff at anytime to require performance by the vendor for any provisions hereof shall in no way affect the right of the Sheriff thereafter to enforce same. Nor shall waiver by the Sheriff of any breach of any provisions hereof taken or held to be a waiver of any succeeding breach of such provisions or be a waiver of any provision itself.
11. RESPONSIBLE AGENT:
- 11.1 The contractor shall designate a responsible agent and alternate as necessary, for all dealings, communications, notices or contracts between the Sheriff and the contractor. Any notice or communication to or from the responsible agent shall be deemed to be communication to or from the contractor.

12. ASSIGNMENT AND SUBLETTING:

12.1 No assignment of the contract or any right occurring under this contract shall be made in whole or in part by the contractor without express written consent of the Sheriff. In the event of any assignment, the assignee shall assume the liability of the contractor; however, the Sheriff reserves the right to hold the contractor liable in the event of a breach of the terms of this contract by the contractor or its assignee. In the event the contractor assigns the agreement and the Sheriff accepts the assignee, the assignee will be subject to all terms and conditions of this agreement. notice in writing.

13. BOOKS AND RECORDS:

13.1 The contractor shall keep records of services performed and the costs therefore, and the Sheriff shall have the right to review these records upon request.

14. COMPLIANCE:

14.1 Items may be tested for compliance with specifications. Items delivered not conforming to specifications may be rejected and returned at bidder's expense.

15. INSURANCE:

15.1 The contractor shall provide and maintain during the contract period, liability and property damage insurance to protect himself, his agents, and his employees from claims for damages for personal injury, including wrongful and accidental death and property damage which may arise from operations under the agreement whether operations be performed by himself or his employees. The policy or policies shall name the Sheriff as additional insured and shall contain a clause that the insurer will not cancel or decrease the insurance coverage without first giving the Sheriff thirty (30) days notice in writing.

16. ADVERTISING:

16.1 In submitting a proposal, the bidder agrees not to use the results therefrom as a part of any commercial advertising.

Vehicle Overview

The Baker County Sheriff's Office Mobile Emergency Operations Center (MEOC) will be built on a 40' (approx.) conventional cab/chassis configuration with four sections. The MEOC will be configured in such a way as to be compatible with the Baker County Emergency Operations.

The MEOC will be configured to operate in a stand-alone mode when remotely deployed. The MEOC will be capable of receiving shore power or providing generator power to operate its onboard equipment and electronic systems as specified elsewhere in this document.

The MEOC shall also be pre-wired for additional equipment and electronic systems as specified by Baker County Sheriff's Office, which may be purchased and installed on the MEOC at a later date.

The forward Driver/Passenger area of the vehicle (Cab) will be dedicated for transport with DOT compliant seating for two personnel with appropriate communications installed. Currently planned electronics are one (1) Cobra or equivalent, CB/Weather Radio, one (1) Back-up Display Monitor with Audio, GPS unit, and one (1) Whelen or equivalent, siren/paging system with an external mount siren/paging speaker.

The second area of the vehicle will be the forward Conference/Operations area. This area will have two (2) large flush floor design slide-out rooms directly across from each other for maximum space. There will be a contoured countertop in the curb-side slide-out in order to facilitate foot traffic transitioning from front to rear and vice-versa while personnel are seated.

Both slide-out rooms will have two (2) workstation (WS) modules. Overhead Cabinets will be built within both the road-side and curb-side slide-outs. There will be an overhead cabinet mounted at both ends of the road-side slide-out.

There will be a 37" LED HD monitor mounted above the counter, between the Overhead Cabinets within the road-side slide-out. The Overhead Cabinets built within the curb-side slide-out will extend completely from side to side, across the rear wall of the slide-out. Both slide-outs will have two (2) below counter 2-Drawer file cabinets. The curb-side slide-out will contain an above counter printer station.

The Conference/Operations area will feature an executive style custom-built conference table with seating for up to eight personnel. The conference table will have four (4) built in centrally located workstation (WS) modules, which utilize contemporary modular housings for protected/quick access to data, phone, and other connectivity as specified. The conference table will have connections for at least at least one (1) VGA (HD-15), one (1) RJ45 for a Hitachi Starboard (future use), and one (1) RJ-45 for a Pelco Camera Controller (future use).

Two (2) 23" LEDHD monitors will be located above the driver transition area. There will also be a central communications rack that will contain communications and/or other Baker County specified equipment, strategically located for access from the Conference/Operations WS-6 position, as shown in drawing.

The third area of the vehicle will have a Galley with Microwave, Refrigerator and Coffee Maker, and a Central Electronics Closet with pocket door, which will provide access to the rear of the forward communications/satellite rack. This area will also include a bathroom and hand-washing sink located across from the Central Electronics Closet.

The fourth area (rear) will serve as the primary Dispatch/Operations area and will be capable of separation from all other areas via a pocket door. This area will have two dispatch positions, WS-7 and WS-8, both of which will be situated along the rear wall. There will be one (1) below counter 2-drawer file cabinet built in between WS-7 and WS-8. There will be two (2) 23" LEDHD monitors mounted on the rear wall.

Engine

The Engine, Chassis, Transmission, Brakes, Electrical System, and axle requirements are minimums due to this vehicle use off-road. Smaller components will not be considered. Where "brand names" are listed, approved equals or superior components will be accepted.

The engine shall be a 450, 12.8L supported by Detroit Diesel and Freightliner, turbocharged, after-cooled, electronic diesel rated at 450 Hp @ 2,200 rpm, 1550 lb*ft @ 1,100 rpm. MBE-4000 Compression Brake

Basic Engine Equipment

Engine-Mounted Oil check and Fill
Lower Windshield Air Intake with Donaldson Air Cleaner Mounted in Engine
Compartment
Wabco 15.5 CFM air Compression
Electronic Engine Integral Shutdown Protection System
Three-way Off/Low/High Compression and Exhaust Brake
Accessible Fuel and Full Flow Oil Filters
Fleetguard Coolant Filter
1350 Square Inch Radiator
Philips-Temro 1500 watt/115 volt Block Heater (Chrome Engine Heater Receptacle Mounted Under LH Door)

Diagnostic Interface Connector, 9-pin, SAE J1587/1708/1939, Located Outboard LH Seat

ICU4M Driver Message Center with 2 X 20 Display, Keypad, Diagnostics and Data Linked

Performance Data

Rated hp (kw)	450
Rated rpm	2200
Low idle rpm	700
Operating range (rpm)	960
Altitude capability ft (m)	10,000 (3050)
Peak Torque-lb-ft (N-m)	1550 (1166)
Peak Torque rpm	1100

Transmission

- Eaton/Fuller RTLO-16913L-DM TRV Automatic with “Smart Shift” provision
- WTEC calibration – 13 speed RDS/TRV (Ultra-shift package)
- Push-button, paddle mounted electronic shift control
- Frame mounted water to oil transmission cooler

Brakes

Front: Meritor CAM 16.5 X 6 Q-Plus

Rear: Meritor CAM 16.5 X 7 Q-Plus.

Quick disconnect w/ hose for tire inflation.

Air Dryer Bendix AD-9 w/ heater.

ABS System: WABCO 4S/4M ABS

4 sensor/4 modulator system.

Each wheel individually modulated for more accurate control.

Two Valve Parking Brake System with Warning Indicator.

Steering

TRW TAS-85 Power Steering

Power Steering Pump

Two Quart See-Through Power Steering Reservoir

Electrical System

Alternator: Leece-Neville 270-amp

Starting: Mitsubishi 12-volt 105P55 Type Starter

Batteries: Four Alliance 1031 Group 31 12-volt MF 3040 CCA Threaded Slot w/ Battery Post for Jump-Start. Battery Cut-Off Switch Located in Cab Outboard of Driver’s Seat.

Unit shall have 2 (two) built-in electric battery chargers powered from the onboard 120/240 electrical system. One charger is to charge the chassis batteries and the other is to charge the interior operations batteries.

Fuel Tank

Dual 70 Gallon Tanks w/ Bright Stainless on Fairing Covers
Equiflow Fuel System (dual suction & return lines) with additional fuel return & supply port

Chassis Specifications

The chassis shall be a Freightliner with a 344 in. wheelbase.

120" Conventional Cab
Front Tow Hooks – Frame-Mounted
Aerodynamic Bumper

Vehicle Weight Rating

Front GAWR	16,000 lbs.
Rear GAWR	23,000 lbs.
Gross Vehicle Weight Rating (GVWR)	39,600 lbs.

Frame Rail

7/16"x 3-11/16"x 11-1/8" Steel, 120,000 PSI Rail,
RBM. 1/4" Inner frame reinforcement 1,893,000 lb/in.

Front Axle

Make:	Meritor (Rockwell) FG-941
Capacity:	16,000 lbs.

Rear Axle

Make:	Meritor RS-23-160
Capacity:	23,000 lbs.
Drive Ratio w/diff.	3.58 : 1

Mudflaps with anti-sail brackets on rear axle

Suspension

Front: 16,000# Taperleaf

Rear: 23,000# Airliner
Suspension Dump Valve
Driver controlled traction differential.

Tires

295/80R22.5 Michelins
Front XZA1 LR"H" (16ply) Rear XZE LR"G" (14ply)
22.5x8.25 Rear
22.5x9 Front

Wheels

Polished Aluminum HP 10 Disc Wheels.

Trailer Hitch & Tow Points

The vehicle shall be equipped with a Trailer Hitch with the following MINIMUM requirements:

- Receiver rated at 10,000 lbs.
1000 lb. maximum vertical tongue weight.

Cab Equipment and Instrumentation

Freightliner Gauge Cluster w/ Fully equipped 10-gauge pkg.

- Dual Rear Axle Temperature Gauge
- Electrical Engine Coolant Temperature Gauge

All Aluminum Cab structure framing for driver and passenger
Forward Roof-Mounted Console w/ locking cabinet doors L & R
Dual Axis Mirrors

Dual Air Ride Swivel Seats

Tinted Dual Power Windows

Air suspension dump valve: w/ dash light

18" black, leather steering wheel, air operated, tilt & telescopic.

TRW TAS-85 Power Steering.

Standard Bumper

Air horn- single 14" Grover round, mounted under left hand cab deck.

Pyrometer, axle temp, trans.temp.,

Brake application.

Power door locks

1-piece molded fiberglass hood & fenders.

Single round halogen headlights.

Heater and defroster w/ air conditioner and re-circulation switch.

Delco AM/FM/CD

Cup Holders R & L

Door Activated Cab and Step Lights
Driver & Passenger Sun Visors
Cruise Control-Electronic Engine, with switches on Auxiliary Gauge Panel

Body Specifications

Dimensions:

Overall Length	40' 8"(Including Ladder)
Overall Width, Slides In	8'6"
Overall Width, Slides Out	14'0"
Overall Height (future use))	13'2" (with Satellite antennas installed, 1.2 Meter Cobham)
Headroom	80"

Corrosion/Rust Resistant Body

Body shall be 5/8" FRP composite construction color white.
Body shall be constructed entirely of "rust proof" materials to insure long service life.
Body construction shall maximize smooth surfaces and Stainless Steel corners.
Structural members shall be 2 x 2 steel frames built on chassis

Roof and sidewalls shall have a minimum R8 insulation factor.

Floor shall be a "super sandwich" design with integral galvanized vapor barrier.
Powder-coated compartment frames with #304 Stainless Steel doors with #8 finish
All joints and seams shall be sealed and weather-proofed.

Drip moldings shall be provided above entry doors where required

Walls: Sound absorbing material to be installed on all walls. (Color to be determined by Baker County)

Entry Doors: Curbside Entry door to will be located directly aft of forward slide-out.
Curbside entry door will include combination deadbolt lock. Step well will be covered with non-skid material. Heavy-duty assist handle shall be mounted on the exterior of the unit next to the entrance door. Entry Door will have tinted window.

Compartment Doors: Exterior storage compartments shall be top-hinged gas piston stays and have interior lights. All compartment doors to be keyed alike. Exterior of door is 304 Grade Stainless Steel with #8 Finish. All compartments are to be water tight and constructed of single-unit design, powder coated steel.

From top of compartment doors down, the finish will be polished stainless steel.

Undercoating: Factory Installed, full chassis

Mirrors: Remote Operated, Heated, Bus style

Insulation: Unit will have factory installed Arctic Insulation Package approximately 2” thick of polystyrene foam.

Communications Platform

Unit shall have custom designed and custom-built diamond plate platform running the full length of the roof, both sides, for antenna access. This raised aluminum platform will be engineered to work with requested components, grounded to the chassis. Top of platform is to be hinged with cable-management system underneath and all roof top components wiring to be placed in cable management. This platform will be designed and built for future addition of 1.2 Meter Cobham VSAT unit and WillBurt Nightscan Lighting system.

The transition from the cab to body shall be open to allow personnel access from cab into the body area. A privacy shade shall be installed in the area to separate the cab from the body if desired.

Slide-Out Rooms

Two (2) slide-out rooms are provided. The two Conference/Operations area slide-outs will be approx 11'-0” (Interior) long and contain countertops, file cabinets and overhead cabinets. These items will be specified at initial design meeting. The two forward slide-outs will extend 35”. Each slide-out should include an awning cover in order to keep debris or ice from entering the mechanism. Slide-out rooms will include a cable management system to protect all electrical, Cat-6, and coaxial cable feeds to workstations. No interior protrusions of cable management system will be allowed. Bungee cord type wiring harness strictly forbidden.

Slide-out rooms will increase the overall width of the unit to approximately 14’ when open.

All Slide-out rooms shall be driven by Electric Linear Actuators designed for smooth quiet operation and proper gear/motor ratios for long term durability.

Entry Door

There will be one curb-side entry door, mid-section.

Leveling System

A 4-point hydraulic automatic leveling system shall be provided. The system shall also have the capability to be used in the manual mode (one jack at a time - Hydraulically). The control panel for the jack system will be located in the headliner above the driver's side window.

Electrical

The unit shall be equipped with one (1) onboard 20-KW Quiet Diesel generator.

Vehicle shall be equipped with an electrical surge suppression system.

Two (2) 50' 240 VAC 50 Amp shore power cords with weather proof fittings shall be provided and shipped loose with the vehicle.

There shall be two (2) 240 VAC 50 Amp weather proof, stainless steel, shore power input fittings installed on the rear of the coach.

All 120 VAC wiring shall be copper and shall be a minimum of 12 AWG. 12 VDC circuit wiring shall be sized for each individual circuit. All 12 VDC circuits shall be a minimum #12 AWG. The emergency LED warning lights shall have a minimum wire gauge of #14 AWG.

Two (2) Quad GFCI outlets shall be installed externally on the vehicle, one on each side, within the storage bunkers.

Batteries

There shall be two (2) battery groups on the coach. One set for chassis and one set for interior operations. The interior operations batteries shall be deep cycle marine batteries.

Interior Operations Batteries are to be mounted on a slide-tray that allows ease of serviceability and allows for any overflow or spillage from cells to be contained in tray. Batteries will be secured.

Each battery system should be isolated and have its own disconnect switch. A momentary contact switch, located on the dash, will be installed. This will allow for both battery systems to be connected in the event of an emergency.

Electrical

Major Components:

1. Single 20-KW Quiet-Diesel powered, water-cooled Generator
2. Shore Power Input Fittings and Cords
3. Automatic Transfer Switches
4. Custom designed Breaker Panels

Function:

The 240 VAC 60 Hz electrical system shall be powered from the on board generator or shore power input cord.

The generator is fueled from the chassis fuel tanks. The fuel pick-up tube for the generator is raised above the chassis engine fuel pick up tube thus allowing the generator to run out of fuel first.

The 240 VAC 60 Hz Electric power produced by the generator is wired to automatic power transfer switch located in the belly compartments. The automatic transfer switch senses which power is available (Generator or Shore Power) and aligns that power to the circuit breaker panel. Power from the generator has priority.

Power is wired from the transfer switches to the bus bars of the circuit breaker panel. The circuit breaker distributes 120-VAC electrical power to the various branch circuits of the coach.

Interior Wiring Specifications

All wiring shall be routed in such a manner as to permit easy access into raceways and conduit to facilitate maintenance and troubleshooting should it be necessary. All cable shall be routed and installed so as to prevent EMI.

All wiring to include AC, DC and coaxial shall be run in a manner where there shall be no splices between devices and be labeled on device and source end and shall be documented on master wiring diagram to be provided to Baker County Fleet Services.

All wiring, to include connectors, terminal, and lug devices shall be in accordance with NEC and will meet all appropriate, applicable electrical codes and recognized industry standards.

All AC and DC electrical devices shall be of minimum specification to UL, Underwriters Laboratory recommendations

Where wire passes through sheet metal, bulkheads, and structural supports, plastic grommets shall be utilized to protect wiring and wiring looms.

All wiring shall be supported with trimmed nylon ties or industry standard equivalent.

Safety

Front cab area can be isolated

Rear Vision: Rear view camera at driver's position

Leveling Jacks: Hydraulic Operated

120 volt GFI Protected Circuits on exterior

Carbon Monoxide Detector

Smoke Alarm

Back-up alarm

Three Surface Mounted Fire Extinguishers

Hitch area assistance lighting

Heating/Air Conditioning

Three 15,000 Btu Roof Mounted Air Conditioners.

Three (3) Wall-mounted electric heaters shall be provided as shown in drawing.

Ladder

A heavy-duty, custom designed aluminum ladder shall be mounted on the rear of the coach. A local illuminating light shall be installed for night operations. Ladder will interact with roof-mounted platform and have anti-skid stepping

Awning (Manual)

A 12' manual awning will be installed on the curbside, just behind the slide-out room of the vehicle and provide cover for the entry door.

Convenience

The Vehicle shall include the following:

- Microwave Oven
- Coffee Maker (Black & Decker under-counter)
- Refrigerator, 4.3 cubic feet, AC
- A vertical handrail shall be provided on interior step-well wall.

These items to be installed and integrated as per vehicle drawing.

COMMUNICATION SYSTEMS

Overview

The technical specifications for the communications equipment installed will be addressed in this section. Baker County Sheriff's Office will provide Builder with the land mobile transceivers as well as any specialized devices and equipment in accordance with the Baker County Communications Officer.

Builder shall be responsible for professional installation of all communications devices, in accordance with manufacturer's installation guidelines as well as following guidance from NFPA, NEC, DOT, and all other code or recommendations associated with Public Safety communications.

Detailed requirements for individual dispatch spaces and rack will follow in additional sections of this specification.

General requirements stated herein shall be adhered to for all communications and telecommunications devices, and its ancillary equipment.

Baker County Communications Section will designate location of Communications equipment.

WORKSTATION SPECIFICATIONS

Builder shall provide four (4) WS Modules, defined as two RJ-45 DATA, one for data and one for phone, and 120-VAC within the forward conference table. There will be four (4) additional WS-Modules located in the forward Conference/Operations area, which will allow for two (2) in each slide-out, and connections for one (1) VGA (HD-15), one (1) RJ45 for a Hitachi Starboard (future use), and one (1) RJ-45 for a Pelco Camera Controller (future use). Two (2) WS-Modules will be located in the rear Dispatch/Operations area. 120-VAC will be accessible at all work stations.

Workstations will be configured with file cabinets and printer station as specified on drawing.

CENTRAL ELECTRONICS CLOSET

The Central Electronics Closet will be constructed as to provide access, control, and serviceability of all satellite, telecommunications, and audio-visual equipment utilized on the vehicle.

The room housing the equipment shall have a swing door installed in order to provide a secure environment for equipment. This room shall be the focal point of the rack-mounted equipment needed for the on-board local area network, communications, and audio-visual modules.

The central equipment rack, 74" high, 19" wide, 20" deep, 40U (74 in.) shall be located on the forward side of the Central Electronics Closet and shall include transceivers, LAN equipment, Audio-Video Systems and/or other equipment as specified by Baker County Sheriff's Office.

Builder will supply and install (1) rack-mounted 3000-Watt Uninterruptible Power System (UPS), to supply 120- VAC electrical power to the LAN, Satellite systems, and audio-visual modules and the associated electronic equipment.

Builder will install rack-mounted circulation fans into communications module area to support equipment loads from all equipment in location to include local area network and telephone.

All workstation wiring specifications and professional installation practices shall be utilized in the layout and construction of the communications modules as well as all Builder specific installation recommendations for provided products.

Satellite Network and Broadband Capability

The network will be configured to interface with onboard installed equipment as well as Baker County Sheriff's Office supplied 1.2 Meter Cobham VSAT System. Builder will install the SO's VSAT unit.

TELEPHONES, FAX MACHINE, COPIERS AND PRINTERS

Printer

Builder is to provide an HP Color Office-jet All-in-One Multi-function unit that provides printing, copying, scanning, and faxing (when connected to landline) capabilities for the unit, with network connectivity, which shall be installed at counter top level, in the curb-side slide-out

Telephone System

The Baker County SO MEOC Vehicle is to be equipped with a Vo/IP System consisting of a Satellite based broadband system, Satellite Modem, Cisco 2821 Integrated Router, and Cisco IP phones.

A SO supplied Cobham Satellite Antenna and buc are to be roof mounted and deployed with a Push-Button auto deploy, auto track controller mounted in the Communications rack.

A Customer Supplied Satellite Modem (type and model TBD) is to be installed in the Communication Rack and will provide the interface between the satellite system provider and Command / Communication Vehicle network.

A Cisco 2821 Router is to be installed in the Communications Rack and contains the following features:

1. FXS cards for eight (8) outside telephone lines – two (2) cards four (4) lines each
2. WAP card for wireless access
3. 3G card for cellular back up
4. 48 port (POE) switch
5. Integrated call processing

Twelve (12) Cisco VoIP phones shall be installed, One (1) at each work station and two (2) for external use, at the command vehicle.

The Vo/IP phones have the following features:

1. Two (2) Ethernet LAN RJ-45 Connections
2. Menu driven user interface
3. Speaker phone
4. Call Hold
5. Call Waiting
6. Call Timer
7. Pixel Based Display: 128x64 monochrome LCD Graphical Display
8. Dedicated Illuminated buttons: Audio Mute On/Off
9. Headset On/Off
10. Four (4) Soft Key Buttons
11. Settings Button for access to Feature, Set-up, and Configuration Menus

The Curbside compartment adjacent to the entry door includes:

- Four CAT-6 connections to the electronics bay patch panel. All are wired to the 568A cabling standard and terminated on RJ-45 jacks and can support both telephone and data network feeds into as well as away from the vehicle.
- RCA panel mount connection output positions feed from the video matrix rack. (Video, Left and Right Audio.)
- Two (2) additional Telephone handsets for external operations.
- A 120Volt AC 20Amp Quad GFCI outlet.

The electronics room of the vehicle is located mid ship with one (1) Middle Atlantic 72" high standard electronics rack. Additionally, the electronics room houses the AC Power Distribution panel, DC Power fuse and distribution panels as may be required by Baker County Sheriff's Office.

The Electronics rack will house:

- A 3000KVA Pure Sine Wave on-line UPS.
- 48-Port POE (Power over Ethernet) Switch
- Knox Video 8 X 8 active matrix switch,
- DVD Player/Recorder with VHF Tuner for local television reception.
- A Series of Panduit Patch Panels with Color Coded Mini-com RJ-45 jacks.

- Additional hardware as rack space allows per customer contract.
- Radio and communications hardware as specified and detailed in the customer contract.
- Ventilation Fans.

AUDIO-VIDEO SYSTEM

The audio-video module shall utilize a method of configuration as to allow all available audio-video inputs and outputs to be routed through a smart audio-video router for viewing at any monitor device.

Builder shall provide integration for all the audio-visual components as listed in these specifications unless stated otherwise. The Baker County Sheriff's Office requires a seamless, manageable configuration to be designed as to provide the most benefit for Command, Control, and Communication Operations.

Builder shall provide one (1) LG 37" wall mount LED color monitor located as shown on drawing. This will be mounted in the forward Conference/Operations area street-side slide-out.

Builder shall provide, integrate and install four (4) LG 23" wall mount color LED-TV monitors with quick release mount brackets, to be located as shown on drawing.

Two (2) of these monitors will be mounted above the driver transition area in the forward Conference/Operations area, and two (2) are to be mounted in the rear Dispatch/Operations area above WS-7 and WS-8.

Builder shall provide one (1) LG Digital, (or equivalent) DVD Recorder/Player to be mounted in the Audio-Visual Module rack of the Central Electronics Room.

Builder shall provide for integration of rack-mounted KNOX Technologies, modular audio-video routing switcher. The size matrix of switch shall be 8 X 8.

Builder will provide and install Digital Antenna unit for local Digital Channels.

Builder will provide fully automatic DSS Television Antenna to include triple LNB and one DSS receiver to be rack-mounted and integrated into the Video Matrix.

INTERIOR FEATURES

The unit shall include installed cabinets overhead. All Cabinet facings are done in “Whiteboard” material. Cabinets will be all aluminum construction with positive locking mechanisms.

All Metal File Cabinets will be located within workstations at specific locations desired by agency. All counter tops are Wilsonart or hi-pressure laminate with solid oak beveled top edge.

Fluorescent lights shall run from front to rear of the unit each side of the centerline of the ceiling.

Incandescent “aircraft style” lighting will be installed in ceiling of front slide-out rooms for Dispatch/Communications workstations. Workstation lighting shall have dual lens covers, one (1) clear lens and one (1) red lens for night vision operations. (Fluorescent lighting is not OSHA recommended for uses with close proximity to laptops) Both the Command and Communications Section shall have several 12-volt DC lights to provide satisfactory lighting in each area when the vehicle has no AC available.

EXTERIOR FEATURES

Unit shall include custom Baker County Sheriff’s Office graphics on sides, front and rear.

Unit will have basement storage compartments.

Unit shall include retractable awning with quartz lighting for night operations. Lighting will be surface mounted quartz. In addition, two recessed mount 150-watt scene quartz lights, one per side.

The unit will be equipped with two 300-watt Focus Quartz-Halogen extension lights (one on each rear corner) for scene lighting.

Communications Platform for Antenna Mounting

An aluminum platform with hinged access shall be mounted atop the roof and run the full vehicle length providing two (2) inches of clearance above the actual roof to facilitate the running of antenna cables and satellite feed cables. The platform shall be secured to the roof with aluminum braces on each side. The platform shall have a “*ram’s*” horn located above equipment closet for routing of coaxial cable and power cable to roof top components.

EMERGENCY WARNING DEVICES AND LIGHTING

Emergency lighting shall be controlled through Whelen power supplies and switch network and include the following:

Whelen Siren/PA with an external Mount Siren Speaker

Fourteen (14) Whelen series 600-LED flashers (2)-front, (5)- each side, and (2)-rear will be installed and integrated into Whelen switches. The switch for these lights shall be mounted in the driver's compartment power control center.

WARRANTIES

Chassis: Freightliner Standard

Engine: Freightliner Standard

Body: Three years structure

Roof: Three years

Appliances: One year

Generator: Manufacturer's Standard

Communications Components: Manufacturers standard (i.e. Motorola etc...)

Workmanship by Builder: 1 year parts and labor, includes custom interior due to normal wear, installation of EIA racks and wiring.

TRAINING

The contractor shall supply 8 hours of training/indoctrination to be performed at the offices designated by Baker County Sheriff's Office.

DOCUMENTATION

Builder shall provide complete set of vehicle documentation to include all wiring schematics, custom configuration layouts, as well as all others.

Partnership

Affiant further says that the Joint Venture only: following is a complete and accurate list of the names and addresses of the members of said partnership or joint venture:

Name Address

Affiant further says that said partnership or joint venture is represented by the following resident agents in the City and County of _____:

Corporation only:

Affiant further says that the following is a complete and accurate list of the officers and directors of said corporation:

Directors:

President	_____	_____
Vice President	_____	_____
Vice President	_____	_____
Secretary	_____	_____
Treasurer	_____	_____
Local Manager or Agent	_____	_____

and that the following officers are duly authorized to execute agreements of this nature on behalf of said corporation:

Affiant further says that the Proposal filed herewith is not made in the interest of or on behalf of any undisclosed person, partnership, company, association, organization or corporation, that such proposal is genuine and not collusive or sham, that said contractor has not put in a sham bid, and has not directly, induced or solicited any other contractor to put in a sham bid, and has not directly or indirectly, colluded, conspired, connived or agreed with any contractor of anyone

else to put in a sham bid, or that anyone shall refrain from submitting a proposal, that said contractor has not in any manner, directly or indirectly, sought an agreement, communication or conference with anyone to fix the proposal price of said contractor or of any other contractor, or to fix any overhead, profit, or cost element of such proposal price or that of any other contractor, or to secure any advantage against the Alachua County Sheriff's Office or anyone interested in the proposed contract that all statements contained in such proposal are true, that said contractor has not directly or indirectly, submitted his proposal price or any breakdown thereof or the contents thereof, or divulged information or data relative thereto to any other person, firm or corporation.

Affiant further says that it has not in the past and will not in the future pay or agree to pay, directly, or indirectly, any money or other valuable consideration for assistance or aid rendered or to be rendered in procuring or attempting to procure for itself the contract above referred to, to any corporation, partnership, company, association, organization, or to any member or agent therefore or to any individual, except bona fide employees of contractor or bona fide established commercial business or professional agents hired by the contractor for the purpose of securing advice and information about making its proposal.

Further Affiant saith naught

SIGNED: By _____

Title _____

STATE OF FLORIDA
COUNTY OF ALACHUA

Sworn to before me and subscribed in my presence this _____ day of _____, 2011, A.D.
by _____
who is personally known to me or who has produced _____
as identification.

Notary Public

QUESTIONNAIRE

1. How many years has your company successfully operated the type of service requested? _____

2. Will you subcontract any part of this work? If so, give details:

3. Have you or your company ever had a governmental contract terminated or canceled prior to the expiration of such contract? If so, give details:

4. Do you currently provide a similar service for any other governmental agency? If so, give agency name and contact person for that agency:

5. Give the name of your responsible agent and a telephone number where that person can be reached during business hours:

6. What is the warranty period _____

USE ADDITIONAL SHEETS, IF NECESSARY, TO ANSWER ANY OF THE ABOVE QUESTIONS.

Company Name

BID SHEET

The undersigned, as contractor, hereby certifies that he/she has read and understands pages 1-29 of the Request for Bid for one (1) Mobile Emergency Operations Center and therefore submits the following bid:

1. \$ _____

ADDITIONAL COST OR SERVICE \$ _____

INFORMATION: _____

(use additional sheets of paper if necessary)

DELIVERY OF MOBILE EMERGENCY COMMAND CENTER WILL

BE: _____

Signature: _____

Title: _____

Printed Name and Title

Company Name

Phone Number

Address

City

State