

## INVITATION TO BID

The Mineral County Commission, Keyser, West Virginia, is soliciting bids from qualified vendors to purchase a mobile medical health center for the Mineral County Health Department.

Sealed bids will be accepted until **Thursday, April 13, 2023, at 4:00 P.M.** Bids will be opened publicly and read aloud, on April 14, 2023, at 1:00 P.M. at the Mineral County Health Department (address below). Bids should be submitted to:

Andrew J. Root, R.S.  
Administrator  
Mineral County Health Department  
541 Harley O Stagers Dr STE 1  
Keyser, WV 26726-8203

Bids may be delivered in person, by carrier, or by mail. It is the sole responsibility of the vendor to see that his/her bid is received in proper time. No late bids will be considered.

Bids should be submitted in a sealed envelope clearly marked "Mobile Unit Bid" with the name of the bidder and with the date and time of the bid opening. The bid will be awarded to the lowest bidder.

Specifications and bid documents are available at the following website:  
<https://www.regioneight.org/requests-for-bids>

Attention is directed to the fact that the Commission will undertake the project with State and Federal funds. The selected firm will be required to comply with Title VI of the Civil Rights Act of 1964, Executive Order 11246, Section 109 of the Housing and Urban Development Act of 1974, Conflict of Interest Statement and Access to records provisions and all other requirements as related to federally funded projects.

The Commission will afford full opportunity for minority/disadvantaged business enterprises to submit a show of interest in response to this invitation and will not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, or national origin. Contractors also are prohibited from discriminating against applicants or employees because they inquire about, discuss, or disclose their compensation or that of others, subject to certain limitations.





## **BID OPENING DATE**

Bid opening will occur on Friday, April 14<sup>th</sup>, 2023, at the Mineral County Health Department located at 541 Harley O. Staggers Drive, Suite 1, Keyser, WV 26726 at 1:00 P.M. Late submissions will not be considered.

## **SCOPE OF YOUR RESPONSE**

Respondents are advised that bids are solicited to specifications of a product or its comparable equivalent. Bidders are hereby notified that responses must be in writing, with firm prices or allowances clearly stated for the whole of your proposal.

## **THE RIGHT OF THE DEPARTMENT TO AWARD OR REJECT ANY AND ALL RESPONSES**

The Department reserves the exclusive right to reject, for any reason at its sole discretion, the response of any bidder. Attention is directed to the fact that the Mineral County Commission will undertake the project with State and Federal funds. The selected firm will be required to comply with Title VI of the Civil Rights Act of 1964, Executive Order 11246, Section 109 of the Housing and Urban Development Act of 1974, Section 3 of the Housing and Urban Development Act of 1968, Conflict of Interest Statement and Access to records provisions and all other requirements as related to federally funded projects. The Mineral County Commission will afford full opportunity for minority/disadvantaged business enterprises to submit a show of interest in response to this invitation and will not discriminate against any interested firm or individual on the grounds of race, creed, color, sex, age, handicap or national origin in the contract award.

Mineral County Commission  
Mineral County Health Department  
Mobile Unit  
Request for Bid

**Purpose**

The purpose of this Request for Bids is to provide all labor, material, and anything incidental to the acquisition of a new mobile medical health vehicle. The award will be made to the overall bid that complies with the specifications and agency needs.

**Background**

The Mineral County Health Department is a public health agency located in the Eastern Panhandle of West Virginia. The department is committed to the ongoing core functions of public health; assessment of the community's health needs and resources, policy development to address the health needs of the community, and assurance that the health needs of the community will be met. The department is a county health department and is governed by the Mineral County Commission.

The end goal is to implement mobile medical unit services within the county by extending primary care access, health screenings, and education to those with limited access to health services, including minorities, low-income individuals and families, underserved, and rural communities.

**Intent**

The intent of the Request for Bid is to provide the Mineral County Health Department with a new and customized, mobile medical vehicle. The foregoing specifications are to be considered nominal and approximate. Minor deviations from the stated specifications are acceptable to facilitate a competitive bid atmosphere provided the intent of the Request for Bid or the vehicle is not compromised.

The mobile medical vehicle will be used to provide primary care, public health and educational services. The vehicle will be operated 2-3 days and week and will be parked in a garage. Community members will board the vehicle for services. The vehicle will also be used at health fairs and other health promotion events.

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Brand specified or the equivalent

Item	Qty	
1.00		<p><b><u>CHASSIS/BODY DIMENSIONS:</u></b>            22' walk-in van</p> <ul style="list-style-type: none"> <li>• Wheelbase of chassis: 208"</li> <li>• Overall length of apparatus: 377"</li> <li>• Overall apparatus width, rub rail to rub rail: 99"</li> <li>• Overall height of apparatus (loaded): 134"</li> <li>• Interior walkway height raw body: 83"</li> <li>• Interior walkway height finished: 81.5"</li> <li>• Interior walkway length: 264"</li> <li>• Interior raw body width: 96"</li> <li>• Interior finished body width: 87"</li> </ul> <p>Final measurements are dependent on body builder, chassis components, axles, tires, frame, suspension, and roof-mounted equipment.</p>
2.00		<p><b><u>CHASSIS:</u></b></p>
2.01	1	<p>Freightliner MT-55G forward control gas chassis. 23,000-lb. GVWR with spring rear suspension and hydraulic brakes.</p> <p><b><u>ENGINE:</u></b></p> <ul style="list-style-type: none"> <li>• TQS V8-308 6.0L 308 HP @ 4400 RPM, 4600 GOV RPM, 367 LB/FT @ 4400 RPM</li> </ul> <p><b><u>ENGINE EQUIPMENT:</u></b></p> <ul style="list-style-type: none"> <li>• Frontal air intake</li> <li>• Air cleaner mounted on rail</li> <li>• 145 amp alternator</li> <li>• (1) Alliance 931 group 31 12 volt battery</li> <li>• Horizontal tailpipe, exit RH aft of rear tires</li> <li>• Antifreeze to ethylene glycol pre-mixed 50/50 coolant</li> <li>• Rubber coolant hoses</li> <li>• No block heater</li> </ul> <p><b><u>TRANSMISSION:</u></b></p> <ul style="list-style-type: none"> <li>• Allison 2200 HS automatic transmission with park pawl with PTO provision</li> </ul> <p><b><u>TRANSMISSION EQUIPMENT:</u></b></p> <ul style="list-style-type: none"> <li>• Water to oil transmission cooler</li> <li>• Synthetic transmission fluid (TES-295 compliant)</li> </ul> <p><b><u>FRONT AXLE AND EQUIPMENT:</u></b></p> <ul style="list-style-type: none"> <li>• 8,000# drop single front axle</li> <li>• WEMC hydraulic 4-piston fixed caliper disc front brakes</li> <li>• Front grease seal</li> <li>• TRW TAS-55 power steering</li> </ul> <p><b><u>FRONT SUSPENSION:</u></b></p> <ul style="list-style-type: none"> <li>• 8,000# taperleaf front suspension</li> <li>• Maintenance free rubber bushings - front suspension</li> <li>• No front sway bar</li> <li>• Front shock absorbers</li> </ul> <p><b><u>REAR AXLE AND EQUIPMENT:</u></b></p>

Item	Qty	
		<ul style="list-style-type: none"> <li>• 15,000# single rear axle</li> <li>• 5.71 rear axle ratio</li> <li>• SPL70 Dana Spicer main driveline with half round yokes</li> <li>• Transmission and rear axle driveline guard</li> <li>• Organic SAE 80/90 rear axle lube</li> <li>• WEMC hydraulic 4-piston fixed caliper disc rear brakes</li> <li>• Rear oil seals</li> </ul> <p><b><u>REAR SUSPENSION:</u></b></p> <ul style="list-style-type: none"> <li>• 15,000# taperleaf spring rear suspension with radius leaf</li> <li>• Rear shock absorbers</li> </ul> <p><b><u>BRAKE SYSTEM:</u></b></p> <ul style="list-style-type: none"> <li>• Hydraulic brake package</li> <li>• Wabco hydraulic 4S/4M without traction control</li> </ul> <p><b><u>FUEL TANKS:</u></b></p> <ul style="list-style-type: none"> <li>• 40 gal / 151 liter rectangular steel fuel tank - between rails</li> </ul> <p><b><u>TIRES:</u></b></p> <ul style="list-style-type: none"> <li>• Goodyear Endurance RSA 245/75R22.5 14 ply radial front tires</li> <li>• Goodyear G622 RSD 245/75R22.5 14 ply radial rear tires</li> </ul> <p><b><u>HUBS:</u></b></p> <ul style="list-style-type: none"> <li>• WEMC iron rear hubs painted black</li> </ul> <p><b><u>WHEELS:</u></b></p> <ul style="list-style-type: none"> <li>• ALCOA 87340X 22.5X7.50 8-hub pilot 5.44 inset aluminum disc front wheels</li> <li>• ALCOA 87340X 22.5X7.50 8-hub pilot aluminum disc rear wheels</li> </ul> <p><b><u>CAB INTERIOR:</u></b></p> <ul style="list-style-type: none"> <li>• DENSO HD A/C compressor</li> <li>• Auto self-reset circuit breakers and fuses</li> <li>• Tilt steering column</li> </ul> <p><b><u>INSTRUMENTS &amp; CONTROLS:</u></b></p> <ul style="list-style-type: none"> <li>• Driver message center with LCD display, 24 warning lamps, data linked, AMI</li> <li>• Electric fuel gauge &amp; low fuel indicator lamp</li> <li>• Electric speedometer</li> <li>• Electronic 6000 rpm tachometer</li> <li>• Electric engine oil pressure gauge w/ warning lamp &amp; alarm</li> <li>• Electric engine coolant temperature gauge w/ warning lamp &amp; alarm</li> <li>• Automatic transmission oil temperature gauge w/ warning lamp &amp; alarm</li> <li>• Engine hour meter, integral to message center LCD</li> <li>• 97 dB backup alarm</li> <li>• Cruise control switches</li> <li>• Wagner 7212 turn signal flasher</li> </ul> <p>Note: Chassis specifications are from Freightliner Custom Chassis and are subject to change without notice.</p>
2.02	1	Federal Signal Back-up alarm model 210331.

Item	Qty	
2.03	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.
3.00		<b><u>BODY:</u></b>
3.01	1	<p><b>22' CUSTOM BODY SPECIFICATIONS</b></p> <ul style="list-style-type: none"> <li>• Length: 22'</li> <li>• Width: 99" (96" Inside to Inside of Sides)</li> <li>• Height: 85" Floor to Bottom of Roof Bows</li> </ul> <p><b>CAB DOORS</b></p> <ul style="list-style-type: none"> <li>• Hinged "Sedan Style" Driver's and Passenger Side Doors with Sliding Window</li> <li>• Two Point Rotary Latch Hardware, Locking</li> <li>• Interior Grab Handle Installed to Assist in Closing Doors</li> <li>• Door Skin Is Chemically Bonded to Frame Structure</li> <li>• Continuous Stainless Steel Piano Hinge</li> </ul> <p><b>CAB FEATURES</b></p> <ul style="list-style-type: none"> <li>• LDV Cab Acoustical Insulation Package Zones</li> <li>• Cab Heat &amp; A/C with Cab Air Filter</li> <li>• Dual 12V Power Points and USB Power Point On Dash</li> </ul> <p><b>REAR STRUCTURE</b></p> <ul style="list-style-type: none"> <li>• Single 32" Hinged Rear Door</li> <li>• Two Point Rotary Latch Hardware, Locking</li> <li>• Continuous Stainless Steel Piano Hinge</li> </ul> <p><b>SEATING</b></p> <ul style="list-style-type: none"> <li>• Driver's Seat Magnum 200 Mechanical Suspension With Arm Rests</li> <li>• Jump Seat Retainers In Passenger Step Well</li> </ul> <p><b>REAR BUMPER</b></p> <ul style="list-style-type: none"> <li>• Aluminum Construction</li> <li>• 10" Grip Strut Surface (12" Overall Depth)</li> <li>• Width Of Rear Bumper To Be .25" Narrower Than Width Of Side Panels</li> <li>• Bottom of Bumper Flush with Rear Taper</li> </ul> <p><b>ROOF</b></p> <ul style="list-style-type: none"> <li>• .040" Aluminum Skin Roof Assembly</li> <li>• 1.5" Extruded Aluminum Modified H-Profile Roof Bows on 24" Centers</li> </ul> <p><b>CARGO SIDE WALLS</b></p> <ul style="list-style-type: none"> <li>• .102" Aluminum Upper and Lower Side Walls</li> <li>• 2.25" "Modified-H" Profile Wall Stiffeners Riveted on 24" Centers</li> </ul> <p><b>EXTERIOR BODY OPTIONS</b></p> <ul style="list-style-type: none"> <li>• LDV Custom Molded Lift up Hood</li> <li>• Chrome Front Bumper</li> <li>• Automotive Style Headlight Assemblies with Integrated Parks and Turns</li> </ul> <p><b>EXTERIOR LIGHTING</b></p> <ul style="list-style-type: none"> <li>• Clearance and Marker Lights LED Model 33</li> </ul> <p><b>MIRRORS</b></p> <ul style="list-style-type: none"> <li>• Velvac EuroMax Series Chrome Heated Remote Mirror Assemblies</li> </ul> <p><b>OTHER</b></p>



Item	Qty	
		<ul style="list-style-type: none"> <li>• Standard structural warranty of 5 years or 50,000 miles and standard component warranty of 12 months or 12,000 miles.</li> <li>• 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.</li> </ul> <p>Note: Specifications are from body manufacturer and are subject to change without notice.</p>
3.02	1	Wheelchair access door (min 46" width). Door shall have continuous stainless-steel piano hinge, two (2) nylon door straps and an aluminum drip rail.
3.03	1	Lift-wheelchair Braun Millennium w/30" x 51" platform with the following features: <ul style="list-style-type: none"> <li>• 31"W x 42"L platform (up to 56" L optional)</li> <li>• HD electric-hydraulic system w/800# capacity</li> <li>• 4" automatic roll stop</li> <li>• Durable powder coat finish</li> <li>• Back-up pump</li> <li>• Remote control</li> </ul>
3.04	1	Sedan door with fixed window and stepwell. Door shall have continuous stainless-steel piano hinge, two (2) nylon door straps and an aluminum drip rail.
3.05	2	Custom fabricated door holder, manually operated to hold door in fixed open position, with swivel base. <b>NOTE:</b> Locate (1) at curb side middle door and (1) at curb side wheelchair door.
3.06	4	Exterior heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed at entry door. <b>NOTE:</b> Locate (1) at each entry door.
3.07	1	Interior heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed at entry door. <b>NOTE:</b> Locate at curb side middle door.
3.08	3	Automatic LED courtesy light at entry door. <b>NOTE:</b> Locate (1) at each entry door.
3.09	1	Lippert Treadlite 30" wide - single - automatic electric steel entry step mounted under entry door. Product features: <ul style="list-style-type: none"> <li>• Automatic LED ground light</li> <li>• Hold/Cycle switch that allows step to remain extended unless ignition is turned on.</li> </ul> <b>NOTE:</b> Locate (1) at curb side middle door.
3.10	1	Flip-down aluminum step on rear bumper with Diamondback step surface and stainless-steel rails and bolt on mounts. Step shall have slots in rails for securing step in stow and down position.

Item	Qty	
3.11	1	Maxxima LED Round combination stop/tail, turn and reverse lights.
3.12	1	Cast Products LP0013-1 aluminum license plate holder with LED light.
3.13	1	Entire underside shall be undercoated. Includes chassis, floor extrusions, step wells and aluminum compartments.
3.14	1	LDV rear mud flaps. Includes anti-sail brackets when required.
4.00		<b><u>PAINT / GRAPHICS:</u></b>
4.01		Body base color shall be white.
5.00		<b><u>INDEPENDENCE ONYX INTERIOR:</u></b> <ul style="list-style-type: none"> <li>• Wall Covering: #66 Silver Smooth FRP</li> <li>• Ceiling Fabric: Silver Mist</li> <li>• Floor Covering: #150 Onyx PVC Flooring</li> <li>• Stools: Black</li> <li>• Exam Tables: Feather gray or Sapphire blue</li> <li>• Vinyl Coverings: #WH1-2140 Whisper Black</li> <li>• Cabinets: Charcoal Gray Textured Powder Coated Aluminum</li> <li>• Counters and Tables: #4880-38 Carbon Mesh Laminate</li> </ul> Note: Manufacturer reserves the right to substitute equivalent materials.
6.00		<b><u>DRIVER / PASSENGER CAB AREA:</u></b>
6.01	1	Walk-in van custom cab area finishing. <ul style="list-style-type: none"> <li>• Cover cab doors with aluminum panels powder coated black.</li> <li>• Heavy-duty rubber grab handle on each door.</li> <li>• Panels covered with vinyl or fabric above driver and passenger doors.</li> <li>• Vehicle height sign on dash.</li> <li>• Insulated black rubber mat in driver and passenger toe plate area.</li> <li>• Insulate walls in kick plate area and install black carpeted panels.</li> <li>• 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</li> <li>• Payload sticker in cab area with vehicle axle load ratings and available axle payload as built.</li> </ul>
6.02	1	Work area on passenger side covered with laminate to match rear countertops and trimmed with vinyl T-molding.
6.03	1	Custom fabricated console to house electrical distribution components and control panels shall be located in the overhead console above the windshield. The entire console shall be constructed of 3/4" plywood. The face shall be finished with laminate the bottom shall be covered with vinyl.
6.04	1	Red/Clear LED dome light with 3-position switch, red/off/white.
6.05	1	Color back up camera system with 7" LCD monitor and day/night camera. Camera includes a microphone for audio commands from a spotter to the driver during backing operations. <b>NOTE:</b> Monitor to be mounted near center of the windshield.
6.06	1	AM/FM stereo with Bluetooth and one (1) pair of 6" x 9" speakers. <b>NOTE:</b> Located in cab area.

Item	Qty	
7.00		<b><u>WALLS, CEILING AND FLOOR:</u></b>
7.01		Install wood furring strips on interior body side posts and roof supports to provide space for the installation of insulation, conduit and electrical boxes.
7.02		Insulate walls with a minimum of 2-1/2" of fiberglass insulation. Cover interior body side posts with 1/2" plywood sub wall.
7.03		Cover sub wall with smooth finish Kemlite 0.075" fiberglass reinforced plastic (FRP) lining. Wall covering shall be a continuous piece front to back, no seams acceptable.
7.04		Insulate ceiling with a minimum of 2-1/2" of fiberglass with an R-11 rating. Cover interior roof supports with 1/2" plywood.
7.05		Cover sub ceiling with Silver Mist headliner material.
7.06		Floor underlayment to be 5/8" exterior grade tongue and groove structural plywood, 6 ply, face veneer plugged and sanded.
7.07		Lonseal Loncoin II Flecks non-skid commercial grade PVC flooring. The flooring shall be continuous, one piece full length, full width, no seams.
7.08		Vinyl cove molding (mop board) at base of wall, 2-1/2" high. Installed where required.
7.09	3	30" FRP covered pocket door installed on heavy-duty aluminum track with two (2) four-wheel roller trucks. Pocket door shall have recessed handles and a latch to keep the door closed.
7.10		All bulkheads shall be covered with Kemlite 0.075" FRP. Trim exposed edges of bulkheads with rounded anodized aluminum trim where applicable.
7.11	3	Cover load space door with powder coated aluminum panel with heavy-duty rubber grab handle. <b>NOTE:</b> Interior window covering will be a mini blind where required.
8.00		<b><u>GALLEY / LAVATORY:</u></b>
8.01	1	Laveo DryFlush Chemical Free Odorless Portable Lightweight Electric Waterless Toilet. Refill changes are simple with double bagging technology. Includes: • (1) Liner and refill, each refill provides 17 flushes • (1) 120Vac adapter • (1) 120Vac receptacle for power connection
8.02	1	Laveo Dry flush refill cartridges (3) Pack. <b>NOTE:</b> Shipped loose.
8.03	1	Pressurized Water System. Includes: • One (1) 10" round stainless-steel lavatory sink with chrome plated sink hardware. • Two (2) Stainless steel exam room sink with chrome plated sink hardware. • One (1) chrome plated paper towel holder and one (1) chrome plated toilet paper holder in lavatory. • Fresh water/waste tank level monitor in front exam room. • Aqua Jet model #5503-AV15-B636 (or current model) 5.3 GPM water pump with accumulator tank. • 2.5-gallon electric water heater. • One (1) 25-gallon fresh water supply and one (1) 30-gallon waste tank.

Item	Qty	
		<ul style="list-style-type: none"> <li>• Plumbing pressure pipes shall be PEX tubing.</li> <li>• Underbody fresh water and grey water tanks are to be heated and all plumbing insulated and wrapped with heat tape.</li> <li>• Sewage hose and dump valve shall be provided for holding tank.</li> <li>• Regulated city water fill so that system can be pressurized using city water when available.</li> <li>• Winterizing valve mounted in line on the input side of the water pump. Valve allows antifreeze to be pumped throughout the system to winterize plumbing.</li> </ul>
8.04	1	24" stainless steel grab handle with brushed center and bright polished ends. <b>NOTE:</b> Installed in bathroom to assist patients.
8.05	4	Wastebasket with hold-down bracket. <b>NOTE:</b> Locations: One (1) in each exam room, one (1) at check-in desk, and one (1) in the lavatory.
8.06	1	Bobrick B-165 18" x 24" one-piece channel frame mirror with bright polished finish. <b>NOTE:</b> Located in lavatory
8.07	2	Bobrick B-262 satin-finish stainless steel paper towel holder. <b>NOTE:</b> Locate (1) in each exam room.
8.08	2	Bobrick B-4112 satin-finish stainless steel soap dispenser. <b>NOTE:</b> Locate (1) in each exam room.
9.00		<b><u>SEATING:</u></b>
9.01	1	Install passenger jump seat with 2-point seat belt.
9.02		Fabricate and install fixed bench seating with removable cushions as shown on drawing. Bench seat cushions shall be covered in heavy-duty vinyl.
9.03		<b><u>BENCH SEAT REQUIREMENTS:</u></b> <ul style="list-style-type: none"> <li>• Foam for seat backs and bottoms shall be firm density.</li> <li>• All bench seating material must meet Federal Motor Vehicle Safety Standards part 571.302 Flammability of Interior Materials.</li> <li>• Material corners shall be squared or angled to fit precise cut of foam.</li> <li>• Foam shall be bonded to plywood backer with industrial grade adhesive.</li> <li>• Attachment of fabric/vinyl to backer shall utilize industrial grade upholstery staples.</li> </ul>
10.00		<b><u>CABINETS:</u></b>
10.01		Custom fabricated aluminum cabinets located as shown on drawing. Cabinet specifications: <ul style="list-style-type: none"> <li>• Base cabinets constructed of 0.080" powder coated aluminum with anodized aluminum frames.</li> <li>• Base cabinet doors are double shell, formed from a single sheet of 0.080" aluminum, with a 0.040" aluminum door back attached.</li> <li>• Overhead cabinets constructed of 0.064" powder coated aluminum with anodized aluminum frames.</li> <li>• Overhead cabinet doors are double shell, formed from a single sheet of 0.064" aluminum,</li> </ul>

Item	Qty	
		with a 0.040" aluminum door back attached. • Overhead cabinet doors swing up and gas spring lift supports.
10.02		Radius edging incorporated as design permits.
10.03	2	Gas spring lift supports on overhead cabinet door.
10.04	2	Key lock on overhead cabinet door.
10.05		Countertops shall be covered in 0.040" Wilsonart laminate. All exposed edges shall be covered with heavy duty flexible PVC T-molding.
11.00		<b><u>HVAC SYSTEM:</u></b>
11.01	1	Fan-tastic Vent model 1450 3-speed reversible 12" power roof ventilator.
11.02	3	Low profile rooftop air conditioner with wall mounted thermostat. Includes: • 13,500 nominal Btu/hr air conditioner with condensate pump. • Ceiling assembly with 6,000 Btu/hr heat strip • Wall mounted thermostat
11.03	2	Broan model 174 wall mount 5,120 Btu/hr electric heater. <b>NOTE:</b> (1) per room
11.04	1	Broan model 112 kick space mount 5,120 Btu/hr electric heater. Located as shown on drawing.
12.00		<b><u>AC ELECTRICAL SYSTEM:</u></b>
12.01	1	Wrico 15-kW 120/240Vac liquid-cooled gasoline generator, installed in a custom fabricated compartment. Generator features: • Prime Power (100% output 24/7 at up to 70°F and 500ft elevation) • USTC Certified Manufacturer • 3 year/2000 hour Warranty with nationwide service network • Sound reduction enclosure • Four point mounting system • Four-cycle water cooled gasoline engine • Radiator cooled, direct mounted and protected enclosure • High-coolant temp and low oil pressure shutdown sensors • Spin-on oil filter and in-line fuel filter • Single side and bottom service Compartment shall be constructed to the following specifications: • Compartment shall be constructed from 0.187" aluminum with all welded seams. • Compartment shall have 0.125" aluminum 2" box pan doors and 0.125" aluminum frames. • Door frames shall be riveted to the body and welded to the compartments. • Doors shall have stainless steel hinges attached to the doors and door frames with stainless machine screws. • Doors shall have slam latches and flush mounted handles. • Doors shall have 0.100" aluminum treadplate panels on interior surfaces. • Doors shall be held open in a 90° position with gas charged lift/support cylinders. • Doors shall be sealed with industrial grade neoprene gasket. <b>NOTE:</b> Generator exhaust shall be routed to the street side of the vehicle.

Item	Qty	
12.02	1	ACData surge suppressor for protection of entire AC power system. Product features: <ul style="list-style-type: none"> <li>• UL listed: UL1449 3rd Edition</li> <li>• LED visual verification of status</li> </ul>
12.03	1	60A-120/240Vac and 12Vdc combined electrical control panel with the following features: <ul style="list-style-type: none"> <li>• Generator and shore power main breakers</li> <li>• Six (6) AC UL listed magnetic/hydraulic branch circuit breakers with LED indicators</li> <li>• Six (6) DC UL listed magnetic/hydraulic circuit breakers with LED indicators</li> <li>• Digital AC meters: voltage, amperage</li> <li>• Digital DC voltmeter</li> <li>• Generator stop/start switch, generator hour meter</li> </ul>
12.04	1	Marinco 50A-125/250Vac shore power package including: <ul style="list-style-type: none"> <li>• Waterproof shore power inlet with cap</li> <li>• 50-ft. 50A-125/250Vac shore power cord</li> <li>• 6-ft. 50A-125/250Vac pigtail</li> </ul>
12.05	2	20A-125Vac duplex receptacle. Receptacle is not dedicated to any installed equipment. <b>NOTE:</b> Locate (1) at front exam table and (1) at rear exam table. Towards floor
12.06	2	20A-125Vac duplex receptacle. <b>NOTE:</b> Prewire for wall mount Welch Allyn kit. One per room near exam bed
12.07	2	20A-125Vac duplex receptacle. <b>NOTE:</b> Prewire for medical refrigerator. Streetside behind driver
12.08	4	20A-125Vac duplex receptacle with dual USB charging ports. Receptacle is not dedicated to any installed equipment. <b>NOTE:</b> Locate (1) at front shelf, (1) at curb side check desk, (1) at front street side counter, and (1) at rear street side counter.
12.09	2	20A-125Vac GFCI duplex receptacle. These receptacles are not dedicated to any installed equipment. <b>NOTE:</b> Locate (1) at front street side counter and (1) at rear street side counter.
12.10	1	20A-125Vac exterior GFCI duplex receptacle. <b>NOTE:</b> Locate (1) curb side between front and middle doors below awning. Receptacle will be installed with a weatherproof cover.
12.11	1	<b><u>120/240VAC HEALTH CARE GRADE WIRING REQUIREMENTS:</u></b> <ul style="list-style-type: none"> <li>• All 120/240Vac main wiring shall be stranded THHN wire and run in non-metallic Carlon Carflex liquid tight conduit.</li> <li>• All branch circuit wiring in patient care areas shall be armored THHN wire (12 AWG minimum) with redundant ground (type HCF) in accordance with NEC® Articles 517 and 330.</li> </ul>

Item	Qty	
		<ul style="list-style-type: none"> <li>• AC branch circuit wiring in non-patient care areas shall be stranded THHN wire (12 AWG minimum) and run in non-metallic Carlon Carflex liquid tight and Carlon Flex-Plus blue ENT conduit.</li> <li>• All electrical circuits and appliances shall conform to applicable health care and national electrical codes.</li> </ul>
13.00		<b><u>DC ELECTRICAL SYSTEM:</u></b>
13.01		<ul style="list-style-type: none"> <li>• Two (2) Lead acid deep-cycle 6Vdc batteries. Batteries shall be installed underbody in slide out weather resistant aluminum compartment. Compartment shall have box pan door with slam latch, flush mount handle, key lock and Kwikkee heavy-duty slide assembly. The batteries will be separated from the chassis batteries for auxiliary equipment (2.2 hours of capacity @ 75-amp discharge rate). Battery data assumes a usable voltage range of 13.6 to 10.5 volts.</li> <li>• Two (2) electronic converter/chargers, 60 amp minimum output each. Converter/charger features: <ul style="list-style-type: none"> <li>• Charges three banks of batteries at the same time.</li> <li>• UL listed for safety.</li> <li>• Manual reset circuit breaker.</li> <li>• Reverse battery protection.</li> <li>• Electronic current limiting.</li> <li>• High voltage protection.</li> </ul> </li> <li>• One (1) master disconnect switch to control the auxiliary battery systems.</li> <li>• 12Vdc auxiliary panels with UL listed magnetic/hydraulic circuit breakers as required.</li> </ul>
13.02	1	Battery combiner automatically combines the battery banks during charging and isolates when no charging sensed on either bank. A three position control switch allows an operator to manually combine or separate batteries, to jump start engine or troubleshoot a failure.
13.03	20	Light, Orion 6" LED, neutral white with polished bezel.
13.04	3	Whelen C9 Series SurfaceMax LED Scene Light. 12VDC with chrome flange, model number C9SL. <b>NOTE:</b> Locate (1) curb side entry door, (1) curb side wheelchair door, and (1) street side.
13.05		<b><u>12VDC WIRING REQUIREMENTS:</u></b> <ul style="list-style-type: none"> <li>• 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.</li> <li>• All added electrical branch circuits shall be protected from over-current by resettable circuit breakers appropriately rated for the load. Only circuit breakers shall be used in the installation of added electrical branch circuit wiring (plug type fuses are unacceptable).</li> <li>• Circuit breaker functions shall be identified by engraved or printed labels.</li> <li>• All added wiring for load runs of AWG 10, 12, 14, and 18, shall conform to MIL-W-16878/2 and/or UL1007/1569"</li> <li>• All added wiring for load runs of AWG 8, shall conform to MIL-W-16878/3 and/or UL1028</li> <li>• 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.</li> </ul>

Item	Qty	
		<ul style="list-style-type: none"> <li>• All wiring shall be numbered or lettered on 6" centers minimum.</li> <li>• Wiring shall be protected from chafing and abrasion with convoluted polyethylene tubing (wire loom) as required.</li> <li>• Where wire passes through sheet metal, bulkheads and structural supports, plastic grommets shall be used to protect both wiring and wire looms.</li> <li>• All wire bundles shall be tied with trimmed nylon ties.</li> <li>• Extreme care shall be exercised to provide for easy serviceability of the system in future years.</li> <li>• 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.</li> <li>• A high-current 12Vdc system wiring schematic shall be provided.</li> <li>• These are the minimum acceptable 12Vdc wiring requirements.</li> </ul>
14.00		<b><u>MEDICAL EQUIPMENT:</u></b>
14.01	2	<p>Medical Exam Table with following features:</p> <ul style="list-style-type: none"> <li>• Weight capacity of 500 lbs</li> <li>• Side drawers allow left or right access</li> <li>• Adjustable ergonomic stirrups</li> <li>• Pneumatic backrest for patient positioning</li> <li>• Leg extension</li> <li>• Easy to clean, seamless upholstery</li> </ul>
14.02	1	<p>Recessed Specimen Pass-Thru Cabinet provides a convenient passage for specimen collection from patient area to laboratory.</p>
14.03	2	<p>Perch Polyurethane Stool 18-26" PLLF2 (or current model) with Hard Floor Casters.</p> <ul style="list-style-type: none"> <li>• Seat: Self-sealing polyurethane seat. 13.5" diameter top with a 2" thick seating surface.</li> <li>• Adjustment system: A 360° "All-Around" pneumatic height adjustment lever that allows you to quickly adjust the pneumatic stool height from anywhere you reach under the seat.</li> <li>• Base: Durable 5-leg 21" diameter fiberglass reinforced nylon base with hooded dual wheel casters.</li> </ul> <p>Secured to the wall.</p> <p><b>NOTE:</b> Locate (1) in each exam room.</p>
15.00		<b><u>COMPUTER NETWORK AND EQUIPMENT:</u></b>
15.01	4	<p>RJ-45 Cat6 computer network jack with Cat6 cable routed through Carlon Flex-Plus ENT conduit or raceway (as applicable).</p> <p><b>NOTE:</b> (1) exam room #1, (1) exam room #2, (1) at check in desk and (1) at passenger from seat.</p>
15.02	1	<p>Cable Certification Report confirming that network wiring complies with Cat6 specifications.</p>
15.03	1	<p>Prewire and make installation provisions for customer owned 4G wireless router with single modem. Includes two (2) roof mounted NMO antenna base with rain caps.</p> <p>Note: Roof mounted antennas, service contract, activation and configuration not included.</p>



Item	Qty	
16.00		<b><u>EXTERIOR STORAGE COMPARTMENTS:</u></b>
16.01	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. <b>NOTE:</b> Approximate interior dimensions 15" high x up to 24" wide x 25" deep, with flip down door.
16.02		Compartments listed above will be constructed to the following specifications: <ul style="list-style-type: none"> <li>• Sweep out type bottoms with 1/2" drain holes.</li> <li>• 2" box pan doors and door frames fabricated from 0.125" aluminum.</li> <li>• Door frames shall be riveted to the body and welded to the compartments.</li> <li>• Compartments shall have an LED light that illuminates when the door is opened.</li> </ul> Compartment doors will be constructed to the following specifications: <ul style="list-style-type: none"> <li>• Stainless steel hinges attached with stainless machine screws.</li> <li>• Slam latches and flush mounted handles.</li> <li>• 0.100" bright polished aluminum diamond plate on interior surfaces fastened with stainless hardware.</li> <li>• All doors shall be sealed with industrial grade neoprene gasket.</li> </ul>
17.00		<b><u>MISCELLANEOUS OTHER:</u></b>
17.01	1	Heavy-duty Quadra Mfg. Bigfoot® four point fully automatic one-touch leveling system. Includes: <ul style="list-style-type: none"> <li>• Four (4) QEII-24 jacks with 17,000-lb. capacity each, 24" long with 18" stroke</li> <li>• Fully automatic control panel with manual feature</li> <li>• Safety interlock when jacks are deployed</li> </ul>
17.02	2	5 pound dry chemical fire extinguisher.
17.03	3	Battery powered combination Carbon Monoxide and Smoke alarm.
17.04	1	Complete manual set, including the following (as applicable): <ul style="list-style-type: none"> <li>• As-built specifications with interior and exterior drawings as used for production of the vehicle.</li> <li>• Chassis and body owner's manuals.</li> <li>• 12Vdc and 120Vac legends showing wire gauge, color, number and function.</li> <li>• 12Vdc high current wiring diagram illustrating the battery system, isolators, power converters, alternator, disconnect switches and control panels.</li> <li>• Roof top antenna placement drawing and legend identifying antenna placements and termination points.</li> <li>• Audio/Video cabling diagram.</li> <li>• Warranty and Return Authorization procedures.</li> <li>• Chassis and generator maintenance and service logs.</li> <li>• Battery maintenance information.</li> <li>• All individual component manuals and warranty registration cards as provided by component manufacturers. Customer is responsible for completing warranty cards and mailing them to manufacturers.</li> </ul>
17.05	1	TRAINING ONLY. Company representative will provide up to four (4) hours of orientation on provided systems, as applicable: Generator start up and shut down procedure Leveling system operation AC and DC electrical systems operation

Item	Qty	
17.06		HVAC systems operation Company warranty of one (1) year/12,000 miles, whichever comes first, for manufacturer's defects in materials and workmanship.