

**Request for Quotations  
from the-Hamilton County Board of County Commissioners  
for the Construction of a Mobile Medical Unit**

This request for proposal (RFP) is issued by the Board of County Commissioner's in Hamilton County, [hereafter, "*the BOCC*"] located in Jasper, Florida.

**FOR INFORMATION ON THIS PROCUREMENT**

Your contact for information on this RFP is Mr. Louie Goodin, County Administrator, who may be contacted during normal business hours at or by email at (386) 792-6639 or by email at [lgoodin@hamiltoncountyfl.com](mailto:lgoodin@hamiltoncountyfl.com).

**ITEM TO BE PURCHASED**

The BOCC is interested in purchasing one new 2025 model vehicle for use as a mobile health center. The newly manufactured van will be brought to Jasper, Florida by the successful bidder. Final inspection and acceptance will be by BOCC personnel upon said delivery. The BOCC is interested in viewing your vehicle specifications, and the closeness of their conformance to our established specifications herein, and our mobile health program objectives. Final determination for the award of this contract belongs exclusively to the BOCC. The BOCC reserves the right to waive defects in responses that it deems immaterial.

**PRICE & PAYMENT TERMS**

Place your price quotation for the new model mobile unit in the space immediately below:

Unit price: \$ \_\_\_\_\_

State any terms that apply to the pricing:

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**RFP'S WILL BE RECEIVED AT THE CLERK OF COURT OFFICE AT 207 1<sup>ST</sup> NE ROOM 106 UNTIL 3:00PM, SEPT. 1, 2023. SUBMITTALS MUST INCLUDE SIX (6) COPIES AND SEALED.**

**RFP OPENING DATE**

September 1, 2023, at 3:05 p.m. in the BOCC office 1153 NW US Hwy 41, Jasper, FL 32052.

**Late submissions will not be considered.**

**The RFPs for the project will be ranked and considered during the September 5, 2023 regular BoCC meeting.**

**SCOPE OF YOUR RESPONSE**

Respondents are advised that RFPs are solicited on a Design-Build basis. Bidders are hereby notified that responses must be in writing, with firm prices or allowances clearly stated for the whole of your design.

**WORK TO BE PERFORMED**

Design, provide, deliver, and provide training for the operation of one new 40 ft. long mobile health unit for the BOCC. The vehicle shall include rooms, casework, desks and chairs, utility areas, storage, lavatories, lighting, insulation, and any other amenities specified in this solicitation. Items must clearly meet our specifications exactly. The completed unit shall meet all

applicable documents, publications and standards in effect at the time of manufacture. These shall include, but not limited to, all U. S. Dept. of Transportation [DOT] and Federal Motor Vehicle Safety Standards [FMVSS], requirements as applicable.

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

The BOCC reserves the exclusive right to reject, for any reason at its sole discretion, the response of any bidder.

**AWARD WILL NOT BE MADE ON PRICE ALONE**

The BOCC will award this contract based on the most responsible and responsive proposal received. Price is important, but price alone will not be the sole determination for award. The determination for award is the absolute and complete responsibility of BOCC personnel. Issues such as your conformance to the specifications contained herein, your business reputation, your experience at similar projects, your length of time in business, your financial stability, the quality of construction you propose, the details of your design, and many other factors including price will be judged by the BOCC. By signing this RFP response, you agree to the award criteria and process stated in this paragraph.

**EXPERIENCE WITH A FREIGHTLINER BRAND CAB-CHASSIS WILL COUNT IN DETERMINING THE AWARD**

As stated above, the BOCC will award this contract in part based upon your business reputation, and your experience at similar projects built on the Freightliner cab-chassis that is specified. *You must provide at least ten owners' names who are currently operating your vehicles that are built on the chassis.* By signing this RFP response, you agree to the award criteria and process stated in this paragraph.

**EXPERIENCE WITH PROFESSIONAL MEDICAL AND COMMUNICATIONS EQUIPMENT WILL COUNT IN DETERMINING THE AWARD**

As stated above, the BOCC will award this contract in part based upon your business reputation, and your experience at similar projects built utilizing the equipment that is specified. You must provide at least ten owners' names who are currently operating your vehicles that are using professional equipment that is constructed by your company.

**VEHICLE, GENERAL SPECIFICATIONS**

The van will be constructed on a new, unused 2025 or newer Freightliner model M2 106 chassis, with specifications listed below under 'Front Cabin Specifications'. On the rear of the chassis, the successful vendor will place a new, unused 30 ft. long van body (plus storage area appended to front of rear cabin), with specifications listed below under '*Rear Cabin Specifications*'. The driver cabin (front of van) and the van body (rear of van) will be separate from each other. In other words, patients in the health unit shall not be able to see any of the driver compartment from inside the rear van body. *See enclosed sketch of the specified interior.*

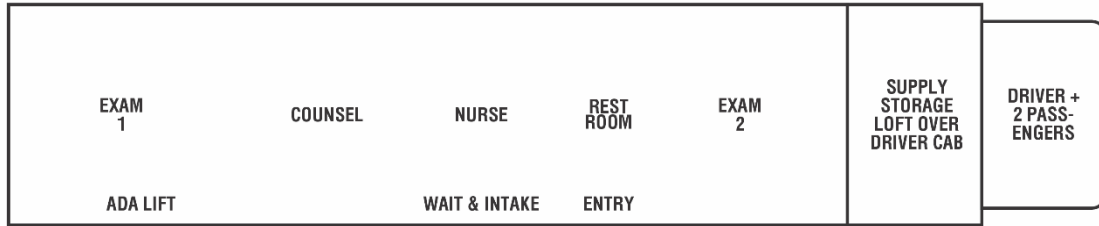
**DIMENSIONS OF THE COMPLETED VAN**

The total length of the van, including both front driver cabin and rear van body cabin, shall be nominally 40 feet, except for mirrors or other specified appurtenances to the length of the van. The width of the van shall not exceed 8½ feet, except for mirrors or other specified appurtenances on the side of the van. The overall height of the van is to be no more than 13 feet 2 inches. The interior ceiling height of the van body (rear cabin) shall be nominally 8 feet 0 inches. The interior width of the van body (rear cabin) must be a minimum of 7 feet 11½ inches, except for cabinetry specified.

**BASIC LAY OUT [FLOOR PLAN] OF THE COMPLETED VAN**

As a bidder on this design-build contract, you must provide us a detailed floor plan, including all equipment specified and placement thereof, that best presents your company and production

skills. Your drawings, which must be to scale, will be judged for their completeness, their appropriateness to our goals for the mobile unit, and their general professionalism. At a minimum, you must provide detailed scale elevations of the unit that you propose, and a completely detailed scale floor plan, including cabinets, exam equipment, etc., as outlined below. Here is a rough floor plan from which you can design your own precise floor plan for our analysis: *[not to scale]*



**SAFETY OF MATERIALS**

The vehicle must meet or exceed Federal Motor Vehicle safety standards. Bidders should submit a listing of any other safety features included with their vehicle.

**FRONT CABIN SPECIFICATIONS**

*(number preceding description is quantity to be supplied with the completed van)*

**Base model Freightliner M2 106**

*(number preceding description is quantity to be supplied with the completed van)*

*To include the following, at a minimum:*

EACH	ITEM	DETAILED DESCRIPTION, IF ANY
1	12 volt electrical	To power in-cab 12-volt appliances.
1	Air cleaner	Dry-type standard filter element
1	Air compressor	Cummins 18.7cfm for air suspension and braking systems
1	Air conditioning	With integral heater and defroster, and fresh air filter
1	Alternator	160 amp, brushless 12-volt, pad-mounted
1	Axle, front	I-beam type, 14,000 lb. capacity
1	Axle, rear	Single reduction 40,000 lb. capacity with interlock
1	Base model	Freightliner M2 106 6x4 cab to include DOT approved clearance/marker lights; standard premium interior amenities; driver and passenger seat belts; driver/passenger interior sun visors; gauge cluster in English with English electronic speedometer including odometer and standard diagnostic display.
1	Batteries	Dual maintenance-free 12-volt 2,000 cold cranking amperes total. Additional third battery for generator operations.
1	Battery, redundant switch system	Include a special switch that allows vehicle battery to start generator, or generator battery to start vehicle.
1	Block heater	1,000 watt/115 volt
1	Brake, retarder	Off/low/high compression, exhaust-type
1	Brakes, air	Antilock 4-channel cam-type anti-lock air brake system with air compressor with standard manufacturer configuration and equipment sized to vehicle GVWR, engine size, axle, and suspension.
1	Bumpers	Full width aerodynamic DOT compliant, chrome-plated steel, Rear bumper to be DOT-compliant steel.
1	Cab, conventional	106" BBC flat roof aluminum
2	Crossmembers, after-frame	At least two after-frame cross members.
1	Electrical system	12-volt standard configuration with OEM custom fuses and equipment installations.
1	Emissions	U. S. federal motor vehicle emissions requirements

EACH	ITEM	DETAILED DESCRIPTION, IF ANY
1	Engine, diesel	Cummins L-9 high torque diesel engine 330 hp @ 2,000 RPM, 1,000 lb-ft torque @ 1,400 RPM, with all auxiliary equipment required for the vehicle's GVWR, engine size, axle and suspension capacity.
1	Exhaust system	Exhaust system to be single horizontal stainless steel muffler standard to manufacturer specifications and meeting federal emissions requirements for all 50 states
1	Frame rails	Frame rails made from heat treated alloy steel (120,000 PSI yield strength); standard maximum overall length, plus any necessary frame extension for body length according to acceptable vehicle manufacturer specifications.
2	Fuel tanks	Rectangular twin tanks, aluminum, totaling 92 US gallon total capacity plus 6 gallon diesel-exhaust fluid (DEF) capacity, mounted under cab left and right sides.
1	Glass, window	All windows to have tinted glass
1	Grille and hood	Chrome finish grille, with insulation and splash panels under front tilting hood.
1	Gross Vehicle Weight Rating (GVWR)	53,000 lbs. +
2	Headlights	Headlights on with wipers, with daytime running lights
1	Horn, electric	Dual-electric
2	Mirror, power with heated heads	Dual west-coast heated mirrors with convex mirrors under primary mirrors
1	Paint	Paint is one-color solid white
1	Radiator	Aluminum radiator system, 900 sq. in.
1	Radio, driver	According to manufacturer standard.
1	Safety kit, in cab, DOT triangle, flares, and extinguisher	Kit to meet Federal Motor Carrier Safety Administration regulation 393.95 for emergency equipment on power units, including three 17 in. safety triangles and fire extinguisher in metal case.
1	Seat, driver, air suspension	Manufacturer's standard air suspension high back driver seat with 3-point lap and shoulder belt.
1	Seat, two-man passenger	Passenger seat with integral headrest, vinyl covered with fixed back, including 3-point lap and shoulder belts
1	Steering, power	Power steering with tilting steering wheel
1	Suspension, front	Suspension to be tapered leaf with 14,600-lb capacity with shock absorbers
1	Suspension, rear air ride	Dual-axle ride-optimized suspension, 40,000-lb capacity with shock absorbers
10	Tires	Ten commercial-grade tires sized front 16 ply 295/75R22.5-rear 14 ply 295/75R22.5 radial
2	Tow hooks, front	Frame-mounted tow hooks
1	Transmission, automatic	Automatic Allison 3000 HS transmission.
1	Trim, premium	Trim to include all items noted in the Freightliner Premium trim package.
1	Wheelbase	Nominal 300-inch from front hub to trunion.
6	Wheels	Wheels, aluminum (OEM), 22.5x8.25 10-hub, (steel inner)
2	Windows	Power, with power locks on left and right doors.
2	Wipers, windshield	Standard manufacturer configuration

## REAR BODY SPECIFICATIONS

Framing for the body, underbody and roof shall be constructed of steel and aluminum sections. Steel structural members shall be arc welded or riveted and reinforced at joints to fulfill the dynamic and static loading requirements specified herein. Where splices are necessary, they shall be designed to avoid stress concentration. Splice welds shall be continuous. Welding material shall be compatible with the material being welded. Structural member shall be designed to accept the loads imposed by the factors specified. Additional structural members shall be furnished to reinforce door and window openings, the expandable side room opening and other openings.

## CROSSMEMBERS

Four inch high-tensile I-beams. 80,000 PSI min. yield on 16 in. centers. Attached with four ¾ in. grade 5 cadmium plated steel bolts. Extra wide 5 in. steel end clips welded to cross members and separated by .020 thick Formica plus Mylar electrolysis barriers between cross members and aluminum lower rail.

<b>DOOR FRAMES, EXT.</b>	Exterior door frames to be made from formed 2 in. by 3 in. 1/8 in. thick aluminum tubing.
<b>FLOOR, GENERAL</b>	A composite floor system consisting of a 1 in. thick polyester-fiberglass mix, with three 5/16 in. diameter heat-treated torque head screws per 12 sq. in. including edge boards on an alternating flange.
<b>FLOOR, STORAGE</b>	A fiberglass reinforced composite floor system in the storage area with 800 lb. storage capacity. Use 54 in. galvaneal and aluminum posts welded at top and bottom, riveted to outside panels with 3/16 in. rivets.
<b>SIDE RAILS</b>	Lower rails are to be riveted with solid buck rivets on 2 in. centers into blade-style heavy duty extruded aluminum 6061-T6. Upper rails are to be riveted with solid buck rivets on 3 in. centers into blade-style heavy duty extruded aluminum 6061-T6.
<b>WALL PANELS</b>	.050 thick aluminum pre-painted white panels attached on 2 in. rivet centers at the lap using 3/16 in. solid rivets, 3/4 in. wide weather sealant closed cell PVC foam tape installed at panel laps prior to rivet attachment, in order to provide a barrier between aluminum and steel posts, plus preventing leaks in rivet hole attachments and panel lap joints. Aluminum drip rails over each exterior door, riveted on each end.
<b>SIDE POSTS</b>	Aluminum post construction with 1-1/8 inch square Z-posts on 16 inch centers. Each Z-post is fastened to top rail with three 1/4 in. diameter solid aluminum squeezed rivets and into the bottom side rail with three 1/4 in. dia. solid aluminum squeezed rivets.
<b>MUD FLAPS</b>	Polypropylene anti-sail, secured to underbody.
<b>REAR BUMPER</b>	A bend and twist resistant ICC 4 x 4 inch bumper tube, braced to upper subframe.
<b>TOP RAIL</b>	Extruded aluminum 6061-T6. Shaped to protect clearance and marker lights.
<b>ROOF BOWS</b>	Anti-s snag bows on 24 in. centers, 1 in. deep, with one extra at nose for added strength. Attached with 1/4 in. solid aluminum squeezed rivets.
<b>ROOF</b>	.040 ga. aluminum, must be one-piece, stretched for tension longitudinally and laterally and bonded to roof bows with silicone urethane compound formulated to be a high strength, elastic, carcinogen-free sealant adhesive. Perimeter of roof sheet is sealed, riveted on 1 1/2 in. centers and sealed to top rail to prevent water penetration.
<b>AIR &amp; ELECTRICAL SYSTEM</b>	Wiring and plumbing to be harnessed and routed parallel to frame rails. Provide maxi-fuse blocks for 12 volt system, with snap terminals and triple rib rubber seals to prevent corrosion. Electrical lines to be enclosed in protective sheathing section to resist damage and facilitate ease of maintenance and replacement.

**PAINT**

Body side walls are pre-painted oven-baked white enamel. Other painted surfaces are coated with premium grade, non-hardening rust preventative coating.

**LIGHTS, SIDE & REAR**

All sealed beams, recessed combination stop-tail, back-up, and directional. Marker: recessed upper front corners and upper side center for ease of maintenance.

**INTERIOR  
WALL SYSTEM**

All interior walls are to be constructed using the following method: erect min. 1 in. aluminum channel frame, into which place sheets of non-porous, 3mm thick closed-cell plastic wall covering over 5/8 in. CFC-free urethane foam inner wall, then covered in the back with another layer of 3mm thick white closed-cell plastic for added strength.

**REAR WORKING CLINIC AREA SPECIFICATIONS**

*(number preceding item description is quantity to be supplied with the completed van)*

Each	Item	Detailed Specification
1	REAR CABIN	Manufactured from aluminum or steel, not plastic. Exterior side panels are to be buck riveted to side wall structural members. No bonded or laminated fiberglass exterior wall systems are acceptable. Body framing structure shall include at a minimum the following: The street-side and curbside outermost longitudinal members at the roof level shall extend the full length of the health van and shall be utilized to join full width roof bows. Vertical members, consisting of corner and intermediate posts, shall be inserted between and employed to combine the roof structure to the bottom frame; The corner sheets shall be one-piece .035 inch steel, with 4-6 inch corners without splice, between the storage floor structure and bottom frame. The intermediate posts shall be continuous without a splice between the roof structure and the chassis frame except at the door and window opening areas. The intermediate posts shall be spaced on not more than 24-inch centers except different intervals shall be permitted at door and window areas.
1	Alarm, burglar	Intrusion alarm system with minimum two transmitters, panic mode, remote valet, silent mode, siren, visual and audio effects, visual deterrent LED, anti-nuisance circuitry, valet switch/emergency disarm, shock sensor in front driver cabin. Sensors to be installed on hood, main entry doors, generator compartment, and windows larger than 12 in. width.
1	Alarm, rear back-up	92-decibel intermittent alarm, activated in reverse gear.
1	Awning canopy on exterior	Motorized awning with remote controlled stainless steel support arms. Awning must extend in less than two minutes to at least 9 feet from side of health van. Awning must not require leading edge leg extensions. When closed, all lateral arms must retreat into weather-shielded container. Motor must be tubular type with manual override, 120 volt AC-60Hz, and thermally protected. Awning fabric to be 100 percent woven marine acrylic.

Each	Item	Detailed Specification
1	Casework	<p>All casework must be able to pass Joint Commission standards for sanitation and workmanship. Provide healthcare casework which has been manufactured, fabricated and installed to withstand the medical environment and maintain manufacturer's warranted performance without defects, damage, or failure. Each cabinet, upper and lower, must be completely interchangeable to provide either drawers or adjustable shelving, as desired by the BOCC. BOCC personnel are to select casework, and colors for cabinets, from items currently manufactured. Casework shall be metal, modular, with each unit being an individual, interchangeable, integral part of assembly for making up desired casework unit. Each sectional unit shall be rigid and depend on no other component part of complete assembly for its rigidity. Internal components such as drawers, glides, shelves, etc. shall be modular and interchangeable. Finish/Color: premium quality powder coat, baked-on epoxy; pearl grey color. Cabinet: 18 gauge cold rolled steel shell; 16 gauge cold rolled steel bottom frames. Deep drawer construction: One piece molded polystyrene drawer bodies with rounded corners; manufacturer's color coordinated with cabinet color. Slide: 88 lb. capacity and heavy duty 150 lb. capacity slide for drawer application. Pulls: Recessed and integrated front panel design, full length and optional labeling system. Door construction: Front/Back: Melamine covered vinyl front; melamine back. Core: 45 lb. MDF board, 3/4 inch thick. Hinges: Manufacturer's standard, concealed, self-closing, 110° opening, nickel plated metal. Adjustable shelving: 18 gauge cold rolled steel, painted to match cabinet color; standard reinforced nylon support clips. Door locks: individually mounted, cam style lock or deadbolt orientation with removable lock plug; locks keyed alike. Drawers: central gang lock style orientation with removable lock plug; locks keyed alike. Vertical: Melamine, suede finish. Warranty on cabinetry/casework: repair or replacement, at manufacturer's option, of the parts or the products the defects of which are reported within the applicable warranty period, which must be five (5) years for all casework products and components including door and drawer fronts, casters, and electrical components such as task lights and cords. Three (3) years for task light ballast. One (1) year for plastic laminate top surfaces and accessories.</p>
1	Ceiling, acoustical	<p>Minimum ceiling height of the acoustical ceiling is to be 7'11". No lower ceiling height will be accepted. No duct work or other equipment can intrude below 7'11". A ceiling grid system shall be suspended beneath the roof of the vehicle, constructed of a rigid grid designed for lay-in type ceiling panels having a nominal size of 24 inches x 24 inches. The grid panels shall be constructed of an acoustical vinyl textured face with a fiberglass substrate. The ceiling panel thickness shall be 5/8-inch with a minimum R-value of 2.6. The ceiling shall be supported adequately to have a hanging capacity of not less than 25 pounds on any one square foot of area. The ceiling panel color shall be white. The fiberglass channel</p>

Each	Item	Detailed Specification
		ceiling grid system shall be white. The ceiling panels shall be Class C Fired-Rated in accordance with UL.
1	Communications equipment allowance	Successful contractor will install BOCC-specified computers, router, and printer to BOCC specification up to \$5,000.
1	Communications, pre-wiring	Pre-installed raceways with Category 6 voice and data wiring products including transmission-compliant Category 6 ScTP Spec. 4485 Type MPR/CMR cable, with rip cord installed longitudinally. All wiring products must be tested to, and meet, the ANSI/TIA/EIA 568A and / or ANSI / ICEA S-90-661 and Underwriters Laboratories, Canadian Standards Association, and National Electric Code requirements for inside wiring type cables. Wire will reduce effects of EMI/RFI in hostile electromagnetic environments, suitable for 10BASE-T / 100BASE-TX and 1000BASE-T (Gigabit Ethernet) connections. It provides performance of up to 250 MHz.. Four pair 24AWG solid bare annealed copper conductors with polyolefin insulation and polyester backed aluminum foil shielding; 0.30 in. outside diameter; DC resistance 8.9 ohms/100m maximum at 20 deg. C. 48-port patch panel.
1	Computer/router provided by owner to successful awardee to install/wire	Contractor to install up to three of the BOCC's computers, routers, including wiring and peripherals. Software shall be either pre-installed on owner-supplied hardware, installed by owner after arrival of completed unit, or installed by owner (or manufacturer) at supplier's facility during the manufacturing process at owner's convenience and expense.
1	Countertops, solid surface	Counter surfaces shall be constructed from solid-surface acrylic resin composite without wood shimming. Matte or satin finish 1/4 in. thick solid surface countertop surface, with 1-3/4 in. solid surface edging, must be Class 1 (A) fire-rated, hospital-grade. Must be DuPont Corian or equal. No countertop laminates acceptable.
5	Doors, interior & exterior	EXTERIOR door to be fiberglass-clad with dead bolt lock and window. Exterior door(s) are to be 32 in. wide by 80 in. high, 1-3/4 in. thick, manufactured from fiberglass reinforced polyester (FRP). Doors that are metal or wood with FRP face sheets are strictly excluded. A high-modulus FRP square or rectangular tube subframe with tubular midrail at lock height is to be within the door. Doors shall incorporate chemically-bonded, molded-in FRP edge strips for machining of hardware mortises. No mechanical fasteners allowed. The use or inclusion of aluminum or wood into stile and rail construction is not permitted. A minimum of 900 lbs of pullout strength is required for each hinge screw. Cutout for door window (8 x 30 in.) is to be totally enclosed by internal FRP stiles and rails incorporated into subframe. INTERIOR SWING-TYPE doors to be all-metal construction. All interior doors, except accordion-type doors detailed below, shall consist of a frame, face panels and inner core. The frame shall be constructed of 0.10-inch minimum steel or aluminum with all fasteners of aluminum or stainless steel. The door shall be clad with smooth steel or aluminum face panels. The panels shall have an 18 gage (0.0478 inch) minimum thickness. The panels shall be rigidly connected and reinforced inside with vertical stiffeners. Top and bottom steel or aluminum ledger panels shall be welded to each face panel. The top and bottom



Each	Item	Detailed Specification
		<p>panels shall have a 16 gage (0.0598 inch) minimum thickness. Each door shall be insulated with a non-moisture absorbent material to meet a noise transmission class of 20db(A), or greater. The door thickness shall be 1-3/4 inches, plus or minus 1/8 inch. The body structure of the vehicle shall be reinforced at the rough opening. Each interior door, except any accordion doors, shall be mortised and reinforced with at least 12 gage (0.1046 inch) steel at the hinge areas. The interior doors shall be equipped with at least three hinges, except accordion doors. The interior door(s) shall be provided with gaskets and be tightly fitted to insure a seal against the entrance of light and dust. Privacy, entrance or passage cylindrical locksets with lever handles shall be furnished for each door, as applicable. The locksets shall comply with the applicable Americans with Disabilities Act (ADA). All door hardware shall have a satin chrome finish. Each swing door shall be primed and painted as specified. INTERIOR SLIDING door(s) must be manufactured in a manner similar to the above specification for swing-type doors.</p>
1	Electrical, healthcare wiring (NEC 517)	<p>The vehicle shall be equipped with a 120-volt, single-phase, 60-Hertz, 3-wire and a 240-volt, single-phase, 60-Hertz, 3-wire electrical system of sufficient ampacity to meet all the electrical loads imposed. The electrical system supply shall be from the on board diesel engine generator or the shore power cord. The system shall consist of the following: wiring, main distribution panel board, shore power system, branch circuits, receptacles, lighting and switches as specified herein. The vehicle shall be wired from the main distribution panel board, located in storage attic on straight-truck models, through armored cable or electrical mechanical tubing (EMT conduit). All wiring and cable conductors shall be stranded copper. Wiring shall be color-coded at junction boxes and at the main distribution panel board for identification purposes. The wiring shall be recessed within the body wall or ceiling, supported with straps, clamps and hangers having chafe-proof faces and so installed to prevent vibration. Wiring shall be of sufficient size and gauge to accept the loads imposed in operating the electrical system without loss of dielectric strength. Joints shall be threaded with connections at all lamps and junction boxes. Junction boxes shall be accessible for service and provided with junction box covers. The electrical installation and power distribution shall be in accordance with the National Electrical Code (NEC). A 120/240 volt alternating current, 3 wire, single-phase panel board shall be furnished. The panel board shall be rated for not less than 100 amperes. The panel board shall be equipped with at least 24 spaces for circuit breakers. Circuit breakers shall be of the plug-in type. The green wire and the white wire shall be separate and shall be identified. The panel board shall be equipped with main circuit breaker and bus bar, with a hinged door and flush cover. A branch circuit distribution diagram shall be furnished and affixed to the inside of the panelboard. A transfer switch or isolating safety system shall be installed to prevent an electrical overload from occurring by an accidental combination of the generator and the shore power systems.</p>

Each	Item	Detailed Specification
		The isolation system shall have distinct positions to activate either power source, and an "off" position that shall disconnect all power. Receptacles within six feet of any water source shall be of the ground fault interrupter type. The receptacles shall be UL Hospital Grade Listed. Rating-20 ampere/125 volts. Type-2 pole, 3 wire. Each receptacle shall be recessed into the wall and enclosed in a galvanized steel box. The color of the receptacles shall be white. Each receptacle shall be provided with brushed stainless steel cover plate. Receptacle location and type is at the discretion of the contractor in compliance with NEC, unless specified by owner. Owner-specific receptacle preference must be provided before construction begins.
1	Exhaust, fan in supply loft	150 cfm exhaust fan to exhaust heat and odors outside of vehicle.
1	Extinguisher, fire	Extinguisher to be ABC type, UL and ULC listed, 2¾ lb. suitable for temperature range -40°F to 120°F (-40°C to 49°C). Cylinder to be epoxy coated steel to resist corrosion, dents and punctures. Corrosion-resistant aluminum valve and handle with universal pictorial labels with operator instructions.
1	Floor mat, recessed	Slatted mat to be installed at entry door, and be recessed flush with finish floor. Mat to be removable for cleaning, with water resistant pan under mat to catch water drips and debris from visitors' footwear.
1	Flooring, acoustical sub-floor	Sub-floor must be from structural polyester foam reinforced with fiberglass, laid flat across floor beams, then bolted to I-beams under floor. Minimum compression to be 1,252 pounds per square inch (psi); shear strength at 705 psi; and flex modulus at 69,850 psi. All ASTM testing methods.
1	Flooring, hospital-grade tile flooring	Finish floor of fire retardant, tile floor covering resistant to alkali, grease, and spills.
1	Freezer, 1.8 cf-110vac	Refrigeration must be compressor-driven. No 12-volt absorption units permitted. Minimum 1.8 cu. ft. free-standing freezer with for samples must be provided. Owner to specify location. Unit must run on 110-volt power and match casework as specified above.
1	Generator, compartment	Undercarriage compartment with generator mounted on high capacity slides for easy pull out maintenance or replacement. Sound isolation and rear and underside ventilation provided. Operation capable while in transit. Rear cabin sound levels less than 60db.
1	Generator, diesel, 20 kw	A 20 kilowatt, 60 Hertz, single phase, 120/240 volt diesel generator shall be furnished. Generator to be mounted outside the rear cabin work area. Hour meter and remote start switch must be provided. The generator frame shall be mounted on a second set of approved isolators to minimize noise and vibration into the body. A remote generator control start-stop switch shall be provided in the clinic interior. At the generator will be a start/stop switch, pre-heater, and hour meter. The generator shall have an easily accessible oil drain, and be capable of being serviced from the exterior side of the compartment. The exhaust shall be ported and angled to the rear street-side away from the clinic area. Noise level with maximum load is to be 68 dBA or lower inside vehicle.

Each	Item	Detailed Specification
1	Generator, vibration reduction system	Diesel generator to be sound-proofed with completely enclosed housing and vibration-reducing system with proper ventilation. The generator enclosure shall have continuous acoustic, non-water-holding, self-extinguishing insulation installed. The door louver opening design shall allow the full amount of cooling air required by the generator without exceeding the maximum static pressure. The enclosure and door shall be dimensioned to provide full access to the generator for servicing and ventilation. Louvers shall be angled to minimize the entrance of road splash and debris. Lockable latch door shall provide access to the generator. A louvered grille with screen shall be furnished to prevent foreign objects from entering the engine.
1	Sky mural, ceiling	Owner to select custom high-resolution graphics for custom backlit and recesses skylight mural
1	Graphics, exterior	BOCC personnel to select a graphics package for up to 20 percent coverage of the exterior white painted surface of the mobile unit using 3M exterior grade vinyl. Body décor is to be rendered in a combination of premium exterior grade vinyl and/or paint. Four-color process printed vinyl is to be 3M Controltac Plus graphic film w/Comply Performance, number 180C. All printed vinyl must be coated with 3M Scotchcal luster-finish overlamine to provide outdoor graphics with protection against the elements, including UV rays. Solid color vinyl, if used, is to be vinyl film that is 2.0 mil opaque high-gloss high-performance cast film with 1.0 mil acrylic adhesive with liner of 78 lb. white bleached kraft. Some large color block areas of the design may be rendered onto the properly-prepared body sheathing in automotive paint that is a fast-drying single stage polyurethane finish designed suitable for vehicle refinishing. Various preparation chemicals, such as hardeners and dry additives, can be used to prepare and cure the paint to a gloss finish. Allowance amount is an estimate, which may vary when actual graphics package is approved by owner. Exact lettering, size and layout shall be provided to the contractor within 30 days after award of the contract.
1	Height, rear cabin inside	8 feet, 0 inches nominally
3	Hook, clothing	Provide robe hook for patient garments.
2	HVAC - air conditioning 3 ton wall or under mount	Provide a split or wall-mount HVAC system with the following features at a minimum: fully-ducted system, no rooftop air conditioners permitted. System capacity must be 70,000 BTU/h rated capacity or higher, driven by scroll-type compressors and EPA-compliant refrigerant. Anti-short cycle protection and soft-start controller must be included. Axial condenser fan required. Exterior of each HVAC unit to have gloss white powder-coated sheet metal panels. Inside ceiling must have adjustable diffusers for air supply ducts with a filtered return air supply. System must be designed to maximize infection control, air flow, and cooling. Twin five-thousand watt heating capacity must be included. System to run from 230VAC, single-phase, 60Hz power with standard on/off operation.
1	HVAC - dual HVAC cowl	Aesthetic covering of sides and center of exterior HVAC systems to expand graphics coverage on around HVAC

Each	Item	Detailed Specification
		systems. Maintains full access to HVAC units for maintenance and service.
3	HVAC – supplemental heating, diesel-fired	Exterior self-contained, diesel-fired heating units. No roof-top blower air conditioners are acceptable. Each heating unit shall have a 9,000 BTU/h rated capacity. The unit shall be designed and constructed for use in mobile vehicle operations, mounted and insulated to prevent transfer of vibration. The system shall be furnished with under-cabinet heat diffusers to provide forced air heating from floor level when necessary. The system shall be provided with a rheostat for each heating unit.
1	HVAC – UV-C light in ducts of HVAC system	The system shall be furnished with UV-C light-emitting bio-protection in the air system.
1	HVAC - undercarriage heating system	Exterior undercarriage water anti-freeze protection system if temperatures fall below 32 degrees F.
1	Insulation, rear cabin, triple foam	Insulation shall be installed to fill the cavities in the walls and ceilings. Walls shall have a R-value of not less than 20; ceilings shall have a R-value of not less than 30. All insulation shall not support combustion or sustain flame, mold, rot, support vermin, corrode metals, absorb odors, and shall be essentially odorless. The insulation shall not disintegrate under exposed operational or storage temperatures, or settle and leave voids. Means shall be provided to drain condensation to the ground but not allow road splash to enter the insulation cavities. Fiberglass batt insulation shall not be used. The product to be used is a 5/16 in. layered insulation comprised of an outer aluminum foil shielding barrier, then an inner core of closed cell poly, and a third outer layer of foil. The layers are to provide condensation, radiant and thermal barriers that excel over typical fiberglass batt or foam insulation.
1	Insulation, winterizing, underfloor	Insulation shall be installed in areas below the subfloor and below the floor of any expandable side rooms. The floor shall be undercoated with 2 to 3 in. of insulating CFC-free foam to R-15 or better. Insulation in these areas shall be spray-in-place urethane foam having a minimum thickness of 2 inches. Spray-in-place urethane foam insulation shall have a Class-A fire retardancy under ASTM test procedure E-84.
1	Landing gear, 4 pt. bi-axis, hydraulic push button	Stabilizing gear must be completely computer-controlled, with no joystick control, and able to be deployed and retracted with hydraulics, and no manual systems. Operating power shall be provided by truck engine on straight truck models and generator power on semi-trailer units. At no time will the gear allow a single leg to operate independently, but rather two legs will always operate in tandem, to avoid racking or twisting the health van. System shall not operate without parking brake applied. The system shall automatically level the vehicle through the use of a built-in leveling light display. The system shall be capable of side-to-side and fore and aft leveling that keeps the vehicle within a common plane to minimize twisting. The system shall consist of the following: four hydraulic leveling jacks, pump, 12-volt hydraulic power unit, control panel, reservoir, hydraulic hoses, valving and fittings. The control of the system shall be from a single centralized

Each	Item	Detailed Specification
		location, which is protected from the weather. The jacks shall be of the single acting type with spring return. Two jacks shall be mounted on the front of the vehicle and two jacks shall be mounted on the rear. The jacks shall be equipped with self-leveling sand pads. The jacks and components, accessories, and attachments shall withstand, without damage and deformation, the combined static and dynamic forces due to the portion of the gross weight sustained. Each jack shall be mounted to mounting plates to resist forward and reward thrust on the jacks. When placed in the travel position, the jacks shall remain positively locked. Clearance under the rear jacks shall be such that the jacks do not reduce the normal rear departure angle of the vehicle.
5	Lavatory, w/towel, soap disp, mirror	Each stainless steel lavatory must be equipped with nearby stainless steel z-fold towel and liquid soap dispenser. Mirrors in exam and rest room locations.
1	Lighting, ceiling, rear cabin, LED	LED fixtures and track lighting must be supplied in accordance with BOCC personnel's wishes. Exact placement of the fixtures is to be approved by BOCC personnel with the vendor. The lamp fixtures shall be of the commercial recessed type, mounted into the ceiling and be flush with the ceiling. The light fixtures shall be switched at an easily accessible location in each room. All fixtures shall be securely anchored to prevent loosening or damage due to excessive vibrations caused by rough transit. Light fixtures shall be provided, in such numbers, that a light intensity of 50 foot-candles minimum at 30 inches above the floor is achieved everywhere in the vehicle, except in the storage loft.
3	Lighting, exterior, scene,	Provide high intensity light at location(s) specified by owner to illuminate parking area when van is on location at night.
1	Lighting, simulated sky light, 60-inch diameter	Provide 60-inch round simulated back-lit sky scene that is fully-recessed into ceiling.
5	Lighting, task, over counter	Provide task lights at each counter top location where overhead cabinets allow. Each built-in, flush mounted, 115-volt LED task shall have a switch. A light intensity of 70 foot-candles minimum (with task light on) shall be required at each workstation.
1	Manual, operating	Full set of operating manuals for every major component on the van.
4	Photo panels	High-resolution photos decoratively mounted to the wall. Photos sealed in clear acrylic frame.
1	Radio, AM/FM/CD, w/ceiling speakers	True stereo speakers (2) in each main room of the rear cabin must have individual adjustment dials for volume control.
1	Receptacle, 110 vac, exterior	At least two 110 vac receptacles, with complete weather protection, mounted undercarriage. BOCC to specify location.
1	Refrigerator, 4.0 cf-110vac	Refrigeration must be compressor-driven. No absorption units permitted. Minimum 4.0 cu. ft. free-standing refrigerator for samples must be provided. Owner to specify location. Unit must run on 110 volt power, and match casework as specified above.
1	Rest room, incl. low flow toilet	No chemical toilets permitted. Vacuum toilet system designed for mobile applications, consisting of a vitreous china toilet, vacuum tank, vacuum pump or vacuum generator. Water consumption - 20 ounces per flush maximum. Energy

Each	Item	Detailed Specification
		consumption - 40 watts (ac) per flush maximum. Lavatory faucet, blade handles. Capacity-½ gallon per minute. Polished chrome base and water saving aerator. The ceiling ventilator and light shall exhaust to the street-side, not roof.
1	Rest room, ADA kit furnishings	Provide ADA accessories such as high-mount toilet and handicap assistance bars on walls.
1	Rooms built with interlocking panels	Interior wall construction shall be custom-formed panels sandwiched between a 14 gauge extruded aluminum. Straight walls, without curved ceiling-wall junctions, must be provided to provide specified headroom. The wall panels shall be constructed of non-porous, 3mm thick closed-cell plastic wall covering over 5/8 in. CFC-free urethane foam inner wall, then covered in the back with another layer of 3mm thick white closed-cell plastic for added strength. The wall panels shall be held in place by a two-piece (base and trim) division bar system. The wall panels must be easily removable without cutting or damaging the panel. The system shall be designed so that no rivets, screws or fasteners shall be visible. The division bars shall be oriented vertically and spaced to support cabinets, doors and windows. An aluminum channel base shall be furnished to protect the wall panels. The wall panels shall have a matte finish; a gloss finish is not acceptable.
5	Seat, chair securement system	Wall-mounted chair hold down to secure chairs when vehicle is in transit.
1	Seat, custom bench, vinyl or fabric, double	Color/upholstery choices by BOCC. Floor mounted, storage underneath. Double seat (each 34" x 12" x 31").
2	Seat, drafting	Chair to have commercial-grade vinyl padded seat, contoured back with lumbar support, pneumatic seat height adjustment, adjustable chrome footing, back height and depth adjustment, reinforced molded base, heavy-duty dual wheel casters for easy mobility.
1	Shore power cord, 50 ft.	80-ampere, single phase, main shore power cable shall be provided with 100-amp rated connectors to power all rear cabin equipment. The electrical system shall be GFCI protected at every receptacle within 6 feet of a water source. The receptacles shall be weather-resistant. The cable shall be rated SO by the National Electrical Code. The wire gauge shall provide for a rating of 80 amperes minimum. The electrical panel in the health van shall be provided with an access door, latch and key lock and sized to contain the power cable.
1	Shore power, aluminum reel & box	A rewind reel to handle live electric cable shall be equipped with four-way roller assembly, large bending radius, and non-sparking ratchet assembly to lock the reel when the desired length of cable has been played out. A 100 amp 4-conductor collector assembly with wiring from the collector ring to the junction box. Brushes to be copper graphite with copper alloy rings. A cable stop shall be used to prevent damage to rollers and connectors and to permit adjustment of free cable length.
1	Shore power protection from over-voltage	Over-voltage detection system to prevent damage to rear cabin equipment. Detects building power voltage and provides safe or unsafe signal. BOCC personnel responsible for allowing or stopping electrical service from building to rear cabin.

Each	Item	Detailed Specification
1	Smoke detector, battery	Provide battery operated DC-voltage smoke alarm so that vehicle is protected if electricity fails, provided the batteries are fresh and correctly installed. Unit to emit an 85 decibel alarm for an early warning of fire.
1	Stairs, entry, manual	Solid aluminum construction, with diamond plate stair treads with static coefficient of friction (COF) 0.70 wet and 0.80 dry. Tread surface to surpass ADA, NFPA, and OSHA requirements. No r.v. electric step systems allowed. Each stairway shall be constructed using aluminum channels and aluminum I-beam stringers to form the frame. The frame components shall be welded or bolted. The width of each stairway shall be a minimum of 33 inches. The stairway tread depth shall be 8 inches, plus or minus 1 inch. The stairway riser height shall be 8 inches, plus or minus 1 inch. The construction of the stairway shall be without riser panels. A portable step stand shall be furnished to mitigate against a non-uniform riser height between the bottom stairway step and the ground. Each step stand shall be min. 11 inches wide x 33 inches long x 3 inches (+/-1 in.) high from ground. Each step stand shall be capable of supporting 500 pounds without permanent deformation or breakage. The top of the step stand shall have a matching aluminum diamond plate surface. The weight of each step stand shall not exceed 15 pounds.
1	Stairs, handrail storage compartment	Solid aluminum construction with diamond plate door and locking system. Storage compartment to contain stair system handrail while in transit. The components of the compartment shall be welded or bolted.
1	Stairs, high-traction tread covers	Step covers are fit over existing steps. Slightly rounded for snug fit on Bull Nose leading edges of stairs. Doubles OSHA's 0.5 guideline and exceeds ADA's 0.6 measure for Coefficient of Friction values. Exceeds guidelines even in wet or oily conditions.
1	Storage compartment, undercarriage	Individual 3/16 in. thick diamond plate aluminum doors on the curbside and streetside of the vehicle shall be furnished to provide access to holding tanks and equipment. The doors shall be hinged at the top. Means shall be provided to positively retain the doors in the open position. Doors shall be provided with replaceable weather seals to protect materials stored inside from weather. Each door shall be equipped with recessed, paddle type latches and key operated locks. Latches and locks shall be stainless steel.
1	Undercoating	The entire underside of the body, including floor components, sides and panels below floor level and exterior compartments, shall be coated with fire-resistant and rust resistant material composed of asphalt, rubber, or other approved material applied by spray method.
1	Video, rear view system with in-cab monitor	High resolution 360-degree outside vision system for wide field-of-view to facilitate backing and merging into traffic. On-screen distance grid to assist driver in judging distance. Camera must function in very bright to minimal ambient light, with field of view around exterior of vehicle.
3	Wall, slide out, level floor	Each expandable side room shall extend out at least 30 inches or more. The interior height shall be 76 inches minimum. Each expandable side room shall consist of a rigidly-

Each	Item	Detailed Specification
		constructed single assembly consisting of front, rear and sidewalls, floor and roof; all integrated to form a 5-sided, self-supporting box structure. The expandable room floors shall be level with the rear cabin floor, plus or minus 1/8 inch. An automatically expanding and retracting awning shall be furnished to protect each of the expandable side rooms from rain and snow infiltration. A gasket and wiper system shall be installed to prevent rain and snow infiltration. The expansion and retraction of the expandable side room shall be by use of two systems, one by manual cranking from the exterior and the other by a hydraulic system.
1	Water heater, undercounter	Tank-type water heater. No in-line heaters.
1	Water level monitoring system	Remote readings on digital instrument pad for water levels in all tanks, in 10 percent increments.
1	Water tanks & pump, 50 gal. ea.	Potable water pump to be self-priming, thermally protected, and include check valves rated to 200 psi to prevent cycling and backflow. Pump must run dry without damage for up to 200 hours. The water tanks shall be of proper capacity listed, with all internal plumbing lines to be rigid plastic pipe suitable for drinking water. All runs shall slope to low points to facilitate draining of the system. The runs shall be made in the sub-floor area to the maximum extent possible to minimize the risk of freezing. All other runs shall be freeze protected with a thermostatically controlled heating system. All drains shall be properly vented out to the side of the health van with louvered covers over the openings. The water supply system shall be designed and constructed to assure pure drinking water conforming to the following: National Sanitation Foundation International Standard 14 for ingredients, materials, products, quality assurance, and marking, National Sanitation Foundation International Standard 61 for taste, impurities and harmful chemicals in the system components. Freeze-stabile tubing shall be furnished to conduct water throughout the system. Tubing shall be in accordance with NSF, ASTM F876 and ASTM F877. All fittings shall comply with ASTM F877 and CSA B137.5. Tubing shall withstand freezing without leaking or breaking. Tubing shall have a rated working pressure of 100 psi at 180 degrees Fahrenheit. All tubing joints shall be easily accessible for repairs through access panels. The tubing shall be installed behind the finished walls or below the sub-floor. No visible tubing in public areas shall be permitted. All other tubing runs shall be protected with a thermostatically controlled freeze protection heating system with accessible test points for each circuit. All drain pipes shall be A.B.S or P.V.C rigid plastic pipes. Drainage pipes shall be pitched for gravity flow to final disposal. All drain pipes shall be installed behind the finished walls or below the sub-floor. No visible pipes in public areas shall be permitted. Drain pipes shall be properly vented out to the side of the vehicle with louvered covers over the openings. Each plumbing fixture that has a drain shall be provided with a water trap. The water supply system shall be designed so that all contained water in the potable water holding tank and associated tubing can be drained. Drainage of the waste water shall be through a 3-



Each	Item	Detailed Specification
		inch gate type dump valve. The vehicle shall be provided with a flexible sewage hose having a 20-foot length and a 3-inch diameter. The holding tanks shall be constructed of a corrosion resistant material. All holding tanks shall be securely mounted and supported. Tank level gauges shall be provided and located in the clinic area.
1	Wheelchair lift, undercarriage	An under-floor type wheelchair lift shall be furnished. The wheelchair lift shall stow under the clinic floor, leaving the doorway into the clinic clear. The enclosure shall protect the wheelchair lift from rain, snow and dirt. The wheelchair lift shall be constructed of steel and aluminum. The useable platform width shall be 30 inches minimum. The useable platform length shall be 45 inches minimum. Lifting capacity shall be at least 700 lbs. The wheelchair lift shall be hydraulic powered using a 12-volt direct current motor. A manual hydraulic pump back-up system shall be provided in case of electrical failure. The wheelchair lift shall have dual hand rails. Safety interlocks shall be provided to prevent operation of the wheelchair lift, when the wheelchair door is closed. The wheelchair lift shall be furnished with a four button pendant control. The wheelchair lift shall comply with the Americans with Disability Act requirements.
1	Wheels, rear tire inflation extenders	Provide a 4-hose air system designed for easy access to both inner and outer dual rear wheels for checking pressure or inflating tires. Hoses to be protected by flexible braided stainless steel and mounted to valve stems and outer chrome liners. All mounting brackets to be made of 304L stainless steel.
8	Windows, safety glass	Sliding windows with screens shall be furnished in all openings except entry doors. Window assemblies shall be properly aligned with complete seals to preclude water leakage and wind noise from entering the health van. Sliding window operation shall be smooth, with a maximum force of fifteen pounds required to move the sash in either direction. Latch operation shall be smooth with positive locking latches. At least one streetside side window shall allow for emergency escape, by means of durable, heavy-duty release latches located on each side of the window and below the window centerline. The window construction shall include exterior sash drains to prevent the entrance or backup of water into the clinic area or sidewalls. Drains of sufficient size shall be incorporated at the bottom of each sash that will allow drainage of the interior condensation to the exterior of the mobile health van. Window openings shall have reinforced structural headers and vertical uprights around the perimeter to maintain structural integrity of the body. The window openings shall have reinforced structural headers and vertical uprights around the perimeter for additional strength. Each window shall be gray tinted tempered safety glass, integral gutter and water drain hole, and have a 31 percent maximum light transmission tint. Each window, except the entry door, shall have a top-mounted, pleated pull-down blind that covers the entire window.

Each	Item	Detailed Specification
7	Window, décor valance	Upholstered covers for blind mechanism add decorative element to rooms with windows (entry door window excepted). Color/upholstery choices by BOCC.

## MEDICAL EQUIPMENT SPECIFICATIONS

(number preceding item description is quantity to be supplied with the completed van)

Each	Item	Detailed Description
2	Curtain, privacy, fabric	Exam privacy curtain must be mounted on ceiling rail to sweep across room between patient and doorway. Curtain must be removable for cleaning.
1	Exam, table, general, Midmark-Ritter 204	Midmark-Ritter model 204 exam table with upholstery. Height to be nom. 33 inches. Table length with foot rest extended is to be nom. 74 inches. Patient load capacity 500 lbs. Table width: nom. 27 inches. Foot extension length: 18 inches. Paper roll storage under back section. Electrical requirements to be total unit rating 115 VAC, 60 Hz, 5 amperes, with hospital-grade duplex electrical receptacle, UL listed and CSA certified.
2	Exam table, power, Midmark-Ritter 224 barrier free	Model 224 powered exam table with upholstery. High-low table for easy access by patients, including geriatric and bariatric. Dimensions 29.7 wide x 58.7 long, with powered lift from 18 in. to 37 inches above floor. Table length with foot rest extended is to be 76.7 inches. Patient load capacity 400 lbs. Access step and stirrups included. Paper roll storage for one under the pillow with storage for 4 rolls under back section. Electrical requirements to be total unit rating 115 VAC, 60 Hz, 5 amperes, with hospital-grade duplex electrical receptacle, UL 60601-1, Can/CSA C22.2 No. 601.1-M90
2	Otoscope/ophthalmoscope, by Hill-Rom/Welch-Allyn	Wall transformer with handle-based rheostats for light-intensity adjustments; contoured; and ABS housing. Optical sensor must automatically turn handles on when removed from cradles. Internal halogen lamp to provide light output. Lifetime warranty against manufacturing defects. Coiled cords to carry 10-year warranty against breakage during normal use. Entire unit to conform to UL 544; CAN/CSA C22.2 No. 125.
1	Specimen pass-through	A stainless steel cabinet, approximately 11"w x 11"h x 4"d is to be placed between lab area and rest room. Each door must interlock the other, so that both pass-through doors cannot open at once.
2	Sphygmomanometer, w/cuff holder, Welch-Allyn	Unit to be manufactured with precision jeweled bearings; dial face individually laser-engraved white graphics on charcoal gray scale. Latex-free aneroid bellows to be phosphor-bronze with recessed dial to eliminate parallax. Must meet AAMI accuracy standard of $\pm 3$ mm Hg. Built-in basket for storage of the inflation system, with 40° side-to-side swivel for clear viewing at all angles. Include one-piece blood pressure cuff, pre-treated with antimicrobial agent to resist bacterial growth. Luer lock to permit quick interchanges among various cuff sizes.

Each	Item	Detailed Description
2	Stool, without back, pneu., MidMark 425	Hooded, silent, dual wheel casters on 5-legged exam stool for use across tile or carpet. Vinyl color coordinated to perfectly match exam table, with seat and back with foam padding and sewn-edge upholstery protected by a clear finish. Height to adjust with fixed-height rotation and collar to any height between nom. 17" to 24" (41.9 to 59.7 cm). Weight capacity 225 lbs.

**WARRANTEES, MINIMUM TO BE PROVIDED**

The vendor is to provide copy of written warrantee information. Vendor to state warranty to cover the following, at a minimum; zero deductible applies:

- |   |   |
|---|---|
| Air conditioner, cab – 2 year, unlimited miles  | Drivetrain – 3 year, 150,000 miles                      |
| Basic vehicle – 2 year, unlimited miles         | Emissions – 3 year, 150,000 miles                       |
| Body structure – 20 years, 150,000 miles        | Frame/crossmember perforation – 3 year, unlimited miles |
| Corrosion perforation – 5 year, unlimited miles | Generator – 1,000 hours, unlimited miles                |
| Diesel engine – 3 year, 150,000 miles           | Noise emissions – lifetime of the vehicle               |

Vendor must give detailed information about the locations in our area for warranty service, such as name of dealer, address, phone, etc.

**QUALITY & WORKMANSHIP**

- A. The mobile health unit shall be free from defects that may impair its serviceability or detract from appearance.
- B. All bodies, systems, equipment and interfaces with the chassis shall be done in accordance with the OEM's Body Builders Book.
- C. All components shall be new. Defective components shall not be furnished. Parts, equipment and assemblies, which have been repaired or modified to overcome deficiencies, shall not be furnished without approval of the purchaser. Component parts and units shall be manufactured to definite standard dimensions with proper fits, clearances and uniformity. Welded, bolted and riveted construction utilized shall be in accordance with the highest standards of industry. General appearance of the mobile health unit shall not show any evidence of poor workmanship.
- D. The following deficiencies shall be cause for rejection:
  - 1. Rough, sharp or unfinished edges, burrs, seams, corners, joints, cracks and dents.
  - 2. Non-uniform panels. Edges that are not radiused, beveled, etc.
  - 3. Paint runs, sags, orange peel, fish eyes, etc., and any other imperfection of lack of complete coverage of paints or coatings.
  - 4. Body panels or components that are uneven, unsealed, or contain cracks, dents or have voids.
  - 5. Misalignment of body fasteners, glass, viewing panels, light housings, other items with large or uneven gaps, spacing etc. such as door, body panels and hinges panels.
  - 6. Hoses, wiring or harness routed through panels and bulkheads without grommeting or other protective insulation, routed across components in a manner allowing chaffing to occur or routed in such a manner to be damaged by the exhaust system.
  - 7. Improper electrical connections, or loose, vibrating, or abrading components.
  - 8. Interference of chassis components, body parts, doors etc.
  - 9. Improperly supported or secured hoses, wiring harnesses, mechanical controls, etc., including interference with other components.
  - 10. Leaks of any gas, vacuum, or fluid lines (air conditioning, coolant, oil, oxygen, etc.).
  - 11. Noise, panel vibrations, etc.
  - 12. Inappropriate or incorrect use of hardware, fasteners, components, or methods of construction
  - 13. Incomplete or improper welding, riveting or bolting.

14. Lack of uniformity and symmetry where applicable.
15. Loose, vibrating, abrading body parts, components, subassemblies, hoses, wiring harnesses or trim.
16. Improper body design that could cause injury during normal use or maintenance, and which fail to provide access to perform routine or mandatory repairs or maintenance on the mobile health unit electrical and mechanical systems. In addition, the improper combination of options which by their combination and installation are inherently incompatible with regard to function or safety.
17. Sagging, non-form fitting upholstery or padding.
18. Incomplete or incorrect application of rustproofing.
19. Equipment malfunctions.
20. Inadequate welding, riveting, bolting or attachment of components.
21. Visual deformities.
22. Unsealed appurtenances or other body components, leaking gaskets etc.
23. Delamination of plastic composition materials.
24. Any deviation from specification requirements or manufacturer's standard production practice whether or not stipulated herein, that detracts from form, fit, function, durability, reliability, safety, performance or appearance.

Any deviation from specification requirements or any other item, whether or not stipulated herein, that affects form, fit, function, finish, durability, reliability, safety, performance or appearance shall be cause for rejection.

### **TRAINING**

Delivery of the finished vehicle to the BOCC, and on-site training by vendor personnel, shall be provided at vendor's expense for ½ day at delivery and ½ day in the future at a time, date, and location as agreed to by both parties. After the initial days, if further consultation is needed, vendor shall supply such consultation to the BOCC on a time and travel expense basis, without mark-up.

### **SERVICE AND MAINTENANCE FOR THE VAN**

Bidder to supply names and addresses of all authorized service agents in the greater Hamilton County, Florida area.

### **TERMS, PAYMENT**

The BOCC will analyze your payment terms for the vehicle as stated in your proposal.

### **DELIVERY TIME**

State the terms of your firm delivery schedule in your proposal.

Attachment #1 (additional information for consideration in Proposal)

NOTICE: THIS IS A FEDERALLY FUNDED PROJECT

This Project will be in strict compliance with program requirements of the Awarding Agency and of 2 CFR §§ 200.317 through 200.327, as applicable to County or to WIN as a for profit contractor. The contractor hereby certifies that they will comply with all applicable federal laws, regulations, procedures, and directives.

- (1) Remedies. Administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms and provide for such sanctions and penalties as may be appropriate. (Contracts more than the simplified acquisition threshold)
- (2) Termination for Cause and Convenience. Termination for cause and for convenience by the recipient or sub- recipient including how it will be affected and the basis for settlement. (All contracts more than \$10,000)
- (3) Not to Exceed - Contract Amendments. The Contractor shall not exceed the maximum fees, as noted in the Section titled Compensation, without a prior written request to Hamilton County, and authorization by written amendment to the Contract, including a change to the Scope of Work/Services. The written request shall include documentation and justification for such request including a detailed cost and schedule impact to the Project.
- (4) Retention of all required records. Records shall be retained for three years after recipients or sub-recipients make final payments and all other pending matters are closed.
  - (5) Access to Records.
    - a) The Contractor agrees to provide Hamilton County, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions.
    - b) The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.
  - (6) Small and minority businesses, women's business enterprises and labor surplus area firms.
    - a) Qualified small and minority businesses and women's business enterprises will be included on solicitation lists developed by the Contract Compliance Officer.
    - b) Small and minority businesses and women's business enterprises will be solicited when they are potential sources for services.
    - c) When economically feasible, total project requirements will be divided into smaller tasks or quantities to permit maximum participation by small and minority businesses and women's business enterprises.
    - d) Delivery schedules will be established that encourage participation by small and minority businesses and women's business enterprises, where requirements permit.
    - e) Services provided by organizations such as the Small Business Administration and Minority Business Development Agency of the Department of Commerce will be used, as appropriate.
    - f) Prime contractors are required to use the affirmative steps listed in items (6) (a) through (6) (e) above if subcontracts are let.
- (7) Equal Employment Opportunity. Compliance with Executive Order 11246 of September 24, 1965, entitled "Equal Employment Opportunity", as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR chapter 60).
  - During the performance of this contract, the Contractor agrees as follows:
    - a) The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

- b) The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, or national origin.
  - c) The Contractor will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the Contractor's commitments under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
  - d) The Contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, as amended and supplemented, and of the rules, regulations, and relevant orders of the Secretary of Labor.
  - e) The Contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, as amended and supplemented, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
  - f) In the event of the Contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965 as amended and supplemented, and such other sanctions as may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
  - g) The Contractor will include the portion of the sentence immediately preceding paragraph (a) of this section and the provisions of paragraphs (a) through (g) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, as amended and supplemented, so that such provisions will be binding upon each Subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, That in the event a Contractor becomes involved in, or is threatened with, litigation with a Subcontractor or vendor as a result of such direction by the administering agency the Contractor may request the United States to enter into such litigation to protect the interests of the United States."
- (8) Compliance with the Contract Work Hours and Safety Standards Act. Applicable for all contracts awarded by the non-Federal entity more than \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 USC §§ 3702 and 3704, as supplemented by Department of Labor regulations at 29 CFR Part 5.
- a) Overtime requirements. No Contractor or Subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work more than forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked more than forty hours in such workweek.
  - b) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (a) of this section the Contractor and any Subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such Contractor and subcontractor shall be liable to the United States for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$31 for each calendar day on which such individual was required or permitted to work more than the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (a) of this section.
  - c) Withholding for unpaid wages and liquidated damages. Hamilton County shall upon its own action or upon written request of an authorized representative of the Department of Labor

withhold or cause to be withheld, from any moneys payable on account of work performed by the Contractor or Subcontractor under any such contract or any other Federal contract with the same prime Contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime Contractor, such sums as may be determined to be necessary to satisfy any liabilities of such Contractor or Subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b) of this section.

d) Subcontracts. The Contractor or Subcontractor shall insert in any subcontracts the clauses set forth in paragraph (a) through (d) of this section and a clause requiring the Subcontractors to include these clauses in any lower tier subcontracts. The prime Contractor shall be responsible for compliance by any Subcontractor or lower tier Subcontractor with the clauses set forth in paragraphs (a) through (d) of this section."

(9) Byrd Anti-Lobbying Amendment, 31 U.S.C. § 1352 (as amended). Contractors who apply or bid for an award of \$100,000 or more must file the required certification. See [Exhibit C].

(10) Procurement of Recovered Materials.

a) In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA designated items unless the product cannot be acquired:

- Competitively within a timeframe providing for compliance with the contract performance schedule.
- Meeting contract performance requirements; or
  - At a reasonable price.

b) Information about this requirement is available at EPA's Comprehensive Procurement Guidelines web site, <http://www.epa.gov/cpg/>.

The list of EPA-designate items is available at <http://www.epa.gov/cpg/products.htm>.

(11) Compliance with the Clean Air Act. Applicable for contracts of amounts more than \$150,000.

a) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.

b) The Contractor agrees to report each violation to Hamilton County and understands and agrees that Hamilton County will, in turn, report each violation as required to assure notification to the State of Florida, and the appropriate Environmental Protection Agency Regional Office.

(12) Compliance with the Federal Water Pollution Control Act. Applicable for contracts of amounts more than \$150,000.

a) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.

b) The Contractor agrees to report each violation to Hamilton County and understands and agrees that Hamilton County will, in turn, report each violation as required to assure notification and the appropriate Environmental Protection Agency Regional Office.

(13) Suspension and Debarment.

a) This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the Contractor is required to verify that none of the Contractor, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).

b) The Contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters.

c) This certification is a material representation of fact relied upon by Hamilton County. If it is later determined that the Contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the State of Florida and Hamilton County, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

d) The Contractor agrees to comply (Exhibit D) with the requirements of 2C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The Contractor further agrees to include a provision requiring such compliance in its lower tier covered transactions.

(14) No Obligation by Federal Government. The Federal Government is not a party to this contract and is not subject to any obligation or liabilities to the non-Federal entity, Contractor or any other party pertaining to any matter resulting from the contract.

(15) Program Fraud and False or Fraudulent Statements or Related Acts. The Contractor acknowledges that 31 USC Chap 38 (Administrative Remedies for False Claims and Statements) applies to the Contractor's actions pertaining to the contract.

(16) Mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 USC 6201).

(17) Notice of awarding agency requirements and regulations pertaining to reporting.

(18) Notice of awarding agency requirements and regulations pertaining to patent rights with respect to any discovery or invention which arises or is developed during or under such contract.

(19) Awarding agency requirements and regulations pertaining to copyrights and rights in data.

Attachment #

CERTIFICATIONS AND REPRESENTATIONS (CONTRACT FUNDS)

1. BYRD ANTI-LOBBYING AMENDMENT COMPLIANCE AND CERTIFICATION

For all orders above the limit prescribed in FAR Section 52.203-12(g), or its successor regulation (currently \$150,000), the Offeror must complete and sign the following:

The following certification and disclosure regarding payments to influence certain federal transactions are made per the provisions contained in FAR 52.203-11 and 52.203-12 and 31 U.S.C. 1352, the "Byrd Anti-Lobbying Amendment."

(a) FAR 52.203-12, "Limitation on Payments to Influence Certain Federal Transactions" is hereby incorporated by reference into this certification

(b) The offeror, by signing its offer, hereby certifies to the best of his or her knowledge and belief that:

(1) No Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan, or cooperative agreement;

(2) If any funds other than Federal appropriated funds (including profit or fee received under a covered Federal transaction) have been paid, or will be paid, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with this solicitation, the offeror shall complete and submit, with its offer, OMB standard form LLL, Disclosure of Lobbying Activities, to the Contracting Officer; and

(3) He or she will include the language of this certification in all subcontract awards at any tier and require that all recipients of subcontract awards more than \$150,000 shall certify and disclose accordingly.

(c) This certification is a material representation of fact upon which reliance is placed when this transaction was made or entered into. Submission of this certification and disclosure is a prerequisite for making or entering this contract imposed by section 1352, title 31, United States Code. Any person making an expenditure prohibited under this provision or who fails to file or amend the disclosure form to be filed or amended by this provision, shall be subject to a civil penalty of not less than \$10,000, and not more than \$100,000, for each such failure.

2. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT, AND OTHER RESPONSIBILITY MATTERS (FIRST TIER SUBCONTRACTOR)

For all orders above the limit specified in FAR Section 52.209-G(e) (currently \$30,000) and in accordance with the requirements of FAR 52.209-6, the Offeror must complete and sign the following:

The Offeror certifies, to the best of its knowledge and belief, that—



The Offeror and/or any of its principals—

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

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

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

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

"Principals," for the purposes of this certification, means officers; directors; owners; partners; and persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment, and similar positions).

THIS CERTIFICATION CONCERNS A MATTER WITHIN THE JURISDICTION OF AN AGENCY OF THE UNITED STATES AND THE MAKING OF A FALSE, FICTITIOUS, OR FRAUDULENT CERTIFICATION MAY RENDER THE MAKER SUBJECT TO PROSECUTION UNDER SECTION 1001, TITLE 18, UNITED STATES CODE.

(CONTRACTOR NAME)

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

Hamilton County

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

End