

INVITATION TO BID	CITY OF BATON ROUGE PARISH OF EAST BATON ROUGE PURCHASING DIVISION	RESPONSES MUST BE RECEIVED BY: 09/13/16 11:00 AM CST
TITLE: MASS CASUALTY TRANSPORT BUS		RETURN BID TO: PURCHASING DIVISION
File No. 03764-16 AD DATES: 08/24 & 8/31	<u>Mailing Address:</u> PO Box 1471 Baton Rouge, LA 70821	<u>Physical Address:</u> 222 St. Louis Street 8 th Floor Room 826 Baton Rouge, LA 70802
SHIP TO ADDRESS: East Baton Rouge Parish Emergency Medical Services 3801 Harding Blvd Baton Rouge, LA 70807	Contact Regarding Inquiries: Purchasing Analyst : Arielle Williams Telephone Number: 225-389-3259 x 309 Email: apwilliams@brgov.com	
VENDOR NAME	MAILING ADDRESS	
REMIT TO ADDRESS	CITY, STATE, ZIP	
TELEPHONE NO.	FAX NO.	E-MAIL
FEDERAL TAX ID OR SOCIAL SECURITY NUMBER	TITLE	
AUTHORIZED SIGNATURE	PRINTED NAME	
<p>QUESTIONS TO BE COMPLETED BY VENDOR:</p> <ol style="list-style-type: none"> 1. _____ STATE DELIVERY DAYS MAXIMUM AFTER RECEIPT OF ORDER 2. _____ % discount for payment made within 30 days. Discount for payment made in less than 30 days, or less than 1%, or applicable to an indefinite quantity contract will be accepted but not an award consideration. 3. _____ STATE ENUMERATED ADDENDA RECEIVED (IF ANY) 		

F.O.B.: DESTINATION - PAYMENT TERMS: NET 30

ALL BLANKS ON THIS PAGE SHOULD BE COMPLETED TO AVOID REJECTION OF BID

The signature on this document certifies that bidder has carefully examined the instructions to bidders, terms and specifications applicable to, and made a part of this solicitation. By submission of this document, bidder further certifies that the prices shown are in full compliance with the conditions, terms and specifications of this solicitation.

No alterations, changes or additions are allowed on this solicitation, and no additional information, clarifications or other documents are to be included unless specifically required by the specification. Any errors in extensions of prices will be resolved in favor of unit prices submitted.

If services are to be performed in East Baton Rouge City-Parish, evidence of a current occupational license and/or permit issued by the City-Parish shall be supplied by the successful vendor, if applicable.

INSTRUCTIONS TO BIDDERS / TERMS & CONDITIONS - SEALED BIDS

Bidders are urged to promptly review the requirements of this specification and submit questions for resolution as early as possible during the bid period. Questions or concerns must be submitted in writing to the purchasing division during the bid period. Otherwise, this will be construed as acceptance by the bidders that the intent of the specifications is clear and that competitive bids may be obtained as specified herein. Protests with regard to the specification documents will not be considered after bids are opened.

1. Read the entire bid, including all terms and conditions and specifications.
2. Bids are mailed only as a courtesy. The City - Parish does not assume responsibility for failure of bidders to receive bids. Bidders should rely only on advertisements in the local newspaper, and should personally pick up bids and specifications. Full information may be obtained, or any questions answered, by contacting the Purchasing Division, 222 Saint Louis Street, 8th Floor, Room 826, Baton Rouge, LA 70802 or by calling (225) 389-3259.
3. The bid number, bidder's name, address and bid opening date should be clearly printed or typed on the outside of the bid envelope. Only one bid will be accepted from each bidder for the same job. Alternates will not be accepted unless specifically requested in the proposal. Submission of more than one bid or alternates not requested may be grounds for rejection of all bids by the bidder.
4. The method of delivery of bids is the responsibility of the bidder. All bids must be received by the Purchasing Division on or before the specified bid opening date and time. Late bids will not be considered under any circumstances.
5. Failure to deliver within the time specified in the bid will constitute a default and may cause cancellation of the contract. Where the city has determined the contractor to be in default, the city reserves right to purchase any or all products or services covered by the contract on the open market and to charge the contractor with cost in excess of the contract price. Until such assessed charges have been paid, no subsequent bid from the defaulting contractor will be considered.
6. The City Parish specifically reserves the right to evaluate bids and award items separately, grouped or on an all or none basis, to accept the bid which is in the best interest of the City parish, and to reject all proposals if that is in the best interest of the City Parish.
7. Except for bids submitted through the www.bidexpress.com on-line bidding site, bids shall be accepted only on bid forms furnished by the City of Baton Rouge and Parish of East Baton Rouge Purchasing Division. Altered or incomplete bids (including non-acknowledgement of addenda issued, if any), or the use of substitute forms or documents, shall render the bid non-responsive and subject to rejection.
8. All bids must be typed or written in ink. Any erasures, strikeover and/or changes to prices should be initialed by the bidder. Failure to initial may be cause for rejection of the bid as non-responsive.
9. All bids must be manually signed by a properly authorized party. Failure to do so shall cause the bid to be rejected as non-responsive.
10. Where one or more vendor's exact products or typical workmanship is designated as the level of quality desired or equivalent, the Purchasing Division reserves the right to determine the acceptability of any equivalent offered.
11. Detailed factory specifications, illustrative literature and any deviations should be submitted with bid as required by the specifications or on the bid form. Representative samples shall be submitted upon request, if appropriate. Bidders proposing an equivalent brand or model should submit with the bid information (such as illustrations, descriptive literature, and technical data) sufficient for the City to evaluate quality, suitability, and compliance with the specifications in the solicitation.
12. Written addenda issued prior to bid opening which modifies the bid shall become a part of the bid, and shall be incorporated within the purchase order and/or contract. Only a written interpretation or correction by Addendum shall be binding. Bidders shall not rely upon any interpretation or correction given by any other method. Failure to acknowledge receipt of addenda (if any) shall render the bid non-responsive and subject to rejection.

13. For Printing solicitations, artwork, dies and/or molds shall become the property of the City - Parish Government and must be returned to the Purchasing Division, 222 Saint Louis Street, 8th Floor, Room 826, Baton Rouge, LA 70802, upon completion of the order.
14. All applicable chemicals, herbicides, pesticides and hazardous materials must be registered for sale in Louisiana by the Department of Agriculture, State of Louisiana, registered with the EPA and must meet all requirements of Louisiana State Laws. Bidders must submit product label, material safety data sheet and EPA registry number with bid. This information will be required on any subsequent deliveries if there is a change in chemical content or a different product is being supplied. Failure to submit this data may be cause for the bid to be rejected or the contract canceled.
15. Delivery of items must be made on time to City - Parish final destinations within East Baton Rouge Parish. All freight charges shall be prepaid by vendor. Late deliveries or unsatisfactory performance may be cause to cancel the Purchase Order or contract.
16. All bidders should submit with their bid, or have on file with the Purchasing Division, a City - Parish Business Profile Data Form. The Business Profile Data Form is available at the Purchasing Department section of the City of Baton Rouge website, www.brgov.com, or by calling the Purchasing Department at 225-389-3259.
17. The State of Louisiana Code of Governmental Ethics places restrictions on awarding contracts or purchase orders to persons who are employed by any agency of the City - Parish Government, or any business of which he or his spouse has more than a twenty-five percent (25%) interest. The Code also prescribes other restrictions against conflict of interest and establishes guidelines to assure that appropriate ethical standards are followed. If any question exists regarding potential violation of the Code of Ethics, bidders should contact the Purchasing Division prior to submission of the bid. Any violation of the Code of Ethics shall be grounds for disqualification of bid or cancellation of contract.
18. All Prices bid shall remain in effect for a period of at least sixty (60) days. City - Parish purchases are excluded from state and local taxes.
19. Acceptance of award by vendor, either in writing or by shipment of any article described herein, shall effectuate a contract between City - Parish and vendor for the materials described herein, and no additional conditions or amendments shall have any effect unless approved in writing by City - Parish.
20. Bidders may attend the bid opening, but no information or opinions concerning the ultimate contract award will be given at the bid opening or during the evaluation process. Information pertaining to completed files may be secured by visiting the EBR City Parish Purchasing office during normal working hours.
21. The City - Parish is an equal opportunity employer, and does not discriminate against anyone on the basis of race, sex, creed, color, religion, national origin, ancestry, reprisal, disability, sexual orientation, marital status or political affiliation.
22. In accordance with Louisiana Revised Statutes, a preference may be allowed for equivalent products produced, manufactured or grown in Louisiana and/or firms doing business in the State of Louisiana. Do you claim this preference if allowed? YES ____ NO _____. If this preference is claimed, attach substantiating information to the proposal to show the basis for the claim.
23. **Right To Audit Clause: The Contractor shall permit the authorized representative of the City-Parish to periodically inspect and audit all data and records of the Contractor relating to his performance under this contract.**
24. Terms and Conditions: This solicitation contains all terms and conditions with respect to the purchase of the goods and/or services specified herein. Submittal of any contrary terms and conditions may cause your bid to be rejected. By signing and submitting a bid, vendor agrees that contrary terms and conditions which may be included in their bid are nullified; and agrees that this contract shall be construed in accordance with this solicitation and governed by the laws of the State of Louisiana as required by Louisiana Law.

25. In accordance with the provisions of LA. R.S. 38:2212.9, in awarding contracts after August 15, 2010, any public entity is authorized to reject the lowest bid from, or not award the contract to, a business in which any individual with an ownership interest of five percent or more has been convicted of, or has entered a plea of guilty or **Nolo Contendere** to any state felony crime or equivalent federal felony crime committed in the solicitation or execution of a contract or bid awarded under the laws governing public contracts under the provisions of Chapter 10 of this Title, professional, personal, consulting, and social services procurement under the provisions of Chapter 16 of Title 39 of the Louisiana Revised Statutes of 1950, or the Louisiana Procurement Code under the provisions of Chapter 17 of Title 39 of the Louisiana Revised Statutes of 1950.
26. Certification of no suspension or debarment. By signing and submitting any bid for \$25,000 or more, the bidder certifies that their company, any subcontractors, or principals are not suspended or debarred by the general services administration (GSA) in "Audit Requirements In subpart F of the Office of Management and Budget's uniform administrative requirements, cost principles, and audit requirements for federal awards" (Formerly OMB circular a-133).

A list of parties who have been suspended or debarred can be viewed via the internet at <http://www.sam.gov>.

27. Bid prices shall include delivery of all items F.O.B. destination or as otherwise provided. Bids containing "Payment in Advance" or "C.O.D. requirements may be rejected. Payment is to be made within 30 days after receipt of properly executed invoice or delivery, whichever is later.
28. Bidders may attend the bid opening, but no information or opinions concerning the ultimate contract award will be given at the bid opening or during the evaluation process. Bids may be examined within 72 hours after bid opening. Information pertaining to completed files may be secured by visiting the Purchasing Division during normal working hours. Written bid tabulations may be accessed at: <http://brgov.com/dept/purchase/bidresults.asp>.
29. Contractor agrees, upon receipt of written notice of a claim or action, to defend the claim or action, or take other appropriate measure, to indemnify, and hold harmless, the city, its agents and employees from and against all claims and actions for bodily injury, death or property damages caused by fault of the contractor, its officers, its agents, or its employees. Contractor is obligated to indemnify only to the extent of the fault of the contractor, its officers, its agents, or its employees, however the contractor shall have no obligation as set forth with respect to any claim or action from bodily injury, death or property damages arising out of the fault of the City, its officers, its agents, or its employees.
30. In accordance with Louisiana Law (R.S. 12:262.1 and 12:1308.2), all corporations and limited liability companies must be in good standing with the Louisiana Secretary of State at the time of execution of the contract.
31. Vendors submitting signed bids agree to EEOC compliance and certify that they agree to adhere to the mandates dictated by Title VI and VII of the Civil Right Act of 1964, as amended by the Equal Opportunity Act of 1972, Federal Executive Order 11246, the Federal Rehabilitation Act of 1973, as amended, the Vietnam Era Veteran's Readjustment Assistance Act of 1974, Title IX of the Education Amendments of 1972, the Age Act of 1975, and agrees to abide by the requirements of the Americans with Disabilities Act of 1990.

Bidders must agree to keep informed of and comply with all federal, state and local laws, ordinances and regulations which affect their employees or prospective employees.

FEDERAL CLAUSES, IF APPLICABLE.

I. Remedies for Breach

Bidder acknowledges that contracts in excess of the simplified purchase threshold (\$150,000.00) shall contain provisions allowing for administrative, contractual, or legal remedies for contractor breaches of the contract terms, and shall provide for such remedial actions as appropriate.

II. Termination and Settlement

Bidder acknowledges that contracts in excess of \$10,000.00 shall contain termination provisions including the manner in which termination shall be effected and the basis for settlement. In addition, such provisions shall describe conditions for termination due to fault and for termination due to circumstances outside of the contractors' control.

III. Access to Records

Bidder acknowledges that all contracts (except those for less than the small purchase threshold) shall include provisions authorizing the recipient, US Funding Agency, the Comptroller General, or any of their duly authorized representatives access to all books, documents, papers, and records of the contractor which are directly pertinent to a specific program for the purpose of making audits, examinations, excerpts, and transcriptions.

IV. Equal Employment Opportunity

Bidder acknowledges that all contracts shall contain provisions requiring compliance with

E.O. 11246, "Equal Employment Opportunity," as amended by E.O. 11375, "Amending Executive Order 11236 Relating to Equal Employment Opportunity," and as supplemented by regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Dept. of Labor.

V. Copeland "Anti-Kickback" Act

Bidder acknowledges that all construction/repair contracts and sub-grants in excess of \$2,000 shall include provisions requiring compliance with the Copeland "Anti-kickback" Act (18

U.S.C. §3141-3148), which provides that each contractor or sub-recipient shall be prohibited from inducing any person employed in the construction, completion, or repair of public work, to give up any part of the entitled.

VI. Davis-Bacon Act

Bidder acknowledges that all construction contracts in excess of \$2,000 shall include a provision for compliance with the Davis-Bacon Act, which requires contractors to pay laborers and mechanics wages at a rate not less than the minimum wages specified in a wage determination made by the Secretary of Labor. Additionally, contractors shall be required to pay wages not less than once a week.

VII. Contract Work Hours and Safety Standards Act

Bidder acknowledges that all construction contracts in excess of \$2,000, and all other contracts involving the employment of mechanics or laborers in excess of \$2,500 shall include provisions for compliance with sections 102 and 107 of the Contract Work Hours and Safety Standards Act, which requires each contractor to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and one-half times the basic rate of pay for all hours worked in excess of 40 hours. Section 107 is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions that are unsanitary, hazardous, or dangerous.

VIII. Rights to Inventions Made Under a Contract or Agreement

Bidder acknowledges that contracts for the performance of experimental, developmental, or research work shall include provisions providing for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and the Small Business Firms Under Governments Grants, Contracts, and Cooperative Agreements"

IX. Clean Air Act

Bidder acknowledges that the Clean Air Act (CAA) is the comprehensive federal law regulating air emissions from stationary and mobile sources. Among other things, this law authorizes EPA to establish National Ambient Air Quality Standards (NAAQS) to protect public health and public welfare and to regulate emissions of hazardous air pollutants

X. Clean Water Act.

The contractor hereby agrees to adhere to the provisions which require compliance with all applicable Standards, orders, or requirements issued under section 508 of the clean water act which prohibits the use under non-exempt Federal contracts, grants or loans of facilities included on the EPA list of violating facilities

XI. Energy policy and conservation act

The contractor hereby recognizes the mandatory standards and policies relating to energy Efficiency which is contained in the state energy conservation plan issued in compliance with the energy policy and Conservation act (P.L. 94-163).

Bidders must agree to keep informed of and comply with all federal, state and local laws, ordinances and regulations which affect their employees or prospective employees.

Additional Requirements

- If requested, information shall be submitted within 7 days.
- Bidders must furnish all descriptive literature, manufacturer's compliance certificates and all other data on the equipment proposed as a required in this specifications

DEALER LICENSE REQUIREMENTS

Any vendor wishing to bid on vehicles for City of Baton Rouge/Parish of East Baton Rouge must be in compliance with Chapter 6, Distribution and Sales of Motor Vehicles, LA State Statute R.S. 32:1251, which stipulates any motor vehicle manufacturer, distributor, dealer and lessor doing business in Louisiana must be licensed in Louisiana.

All bidders shall include a copy of their valid dealer's license, issued under the provisions of R.S. 32:1254, with any bid submitted. Per R.S. 38:2218.8, public entities are prohibited from accepting bids from or entering into any contract or cooperative endeavor agreement or any other transaction for the procurement of vehicles with a dealer who does not possess a valid dealer's license issued pursuant to R.S. 32:1254. A public entity shall reject any bid submitted by a dealer for the purchase of vehicles which does not include a copy of a valid dealer license.

RS 38:2212.8 Prohibition of bids from or contracts with unlicensed dealers

A. A public entity shall not accept any bid from or enter into any contract or cooperative endeavor agreement, or any other transaction for the procurement of vehicles, with a dealer who does not possess a valid dealer's license issued under the provisions of R.S. 32:1254.

B. A public entity shall require that any bid submitted by, or a contract or cooperative endeavor agreement with, a dealer for the purchase of vehicles shall include a copy of a valid dealer's license issued under the provisions of R.S. 32:1254.

C. A public entity shall reject any bid submitted by a dealer for the purchase of vehicles which does not include a copy of a valid dealer license.

D. A public entity shall not sign a contract or cooperative endeavor agreement with a dealer for the purchase of vehicles which does not include a copy of a valid dealer license.

E. If in the course of an audit or review by the legislative auditor, pursuant to the powers and duties in R.S. 24:513, a violation of this Section is found, the legislative auditor shall report such findings to the Louisiana Motor Vehicle Commission.

Acts 2010, No. 376, §1.

SPECIAL INSTRUCTIONS FOR VEHICLES AND EQUIPMENT

1. Bidders must be manufacturer's authorized dealer/representatives for the equipment being bid. In addition, for titled vehicles, bidders must be a licensed Louisiana motor vehicle dealer.
2. Bid prices shall include but not be limited to all items as described in the specifications, freight, "Preparation Charges", temporary license plate and safety inspection stickers if applicable and the standard factory warranty, but shall not include Federal Excise Tax. A Federal Excise Tax exemption certificate will be furnished with the Purchase Order. For vehicles or equipment requiring licenses, the City - Parish will obtain licenses. The City - Parish is excluded from all state and local sales taxes. The right is reserved to accept a price reduction from the successful vendors) to the City - Parish Government on any bid submitted. The City - Parish reserves the right to add or delete factory options at the dealer's invoice cost

Bid prices shall be based on earliest attainable delivery without incurring premium costs.

3. The dealer shall not attach any dealer identification, advertising or similar material to the equipment.
4. All titles, invoices, certificates of origin, odometer statements and warranties must be issued in the name of City of Baton Rouge and Parish of East Baton Rouge, 222 St. Louis Street, 8th Floor, RM826, Baton Rouge, LA 70801 unless indicated otherwise on the Purchase Order. The City of Baton Rouge mailing address is City of Baton Rouge and Parish of East Baton Rouge, Attention: Purchasing Division, P. O. Box 1471, Baton Rouge, LA 70821.

Invoices shall not be dated any earlier than the day of delivery on any equipment

5. Successful bidder shall furnish to owner two (2) complete sets of operating manuals for each different piece of equipment. This requirement does not apply to Annual Contracts for automobiles and light trucks.

**CITY OF BATON ROUGE
PARISH OF EAST BATON ROUGE
PURCHASING DIVISION**

Pricing Sheet

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
0001	<p>2016 or newer Thomas Built Bus Series 4000 -102W or approved equal in accordance with the attached specifications</p> <p>MAKE _____</p> <p>MODEL _____</p>	1	EACH	\$ _____	\$ _____

**CITY OF BATON ROUGE
PARISH OF EAST BATON ROUGE
PURCHASING DIVISION**

General: It is the intent of these specifications to provide for the purchase and delivery of a 2016 Thomas Built Bus or approved equal. This vehicle(s) should be equal to or better than current year model. The evaluation of the services offered and the determination of the lowest responsive and responsible bidder will be the sole responsibility of the Purchasing Division after consultation with the using agency. The brand and model used in this specification is used only to denote the general style, type, character and quality standard of the item(s) requested. Please note the brand and model that you are bidding in the designated spaces provided. If bidding other than specified, sufficient information should be enclosed with the bid to in order to determine quality, suitability, compatibility and compliance with the specifications. If requested, information shall be submitted within 7 days.

NOTE: Refer to Item No. 1 of Special Instructions for Vehicles and Equipment.

The following specifications should be included on the delivered vehicles:

SPECIFICATIONS

Bidder’s Note: Bidder should complete every item described in detail in the “Specification Descriptions” section either by entering a check mark in the space provided to indicate the item being bid is exactly as specified, or entering a written description to indicate any proposed item which deviates from the specifications.

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder’s Deviation
	YES	NO	
2016 or newer Thomas Built Bus Series 4000-102W or approved equal			
Basic Vehicle Dimensions Width: Interior 96” Exterior: 102” Height: Interior 83” Exterior: 13’4” Length: Exterior: 41’ 10” Wheelbase: 231”			
<u>Chassis Specifications</u>			
Type: Heavy-duty front engine transit type shall be provided.			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
<p>Air Cleaner: Shall be heavy-duty replaceable type. Shall be mounted outside the passenger compartment with proper ducting to provide adequate engine aspiration. Location of the air intake shall be above the radiator for cleanest possible air. The air cleaner shall be readily accessible for servicing. The air cleaner shall include a progressive locking air restriction indicator. Donaldson replaceable single-stage air cleaner or equal.</p>			
<p>Alternator: Shall be Leece Neville 12 volt of not less than 200 amps and provide at least 50% of the rated charge at engine idle. Mounting shall be heavy-duty 2-leg type as specified in SAE-J-80.</p>			
<p>Axles: <u>Front:</u> AAC 14,600 lb capacity integral arm steer axle. Forged steel I-Beam type with greasable tie rod ends and 80" nominal track width. King pin size 1.794" diameter with sealed bushing and tapered roller thrust bearings. ACC model F13.2-3N. Turning angle shall be minimum 45 degrees to allow maximum maneuverability. <u>Rear:</u> AAC 23,000 lbs. capacity single reduction, spiral bevel gearing shall be provided.</p>			
<p>Batteries: Provide two (2) 12-volt conventional, BCI Group 31 batteries with threaded stud terminals. Batteries will have minimum 760 cold cranking amps each at 0 degrees Fahrenheit; 200 minutes minimum reserve capacity at 80 degrees Fahrenheit. Separate battery for generator shall be provided.</p>			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
<p>Brakes: <u>Heavy-Duty Air Brakes:</u> Service Brakes dual air brake system designed to meet all requirements of FMVSS-121 in effect at time of manufacture. Front chamber 24 sq in. Rear chamber 30 sq. in. S cam type. Automatic slack adjusters. Brake size front 16 1/2"x 6" x 3/4" Lining area- 410 sq. in. each. Brake size rear 16 1/2" x 8 5/8" x 3/4" Lining area- 590 sq. in. each. Total lining area 1,000 sq. in. Parking brake will be 30 sq. in. Spring type combination rear service and parking brake. Activated by a dash mounted control valve. Parking brake will be 30 sq. in. Spring type combination rear service and parking brake.</p>			
<p>Brakes: <u>Anti-lock Braking System:</u> Bendix 4-channel ABS with indicator light on dash. Front wheel speeds are sensed individually and the front brake application pressure modulator is governed by the wheel approaching lock-up to minimize steering input. Rear wheel speeds are sensed individually and rear brake application pressure modulation is governed by individual wheel speeds to maximize braking effort. The system is activated by the ignition switch and actuated by brake application. Every time the ignition switch is turned on, the system runs an automatic function check.</p>			
<p>Brakes: <u>Air/Brake System:</u> Dual airflow with a Wabco 18.7 CFM compressor. The air compressor will be gear driver and water cooled. The air compressor inlet is from the engine intake manifold. The airlines consist of flexible tubing to meet the requirements of SAE standard J844 or J844 Type 38 where conditions do not exceed temperatures of 200 F. The air lines are color coded for easy identification as follows: Green = primary brake lines, Red = secondary brakes, Brown = parking brake, Yellow = compressor governor signal and Black = accessories. The air reservoirs include one (1) wet tank at 1500 cu. in. and two (2) dry tanks at 3000 cu. in. There are automatic air tank drains with heater. There is a spring set release with 30 sq. in. chambers and a dash mounted control valve.</p>			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
Brakes: Air Dryer: Bendix AD9 air dryer with heater. Desiccant air dryer removes moisture from brake system. Dual airflow with a Bendix Tu-Flo 550 13.2 CFM air compressor.			
Cooling System: Radiator 796 sq. in. core area radiator with betaweld construction, serpentine fins (3 rows with 16 FPI), 24 in. 10 blades nylon fan shall be provided. Electrically operated fan clutch shall be provided. The betaweld radiator core prevents "solder bloom" ⁷ common to soldered cores and offers added durability of the core. The integral deaeration top tank and overflow bottle provides complete coolant deaeration recommended by engine manufacturer. This results in longer engine life.			
Driveline: Spicer Life SPL size to be determined by engine transmission application. Guards for each driveshaft are included.			
Electrical System: 12- Volt negative ground with 150-amp circuit breaker with master disconnect shall be provided.			
Electrical Controls & Instruments: <u>Dash Mounted:</u> <ul style="list-style-type: none"> • Directional signals indicator lamp • Dual reading gauges – US Primary/Metric Secondary • Engine coolant temperature gauge • Fuel level gauge • Headlight switch • High/low beam indicator • Ignition key operated engine shutoff • Low air pressure warning light (air brake only) • Oil pressure gauge • Speedometer/odometer- 7 digit (including 10ths) • Voltmeter • 300 amp ammeter 			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
<ul style="list-style-type: none"> • Transmission temperature gauge • Momentary electric fast idle switch • "Check Engine" engine fault code warning lamp • "Engine Warning" fault code warning lamp • High coolant temperature/low oil pressure warning buzzer and "EPS Stop Engine" warning lamp • "Air Intake Heater" engine grid heater lamp 			
<p><u>Steering Column Mounted:</u></p> <ul style="list-style-type: none"> • Self-canceling combination turn signal • High beam switch • Horn • Four-way flasher 			
<p><u>ENGINE: Cummins 260 Horsepower Engine:</u></p> <ul style="list-style-type: none"> • Model ISB-260 • Displacement 409 Cu. In. (6.7L) • Rated Horsepower 260 HP (172 KW) at 2600 • Governed Speed 2600 • Rated Torque 620 lb-ft (705 NM) at 1600 • Configuration 4-Cycle In-line 6 Un-sleeved with EGR • After Cooler Air to Air • Fuel Ultra Low Sulfur #2 Diesel • Crankcase Capacity 15 qt. (14.2 L) • Weight 1150 lb. (523 kg) with flywheel housing and air compressor • Idle Speed 800 RPM • Air Compressor Wabco 18.7 CFM • Alternator Drive Polyvee Belt • Starter Denso 3 KW gear reduction type • 2013 E.P.A. /C.A.R.B. Certified 			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
Fuel water separator with heater shall be provided			
Cruise Control shall be provided.			
Block Heater: 750 watt, 120 volt Kim single element immersion type block heater with electrical cord with sealed male 3-prong plug for the block heater. The electrical cord provides electrical connection inside the engine compartment or receptacle.			
Engine Compartment: Shall be a durable, lightweight fiberglass engine cover hinged for access to the engine. There shall be a separate access door located in the cover for access to all engine fluid fill and checks without opening the engine cover. The engine cover shall not exceed 6" from the body floor at the rear and shall not extend more than 36" from the dash to provide improved visibility and maximum aisle space. The engine cover shall provide a highly effective seal with thermal and acoustic insulation.			
Exhaust System: Tailpipe terminates under bumper, left side rear. Exhaust system features an ATD (After Treatment Device): <ul style="list-style-type: none"> • Self insulated • One (1) differential pressure • Two (2) temperature sensors 			
A mitigator is included to reduce exhaust temperatures. The exhaust system is constructed of 409 stainless steel, insulated or thermal wrapped from the turbo to the ATD. From the ATD to the tailpipe, it is aluminized steel.			
Frame: Mainframe shall be 10" web with 3" flanges and 1/4" thickness, with minimum section modulus of 10.04 cu. in. Resisting bending moment shall be 501,500 in.-lb. minimum, with yield strength of 50,000 lbs. Heavy duty "C" channel cross members shall be used. Front and rear inner chassis bumpers shall be bolted to chassis frame rails for added front and rear protection and reinforcement.			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
Fuel System: Shall meet FMVSS 301. Fuel fill is located on the right side of the unit. An unheated fuel/water separator shall be provided. There shall be nylon fuel lines in chassis with wire braid reinforced hoses from engine to chassis. Fuel lines will be color coded orange for easy identification.			
Fuel Tank: 60-gallon fuel tank mounted between rails, equipped with a protective cage shall meet FMVSS 301.			
G.V.W.R.: 37,000 lbs			
Horn: Dual electric horn shall be provided			
Oil Filter: Full flow spin-on oil filter shall be provided with replacement element.			
Shock Absorbers: Front: Two (2) hydraulic direct-acting double action, 1-3/4" bore. Rear: Two (2) hydraulic direct-acting double action, 1-3/4" bore.			
Springs/Suspension: Front: 3-1/2" x 56" multi-leaf; rating 7,300 lbs.; 14,600 lb. Capacity. Rear: Freightliner "Airliner" rear air suspension; rating 23,000 lb capacity. <ul style="list-style-type: none"> • Two air springs • Two parabolic leaf spring trailing arms with rubber bushings • Two heavy duty shock absorbers • Single load sensitive height control valve to maintain constant frame height 			
Steering: Power Ross TAS-65 integral steering gear with 20.42:1 ratio shall be provided. The steering includes a single adjustable drag link. The steering wheel is an 18" diameter soft-touch 2-spoke steering wheel with tilt/telescoping steering column. There is a 45-degree nominal turning angle with 11R22.5 tires Polyethylene boot secured to the floor that surrounds the steering column to provide sealing between the floor and the steering column.			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
Tires: Six (6) 12R22.516 ply radial tires shall be provided.			
Transmission Allison Series 3000 PTS 5-speed automatic transmission with transmission oil cooler, filter, and illuminated cable actuated shift control. Transmission is electronically controlled with lockup in the top four (4) gears.			
Wheels: Steel disc type with one-piece size to fit tire shall be provided. Stainless steel wheel inserts to be provided.			
Wiring: Color-coded and numbered wiring shall be provided. Wiring harness must be enclosed in protective convoluted conduit. All wiring and plumbing must be routed down center under side of chassis for ease of access. All lines and hoses in harness to be grommeted and securely fastened to chassis crossmembers.			
<u>Body Specifications:</u>			
Battery Mounting: Skirt-mounted battery box 27" high x 58" wide x 24" deep. This compartment will incorporate chassis, house and generator batteries. Box includes an all-aluminum roller bearing slide-out tray with a 1000 lb. capacity. Battery tray will have the capability of latching when extended and retracted. The tray will included a full width pull handle with an integrated latch. (NO EXCEPTIONS, Vendor must include photos of this style tray for this bid). Box must be back vented to allow off-gassing of batteries. Batteries will be secured in box using an adjustable aluminum angled bracket.			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
<p>BUMPERS</p> <p>Front: The front bumper is an integral part of the front fiberglass cap and reinforced with 2" x 2" steel tubing and 1/4" x 4" plate steel connected directly to the frame rails. (NO EXCEPTIONS, Vendor should include photos of this style bumper without the front cap installed)Rear: The rear bumper is 4" deep 6" high .25" thick steel tubing with contour angled end caps filled solid. Bumper will be mounted directly to the frame rails and painted to match the body.</p>			
<p>Construction: MSV custom fiberglass and aluminum body; body framework will be a welded aluminum design. Sidewall horizontal and vertical structure will be 2" x 2" x .125" aluminum tubing. All horizontal and vertical structures to be welded top and bottom. All vertical tubing will be spaced on 16" centers. Insulation will be 2" Expanded Polystyrene (EPS). Interior sub wall to be 3/16" Luan grade plywood, (finished wall will be added). The exterior will be sheeting with .125" fiberglass gel-coating skin. Exterior panel's smooth fiberglass will go through a lamination process that will include a vacuum bonding procedure. Lower skirt panels will be constructed of .090 aluminum sheeting with a low profile rub rail between the upper body panel and lower skirt panel.</p>			
<p>Roof will be constructed of 2" x 2" x .125" aluminum tubing on 16" centers with a truss system forming a contour exterior. Insulation will be 3" Expanded Polystyrene (EPS). Interior sub wall to be 3/16" Luan grade plywood, (finished wall will be added). The exterior will be .063 aluminum sheeting will go through a lamination process that will include a vacuum bonding procedure.</p>			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
Floor will be constructed of 2" x 2" x .125" aluminum tubing on 12" centers. Insulation will be 2" Expanded Polystyrene (EPS). .040 aluminum sheeting will be installed on both the underside and interior floor structure. 3/4" Luan grade plywood sub-floor will be installed.			
Mounting: 0.25 Aluminum tubular trusses will be used. The body longitudinal substructure shall be bolted to the chassis utilizing full floating rubber mounting pucks. The number and placement of full floating body isolation mounts shall be determined by final design weight of the body structure, the weight ratings of the mounts and the chassis manufacturer's recommendations found in his body builder's manual.			
Cap: The front of the vehicle shall have a custom fiberglass cap. Cap will be specifically constructed to match the contours on the chassis to form a continuous aerodynamic structure. "Box Trucks" and/or fiberglass pieces, wind dams or fairings not specifically designed to fit the chassis are not acceptable.			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
<p>Lighting: All lights must comply with FMVSS108. All exterior lighting will be D.O.T. approved and feature LED lighting. Designs which do not meet all D.O.T. lighting requirements or feature light fixtures.</p> <ul style="list-style-type: none"> • Headlights: Dual seal beam halogen and LED daytime running lights • LED Front Directional: Four 7" LED round amber directional lights: two (2) front and two (2) rear, surface mounted, sealed type lights with a universal-type sealed connector plug. • LED Side Directional: Two (2) sealed, LED red, side directional lights will be included. One (1) LED amber light located behind the entrance door below window level guard rail and one (1) located left side similar position. • Cluster Lights: Three (3) amber with protective metal shields mounted on the front body hood; three (3) red without shields mounted on the upper rear body hood. • LED Clearance/Marker Lights with protective aluminum guards. This includes intermediate side marker lights. Two (2) front corners; two (2) rear corners; two (2) amidship side roof. • Rear Directional/Stop/Back Up: Combination directional, stop and back-up lights in one (1) assembly. • LED Stop/Tail lights • Two (2) surface-mounted, 7" diameter red LED stop/tail lights • Two (2) recessed-mounted, 4" diameter red LED stop/tail lights • Universal-type sealed connector plug 			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
Dashboard: Dashboard shall be angled for maximum visibility.			
Doors: Driver's door to be approximately 32.5" wide x 70.5" high outward opening type door. Door includes split sash glass mounted in the upper section of the door: laminated, tinted to 70% light transmission, 26.25" wide x 32.5" high. Steps to be custom molded into fiberglass cap custom designed for this chassis/body combination.			
Front entrance door to be approximately 33" wide x 91" high outward opening type door. Door includes split sash glass mounted in the upper section of the door: laminated, tinted to 70% light transmission, 26.25" wide x 32.5" high. Tinted solid stationary glass mounted in the lower section of the door, 26.25" wide x 32.5" high, this is safety feature to be able to view patrons and roadside curb. Included will be a two step stepwell with riser height is 9.5" tread depth is 10". A heavy-duty dual electric auxiliary step will be installed.			
Rear Loading Door: Rear entrance double door system to be approximately 44" wide x 74" high outward opening type door. Double doors will swing one-hundred eighty degrees to allow full access.			
Doors to be equipped with door closer. The door latch will be a heavy-duty Trimark door latch with positive acting latches located at both the top and the bottom of the door to ensure a positive seal and prevent leaks.			
Electrical: <u>Access:</u> Main body wiring harness shall be fully accessible via removable raceways, removable shelves and access panels on driver's side of vehicle.			
The wiring harness shall be protected by automatic reset circuit breakers.			
Wiring shall be color-coded and numbered and flame retardant.			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
The main vehicle electrical junction box shall be located below the driver's window and accessible from the exterior via a hinged door with interior release mechanism. A wiring diagram shall be attached to the backside of the electrical access door.			
<u>Maintenance Manual</u> : Detailed electrical trouble-shooting owner/operator, maintenance manual to be provided.			
Fuel tank opening : Exterior fuel tank opening shall have spring-loaded door with lock. Interior access plate shall be readily available for servicing.			
Grab rails : Exterior stainless steel grab rails at each door. Interior horizontal grab rail on each door below upper window. Grab rails located at each stepwell.			
Heater & Defrosters : Front: Minimum 91,000 high-pressure coil-type center front heater with defroster and booster pump.			
Leveling System : One HWH Series 600 hydraulic leveling system to be installed featuring a BI-AXIS computer which will automatically deploy jack combinations to quickly level and stabilize the vehicle with minimum flexing of the structure.			
Mirrors : <u>Exterior</u> : Heated remote-controlled transit mirrors. Mirror heads are made of UV-resistant, heavy-duty ABS mirror heads. Mirror head featuring independently adjustable flat and convex glass (62 sq. in. flat glass and 30 sq. in. integral convex). Both upper flat and lower convex mirrors can be controlled independently.			
Mud Flaps : Rubber mud flaps front and rear shall be provided.			
Seating : Driver's seat with adjustable high back. Includes 6-position tilt and adjustment. Tilt adjustment control is mounted on the right side of the driver's seat. Seat cushion has four (4) position adjustments. For and aft adjustment by fingertip control.			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
Passenger jump seat shall be included with the final location to be determined after			
<p>Storage Compartments: Exterior; Storage compartments with door and locks. Will have storage for generator, batteries, and shoreline and oxygen tanks. Two (2) additional storage compartments will be installed.</p> <p>Compartments will be vertically hinged with two inch stainless steel hinges with 1/4" pin. All door latches will be a heavy-duty Trimark door latch with positive acting latches located at both the top and the bottom of the door to ensure a positive seal and prevent leaks. Trimark latches will latch on a Nader style pin with an adjustable connecting rod mechanism, cable style is not acceptable. Size and location will be determined by the using agency.</p>			
Sunvisors: 6" x 30" plastic sun-visor with finished edge mounted to windshield header shall be provided for the driver.			
Undercoating: Floor, skirts and wheelhouses shall be undercoated with asphalt emulsion water-based material or equal.			
Windshield: 1-piece curved tinted glass shall be set in rubber. The windshield shall be designed for maximum driver visibility in all directions. Windshield to be 48" h x 107.5" wide tinted laminated safety glass. Material thickness shall be .28" maximum with a 9" blue shade band. Windshield shall be as low as possible to allow maximum downward view in front of vehicle.			
Windshield Washer: Electric-operated with wiper arm spray reservoir windshield washer shall be provided. Capacity shall be one (1) gallon.			
Windshield Wipers: Two (2) bottom-mounted electrically operated with parallelogram type arms with variable speed and intermittent feature. Wiper blades approximately 32" long and arms approximately 28" long.			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
Passenger jump seat shall be included with the final location to be determined after award of bid			
<u>Conversion Package:</u>			
CABINETRY – CONSTRUCTION: All Aluminum Cabinets for Mobile Applications: Cabinets will be constructed of 100% aluminum sheet and extrusions, and will be specifically designed for installation for mobile applications. Drawers will be all aluminum construction, and be fully integrated into the cabinet with no visible frame or surrounding box. Drawers will feature full width extruded pull handles and integrated self-latching mechanisms, and most unlock and open using one hand at any location on the pull handle width. Cabinets and drawers will meet or exceed specifications listed below.			
<u>Materials</u>			
Aluminum Sheet <ul style="list-style-type: none"> • All aluminum sheet metal to be new 5052 - H32 alloy 			
Aluminum Extrusion <ul style="list-style-type: none"> • All aluminum extrusions to be prime billet 6063-T5 or T6 alloy architectural surface quality. Principle walls to be no less than .090" thick 			
Fasteners <ul style="list-style-type: none"> • All fasteners are zinc plated, stainless steel, or aluminum. All nuts are Nyloc / Spin Lock self-locking • Rivets of any type are not to be used 			
Hardware Components <ul style="list-style-type: none"> • Latches are cast zinc with polyester powder coat finish • Hinges are continuous extruded all aluminum • Shelf Brackets are zinc-plated steel - only brackets that allow self-mating in the same mounting slot allowing back-to-back 			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
shelf locations are permitted <ul style="list-style-type: none"> Countertops are industrial grade - Aluminum or Stainless Steel Drawer latches are solid molded glass reinforced Nylon Drawer slides are all steel, double carriage ball bearing full extension slides capable of withstanding 234 lbs loading per drawer. Slides will disconnect allowing drawer removal Door back bonding tape adhesive is VHB structural tape 			
Finishes <ul style="list-style-type: none"> All sheet components are coated with baked on polyester powder coat, only after forming and fabrication. Extrusions to receive 204-R1 Class 2 Architectural clear anodized finish. 			
Fabrication <ul style="list-style-type: none"> Frames <ul style="list-style-type: none"> Frames are fabricated from .090 wall extrusions with square cut and coped ends to conceal cut aluminum edges. Miter/folded joints are not to be used. Joints are secured with self-locking nut and fasteners must be self-locking. Door hinges are secured to frame with self-locking nut and bolt hardware owner can re-alignable and replaceable without drilling or fabrication work. Frames are pre-punched with all required assemble and mounting slotted holes. No field drilling or cutting shall be required to facilitate cabinet assembly. 			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
<u>Doors</u>			
All sheet components are to be CNC punched from new sheet material			
Doors are formed to a 1" thickness from a single sheet of aluminum. Doors with cut frames around perimeter are not permitted. Materials are .063" thick at overhead and wall cabinets, and .080" thick at base and closet cabinets. (Door may be fabricated of thicker materials as size dictates.) Doors to be square and flat to 1/16" tolerance.			
All doors to have .040" pre finished aluminum sheet back continuously bonded to face sheet with VHB structural bonding tape			
Overhead doors have a mechanical folding hold open mechanism to automatically hold door to an approximate 85-degree opening			
All doors have available full length pivoting handles with self-latching, independently sprung latch mechanism. Doors must be unlatching by pulling only - no separate tabs, latches or handles are permitted.			
Upper cabinet doors will have both flip-up and sliding glass panels per final design.			
<u>Drawers</u>			
All sheet components to be CNC punched from new sheet material			
Drawers are all .080" aluminum construction with welded corners			
Drawers are encased in .080" aluminum insert case designed to mount into cabinet faces and integrate with no visible frame around drawers			
Drawer to have full width extruded aluminum pivoting handle actuating twin self-actuating latches			
Drawer must unlatch and open by pulling at any location on the full width handle with one hand. Two-hand operation is not allowed. No separate tabs or levers may be used to latch drawers.			
Exterior drawer finish to be powder-coated to match surrounding cabinet			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
Drawers must be fabricated in specified fractional sizes to custom fit any cabinet			
<u>Cabinet Shell</u>			
End and center panels to be fabricated of .063" aluminum sheet at overhead and wall cabinets; .080" thickness at closet and base cabinets. All punching, drilling, and forming to be done prior to finishing. All components must be CNC punched			
All cabinets to receive mounting angle bracket at perimeter			
All panels are finished on all exposed surfaces, inside and outside, after fabrication.			
Upper cabinets will include a removable access panel to access upper wire chase			
Radius corners will be used and no sharp edges will be permitted			
<u>Miscellaneous</u>			
Ceiling: The Ceiling will be Kemlite L-1062 smooth panel of fiberglass reinforced plywood (FRP) drop ceiling. Lighting will be recessed. Oxygen plumbing will be plumbed throughout the ceiling for easy access. Air conditioning will be ducted throughout.			
Curtain: One (1) full length two piece curtain behind driver seat to separate the cab area; tie back straps will be incorporated to secure the curtain			
Electrical System: AC Electrical System: Shall be a 120/240 VAC system rated for anticipated conversion load. System shall include a 125A rated distribution panel configured with UL listed type magnetic/hydraulic circuit breakers. Circuit breakers shall be sized per component manufacturer's recommendation or to 125% of anticipated load.			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
System shall be wired using EPM 12 gauge, 3-conductor (12/3), 600V rated, UL approved, multi-stranded boat cable. All wiring shall be color-coded: black = hot, white = neutral and green = ground. Additionally, wiring shall be labeled with machine-generated, self-laminating labels, listing circuit number and/or designation at all termination points. All wiring shall adhere to applicable NEC and FMVSS regulations.			
Wiring shall be supported on 12" centers with insulated, non-conductive clamps. Wire bundles shall be tied with trimmed nylon ties. Extreme care shall be taken to prevent chafing, abrasion, and exposure to high heat. Wiring run in external areas shall be encased in conduit to further protect against damage.			
Specific number and type of receptacles shall be determined during the pre-construction process.			
<u>DC Electrical System:</u>			
Shall be a 12VDC, negative ground system rated for anticipated conversion load. System shall include distribution panel(s) using Type 1 automatic reset circuit breakers unless connected component manufacturers specifications require other. All added circuits shall be protected from over current by circuit breakers rated for a minimum of 125% of anticipated load.			
Circuit breaker functions shall be clearly designated by printed labels. Wiring shall be labeled with machine-generated, self-laminating labels, listing circuit number and/or designation at all termination points.			
Auxiliary battery system shall include one (1) Interstate Group 31 and one (1) group 31 deep-cycle batteries specifically for the generators mounted in an exterior compartment (or suitable alternative) and one (1) 65-amp Parallax Battery conditioner/charger wired to the generator and/or shore cord. Battery charger must be fully regulated to prevent battery overcharging.			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
Charging system shall include provisions for automatic and manual battery bank merging to provide redundant battery power for vehicle and generator starting. System shall provide battery isolation during operation periods when the vehicle engine is not running to prevent depletion of both battery systems.			
<u>Wiring Requirements</u>			
All high-current battery cabling shall utilize full-length cable runs sized to load; splices are not acceptable. Terminal ends shall be crimped with manufacturer recommended tooling and sealed using color-coded wrap.			
All added wiring for 12VDC load runs shall be AWG 8,10,12, and 14, and conform to MIL-W-1678D type D. Wire terminals used shall conform to MIL-T-7928. Terminals shall be insulated with insulation grip, Type II, Class 2, and crimped with tooling recommended by manufacturer.			
All added wiring shall be supported on 12" centers and bundles shall be tied with trimmed nylon ties. Entire system shall be installed to modern US automotive standards using best practices available at time of installation. Plastic grommets and/or dielectric sealants shall be used to protect wiring and/or looms where they pass through sheet metal, bulkheads, or structural supports. Convoluted polyethylene tubing shall be used to protect against chafing and abrasion where required. Extreme care shall be exercised to provide for easy serviceability of the system in future years. Extreme care shall be taken to avoid the engine manifold, engine exhaust, muffler, or any high-heat items that may subject the wiring to severe overheating during long periods of operation. These shall be the minimum acceptable wiring standards.			
12v Power Outlets will be installed at each patient and seat location. Final location will be determined after bid is awarded.			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
Flashlights: Five (5) Streamlight PolyStinger LED flashlights with a five (5) unit charging back will be installed in an overhead cabinet, final location specified during construction.			
Floor Covering: Install commercial-grade spray-on type GatorHyde CG or equivalent floor covering. Covering will be applied on the floor and a minimum of 8" up the walls to create a seamless covering. Interior will be constructed to allow the floor to be washed out from front to rear.			
Floorplan: Custom floor plan designed and engineered using Computer Aided Drafting (CAD) technology. Floor plan will be provided on Size B paper and designed in 3/8" scale. (D size 1/2" scale also available).			
Generator: One (1) 20 kW Quiet Diesel Generator to be installed. Generator fuel line will be tied into the existing chassis fuel tank. This fuel line will be installed approximately 1/4 off the bottom of the fuel tank. This is to assure the chassis fuel tank cannot be run out of fuel totally.			
The generator shall be mounted beneath the vehicle utilizing a "slide-out tray" mounting frame system with a front access door set.			
General generator installation shall be in full accordance with manufacturer's recommendations including any air flow restrictions associated with the installation method. Generator will maintain a minimum of a 9" ground clearance.			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
<p>Generator Compartment: A compartment will be designed and built to accommodate the required generator. The compartment will be securely tied into body framework to avoid damage to the compartment and the equipment by road vibration and road surface faults. Generator shall have double swing-out doors for ease of access. The doors will have ventilation panels of louvered metal installed as required to move air over and around the generator, away from air inlets, and meeting manufacturer's requirements. The generator compartment must be insulated to maximum possible for elimination of heat, noise, and fumes to the coach area through walls and/or flooring without interfering with necessary airflow. Insulation of foil type will surround all possible areas of the generator compartment. Compartment will be vertically hinged with two inch stainless steel hinges with 1/4" pin. All door latches will be a heavy-duty Trimark door latch with positive acting latches located at both the top and the bottom of the door to ensure a positive seal and prevent leaks. Trimark latches will latch on a Nader style pin with an adjustable connecting rod mechanism, cable style is not acceptable. Size and location will be determined by the using agency.</p>			
<p>Generator Controls: Generator start, stop preheat switch, hour meter, water gauge, oil gauge and voltmeter shall be located in the front interior of vehicle.</p>			
<p>Generator Fire Alarm: A fire alarm system shall be installed to warn of a fire in the generator compartment. The alarm shall be powered by the 12 volt system and provide an audible and LED lamp warning in the driver area and the crew work space in the patient area. Lamp to be properly labeled.</p>			
<p>HVAC: Air Conditioning: Four (4) 15,000 BTU roof mounted Coleman air conditioner, 110 volt. Roof section to be reinforced where air conditioner is to be mounted.</p>			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
<u>Heaters:</u> Three (3) 1000 watt recessed ceiling heaters with internal thermostats mounted according to final floorplan.			
<u>Thermostat:</u> One (1) thermostat for air conditioners that will control up to three (3) zones. One (1) thermostat for heaters that will control up to three (3) zones.			
<p>Interior Layout: The interior will be laid out according to final floor plan and will include the following:</p> <ul style="list-style-type: none"> •Six (6) IV Hangers mounted from ceiling at head of each stretcher •Four (4) Suction Units; SSCort Model # VX-2-2310B with charging shelf or equal •Overhead aluminum cabinets per final floor plan •Six (6) Drawers per final floor plan •Biohazard waste bin with self-closing deposit flap or door in the patient area and the bin located in a secure compartment. Final design to be determined during construction. •One (1) Refrigerator/Freezer with lock; (5.1) cu. ft. - Summit # CT66LBI or equal •Six (6) Mid-High Back seats with integrated shoulder and lap restraining belts •Fourteen (14) Wall mounted, spring-loaded, two (2) person flip-down seats (28 total) with restraining belts. •Seventeen (17) Ferno Stretchers (quantity based on final floor plan) •Two (2) STRYKER Stretchers 6082 MX Pro Rolling Stretcher to match existing EMS unit & mounts •Custom-built stretcher receiver system will be built to allow the Ferno stretchers to be stacked. Final configuration will be determined during the pre-construction meeting. FIXED tray system will be used with a minimum of 500 lbs capacity. All components will be powder-coated color to be 			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
<p>determined after award of contract.</p> <p>Customer will install Ferno Stretchers and Stryker Rolling Stretchers or approved equal.</p> <ul style="list-style-type: none"> •Automatic stretcher lift system will be installed for upper two stretchers. •Stretcher tray assembly shall be provided for each stretcher. 			
<p>Leveling System: One (1) Quadra heavy-duty fully automatic one-touch leveling system. The system shall use 26" two-way straight acting jacks. Individual power units are attached to each individual jack. System shall include installing an air ride dump valve wired into system to release the air from the air bags during leveling</p>			
<p>Lighting, Interior</p> <p>Recessed 12-volt dome lights throughout the interior.</p> <ul style="list-style-type: none"> •Thirteen (13) LED Lighting - Locations to be determined by the using agency. 			
<p>Lighting, Exterior</p> <ul style="list-style-type: none"> •LED waterproof under floor lights located under the vehicle •LED waterproof lights located in each compartment 			
<p>Eight (8) Whelen Series 810CA0ZR Surface mount Scene Lights will be mounted on the exterior of the vehicle, three (3) on the curbside and three (3) on the street side and two (2) on rear. Whelen Series 810CA0ZR Scene Lights are single lamp scene lights with a 8-32° light spread. Size: 8" H x 10" W x 2" Protrusion.</p>			
<p>Eight (8) Whelen 700 Series Super-LED (red) lights, to be mounted on the exterior of the vehicle. Chrome flange package installed with lights.</p>			
<p>Twelve (12) Whelen 900 Series LED (Red) lights installed on the exterior of the vehicle. Chrome flange package installed with lights.</p>			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
Vendor shall install one (1) multi-plexed control head for all emergency lighting, scene lights and additional 12v systems as per specified by customer.			
Unit will feature backlit, color changing conductive rubber buttons and all legends shall be specific to the item operated and backlit for easier visibility during nighttime deployments. Touch-Tek 10 switch DC panel to be mounted in convenient location and feature status LED's for each circuit and the microprocessor.			
Emergency Warning Equipment: One (1) Whelen model # 295SLSA1 Siren with dual 100W Speaker shall be included. Controller to be mounted in dash console.			
Loading Ramp: <u>MSV (Model # 100-999-002)</u> - A custom built bi-folding ramp will be mounted on the rear of the vehicle. The ramp will have a motorized winch recessed into the coach body to assist personnel during setup. The ramp will be a minimum of 12' long and 75" wide to enable personnel to be on the ramp along with the stretcher to assist in the loading and unloading of the patients. The ramp angle when deployed will be no more than 30 degrees.			
Oxygen System: Eight (8) Oxygen tanks will be installed in a custom storage compartment, tanks will be easily replaceable. Compartment access will be located on curb-side of vehicle. Oxygen system will be a two separate split design (four and four), individual oxygen fitting for a minimum of fourteen (14) patients valves for easy connection and quick disconnect.			
Individual metered oxygen ports will be installed. Quantity and location will be determined by the using agency. Each patient location will have adjustable metered oxygen supply of .05 - 25.0.			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
Emergency oxygen cutoff valve will be installed according to floor plan for easy access for easy reach. The main oxygen monitoring system will be located at main med station, with a leak detection mode as well as an oxygen level monitoring display. An oxygen external inlet will be installed to be able to function at a fixed location.			
Oxygen system will be monitored with master alarm, and zone valve box. The oxygen system shall be configured, designed and installed according to all codes from NFPA and other organizations to meet requirements.			
Oxygen Compartment Fire Alarm: A fire alarm system shall be installed to warn the crew of a fire in the oxygen compartment. The alarm shall be powered by the 12v system and provide an unmistakable warning in the driver area and the crew work space in the patient area. The alarm shall include an audible warning and a red flashing LED lamp labeled "oxygen fire alarm".			
PAINT AND GRAPHICS: Vehicle comes with factory color base white. Graphics must be 3M Scotchprint or approved equal and installed by a 3M Scotchprint Graphics Certified installer.			
<p>Safety Equipment:</p> <p>The following equipment will be installed at locations to be specified during construction:</p> <ul style="list-style-type: none"> •One (1) Air Horn; chrome dual trumpet, powered by chassis air system •Two (2) Carbon Monoxide and Smoke Detector Combination Unit •Two (2) Stainless Steel Ceiling Grab Rails •Three (3) 2A10BC fire extinguisher •Two (2) 20 lb CO2 fire extinguisher •One (1) Color Backup Camera System <ul style="list-style-type: none"> o Rear view; automatically activated by reverse gear selection •One (1) Back-up Alarm •One (1) Set of reflective triangles 			

Specification Descriptions	Indicate Whether Item Meets Specification		Bidder's Deviation
	YES	NO	
•One (1) Safety Vision recording video system to record traffic and other dynamics to the front of the vehicle while in motion.			
Stereo: An AM/FM/CD player will be installed with eight (8) interior speakers.			
Shoreline Cord: Heavy-duty rubber covered 120/240-volt shoreline cord to be provided, 25' minimum length. Transfer switch to prevent simultaneous use of generator and shoreline cord will be located in interior front of vehicle.			
<p>There shall be a Kussmaul Super 30 Auto Eject 30-amp shore power inlet with a Kussmaul auto-charge 20 amp three battery system installed. This system will allow the unit to be fully charged and ready-to-go mode when needed.</p> <ul style="list-style-type: none"> The air brake system shall be maintained at a minimum of 100 psi while the vehicle is connected to the shoreline by means of a Kussmaul Auto Pump HP. 			
Walls: Install 1/2" cabinet grade Luann plywood covered with seamless Kemlite L-1062 smooth panel of fiberglass reinforced plastic (FRP). Where the walls meet the floor a waterproof coating will be applied a minimum of 18" up the wall to allow the vehicle to be washed out with a pressure hose.			
Winch: One (1) Winch rated at 3500 pounds will be recessed mounted in the ceiling to assist in loading and unloading patients when needed.			

BIDDER'S ORGANIZATION

Bidder is:

AN INDIVIDUAL

Individual's Name: _____

Doing business as: _____

Address: _____

Telephone No.: _____ Fax No.: _____

A PARTNERSHIP

Firm Name: _____

Address: _____

Name of person authorized to sign: _____

Title: _____

Telephone No.: _____ Fax No.: _____

A LIMITED LIABILITY COMPANY

Company Name: _____

Address: _____

Name of person authorized to sign: _____

Title: _____

Telephone No.: _____ Fax No.: _____

A CORPORATION

IF BID IS BY A CORPORATION, THE CORPORATE RESOLUTION MUST BE SUBMITTED WITH BID.

Corporation Name: _____

Address: _____

State of Incorporation: _____

Name of person authorized to sign: _____

Title: _____

Telephone No.: _____ Fax No.: _____

IF BID IS BY A JOINT VENTURE, ALL PARTIES TO THE BID MUST COMPLETE THIS FORM.

CORPORATE RESOLUTION

A meeting of the Board of Directors of _____, a Corporation organized under the laws of the State of _____ and domiciled in _____ was held this _____ day of _____, 20____ and was attended by a quorum of the members of the Board of Directors.

The following resolution was offered, duly seconded and after discussion was unanimously adopted by said quorum:

BE IT RESOLVED, that _____ Is hereby authorized to submit proposals and execute agreements on behalf of this corporation with the City of Baton Rouge, and Parish of East Baton Rouge.

BE IT FURTHER RESOLVED, that said authorization and appointment shall remain in full force and effect, unless revoked by resolution of this Board of Directors and that said revocation will not take effect until the Purchasing Director of the Parish of East Baton Rouge, shall have been furnished a copy of said resolution, duly certified.

I, _____, hereby certify that I am the Secretary of _____, a corporation created under the laws of the State of _____ domiciled in _____; that the foregoing is a true and exact copy of a resolution adopted by a quorum of the Board of Directors of said corporation at a meeting legally called and held on the _____ day of _____ 20____, as said resolution appears of record in the Official Minutes of the Board of Directors in my possession.

This ____ day of _____, 20

SECRETARY