

DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New **OTR** **Sole Source** **Bid Waiver** **Emergency** Previous Contract/Project No. FB-00033
Contract
Re-Bid Other

LIVING WAGE APPLIES: No

Requisition No./Project No.: RQID1500032 TERM OF CONTRACT: One-time Purchase

Requisition /Project Title: MDCR Prisoner Transport Buses

Description: The purpose of this solicitation is to establish a contract for the purchase of eight (8) prisoner transportation buses for the Corrections and Rehabilitation Department.

Issuing Department: Internal Services Department

<u>User Department</u>	<u>One-Time Purchase</u>	<u>Funding Source</u>	<u>Department Code</u>
ISD	\$1,600,000.00	Internal Service Funds	

Contact Person: Tracey Jones Phone: 305-375-4803 Estimate Cost: \$1,600,000.00

ANALYSIS

Commodity Codes: 070-24

Check here if this is a new contract/purchase with no previous history.

<u>Contractor:</u>			
<u>Small Business Enterprise:</u>			
<u>Contract Value:</u>			
<u>Comments:</u>			
Continued on another page (s): FB-00033 was the previous solicitation project, but this was cancelled due to revised scope change and new requisition being created for the reissue of this project.			

RECOMMENDATIONS

	<u>Set-aside</u>	<u>Sub-contractor goal</u>	<u>Bid preference</u>	<u>Selection factor</u>
<u>SBE</u>				

Basis of recommendation:

Signed: Tracey Jones	Date sent to DBD: 1/8/2015
	Date returned to DPM: [REDACTED]

SECTION 2 - SPECIAL TERMS AND CONDITIONS**2.1 PURPOSE**

The purpose of this solicitation is to establish a contract for the purchase of eight (8) prisoner transportation buses for Miami-Dade County Corrections and Rehabilitation Department. Alternate bids as noted in Section 1, Paragraph 1.3 (F) are not permitted as part of this solicitation.

2.2 TERM OF CONTRACT

This contract shall commence upon the date of the purchase order issued by the County and shall remain in effect until such time as all items purchased in conjunction with this solicitation have been delivered and accepted by the County's authorized representative and upon completion of the expressed and/or implied warranty periods.

2.3 OPTION TO RENEW

INTENTIONALLY OMITTED

2.4 METHOD OF AWARD

Award will be made to the lowest responsive and responsible Bidder who submits the lowest price for the item being awarded and who meets the minimum requirements below:

2.4.1 Source: Bids will not be accepted from sources other than the vehicle's manufacturer or fabricator, or an approved dealer thereof. The County may require the apparent low Bidder to furnish authenticating documentation of such status during evaluation.

2.4.2 Service Facility: A service facility capable of supporting the proposed sale, performing warranty repairs and supplying needed parts must be located in Miami-Dade or Broward County. The service facility may be subject to the County's review and approval.

2.4.3 License: In accordance with Chapter 320 of the Florida Statutes, "No motor vehicle, foreign or domestic may be sold, leased or bid for sale or lease in this state unless the Manufacturer, Importer or Distributor of such motor vehicle which issues an agreement to a motor vehicle dealer in this state is licensed under SS320.60-320.70", Bidders submitting offers in conjunction with this solicitation should furnish a copy of this license with the offer, however, the Bidder may be given the opportunity to submit the affidavit to the County during the evaluation period. Failure to meet this requirement may result in your bid not being considered for award.

2.5 PRICES

If the Bidder is awarded a contract as a result of this solicitation, the prices proposed by the Bidder shall remain fixed and firm during the term of contract. Prices offered shall include all equipment as specified in Section 3, and freight, manuals, warranty, and all other special conditions required in this Section.

2.6 INSURANCE

Insurance Requirements as outline in Section 1, Paragraph 1.21, are not applicable to this contract.

2.7 SPECIAL CONDITIONS FOR BIDDING MOBILE EQUIPMENT

2.7.1 Manufacturer's name, brand name and/or model number when used in these specifications are for the sole purpose of establishing minimum requirements of levels of quality, standards of performance and design. They are in no way intended to prohibit the bidding of other manufacturer's brands of equal material, quality, design and standards of performance, unless the wording NO SUBSTITUTION is used. When an equal product is bid, the Bidder shall furnish the factory information sheets (specifications, brochures, etc.) that show the product meets the required specifications. Failure to meet this requirement may result in that bid being rejected. The County will be sole judge of equality or similarity and the County's decision shall be final.

2.7.2 When NO SUBSTITUTION is used in combination with a manufacturer's name, brand name and/or model number, the named item is the only item that will be accepted by the County.

2.7.3 Manufacturer's standard information sheets, catalogues, brochures and all supporting documentation submitted must show the product meets the required specifications. Bids that are submitted with standard product literature which offer technical data or product descriptions indicating the item or product bid does not meet the required specifications must be accompanied by a letter, on the Bidder's company stationary, identifying those differences and describing how compliance with the required specifications is to be accomplished.

Note: Photographs, picture, and other graphic illustrations that are part of standard product literature will not be used in determining product compliance with these specifications.

2.7.4 After the Bids have been evaluated by the County, the Bidder offering the lowest price as stipulated in Section 2.4 (Method of Award) of this solicitation may be required to demonstrate the equipment which has been proposed, for evaluation by and at no cost to the County. The purpose of the demonstration is to observe the equipment in an operating environment and verify its capability, suitability, and adaptability vis-à-vis the performance requirements stipulated in the bid. If a

demonstration is required, the County will notify the Bidder of such in writing and will specify the date, time and location of the demonstration. If the Bidder fails to perform the demonstration on the date stipulated in the notice, the County may elect to reject the Bidder's proposal or to re-schedule the demonstration. The County will be the sole judge of the acceptability of the equipment in conformance with the Technical Specifications and its decision shall be final.

- 2.7.5 The equipment used for the demonstration shall be the same as the manufacturer's model identified in the Bidder's proposal. Accordingly, the equipment used in the demonstration shall create an expressed warranty that the actual equipment provided by the Bidder during the contract period shall be similar to the equipment used in the demonstration. Should that equipment be new, not previously demonstrated and conforms to all bid specifications and requirements, the County reserves the right to purchase that equipment upon successful completion of the demonstration and approval by the County Mayor or designee, or by the Board of County Commissioners, if required.
- 2.7.6 The equipment furnished by the awarded Bidder, during the term of the Contract, shall be new and the most recent model available. Demonstrator models are not acceptable. Any optional components that are required in accordance with the Technical Specifications (refer to Section 3 of the Solicitation) shall be considered standard equipment for the purposes of this solicitation. Any optional components that are recommended by the vehicle manufacturer for the application intended must be included and will be considered standard equipment for the purposes of this solicitation. The application and usage of all components, sub-components or parts must be in accordance with their manufacturers' recommendations, as well as the recommendations of all associated component manufacturers. Omission of any essential detail from these specifications does not relieve the awarded Bidder from furnishing a complete and ready to work unit. The silence of specifications on any point shall mean that only the finest commercial practices of the industry shall apply and all interpretations of the Technical Specifications shall be so governed. The unit shall conform to all applicable Occupational Safety and Health Administration (OSHA), State and Federal, and American National Standards Institute (ANSI) requirements and standards, and Department of Transportation (D.O.T.) regulations. All components and included craftsmanship are to be in accordance with current Society of Automotive Engineers (S.A.E.) standards and recommended practices. The engineering, materials and workmanship shall exhibit a high level of quality and appearance, consistent with or exceeding the industry standards.
- 2.7.7 The equipment and features required are listed in the Section 3, Technical Specifications. The County may, after delivery and acceptance of the initial equipment ordered, make changes to the required equipment or equipment options supplied, provided; 1) such changes are mutually agreed between the

awarded Bidder and the County, 2) all changes in per unit pricing are no more than the change in per unit documentable cost to the awarded Bidder, and 3) that the net amount of any such changes is no more than five percent of the per unit price originally bid. Bids requiring a pre-construction conference, or, the construction and approval of a prototype unit, will be considered in satisfaction of the initial equipment order provision of this paragraph.

- 2.7.8 The awarded Bidder shall supply and be responsible for the vehicle's warranty. Vehicles with a GVWR of 19,500 pounds or less will have a warranty free of deductibles with no less than the following industry defined coverage:

Thirty-six months (36) or 36,000 miles full vehicle bumper to bumper. Sixty months (60) or 60,000 miles on the power train. Hybrid unique components (if hybrid) ninety-six months or 100,000 miles.

Vehicles with a GVWR of 19,501 pounds or more will have a warranty free of deductibles with no less than the following coverage:

Twenty-four months (24) bumper to bumper. Sixty (60) months on the engine and transmission. Hybrid unique components (if hybrid) sixty (60) months.

When vehicle or component manufacturers provide a warranty with coverage in excess of that stipulated herein, that additional coverage shall not be diminished by the requirements of this paragraph. When vehicle or component manufacturers provide a warranty with less coverage than that stipulated herein, the awarded Bidder shall provide a supplemental warranty that meets or exceeds the warranty requirements, as stipulated herein. The warranty terms shall be subject to Delay In Start Warranty Program (commence when the vehicle is put into service), if available from the vehicle's manufacturer.

- 2.7.9 The awarded Bidder shall be responsible for promptly correcting any warranted deficiency, at no cost to the County, at a warranty service center that meets the criteria stated in Paragraph 2.4.2 within five (5) calendar days after the County notified the awarded Bidder of such deficiency in writing. If the awarded Bidder fails to honor the warranty and/or fails to correct or replace the defect within the period specified, the County may, at its discretion, notify the awarded Bidder in writing that the awarded Bidder may be found in violation of the Contract or be subject to contractual default if the deficiencies are not corrected and/or replacement or repairs are not completed to the satisfaction of the County within the specified timeframe. If the awarded Bidder fails to satisfy the warranty within the period stipulated in the notice, the County may (a) place the awarded Bidder in default of its contract, and/or (b) procure the products or services from another awarded Bidder and charge the first awarded Bidder for any additional costs that are incurred by the County, either through a credit memorandum or through invoicing.

- 2.7.10 The awarded Bidder may be required to enter into an Original Equipment Manufacturer (OEM) parts and service supply agreement with Miami-Dade County, during the useful life of the equipment furnished. This maintenance support agreement would be to supply parts, repairs and training or service at the County's discretion. The awarded Bidder may use a local service representative to provide these services to the County.
- 2.7.12 The awarded Bidder shall be required to provide for an on-site production / prototype inspection of the first unit manufactured at times which are mutually convenient to the Bidder and the County officials attending. This inspection shall be performed prior to the final assembly of the equipment in order to evaluate the placement of controls and lines, structural changes and general construction techniques. The awarded Bidder shall provide reasonable notice to the County prior to the scheduling of the on-site production inspection. The County reserves the right to require modifications to the equipment if such modifications are necessary in order to bring the equipment into compliance with the technical specifications, the awarded Bidder's offer, or best commercial practices. The County reserves the right to require multiple production inspections where multiple locations or companies are involved with the construction of a final unit. Any costs incurred by these County Officials in conjunction with onsite production/prototype inspection will be borne by the County.
- 2.7.13 The awarded Bidder shall be required to conduct a Pre-Construction Conference for County officials designated to represent the County prior to the manufacturing or assembly of the equipment which is specified in this solicitation. The awarded Bidder may select the location of this construction conference. Any costs incurred by these County officials in conjunction with the pre-construction conference shall be borne by the County.
- 2.7.14 All prices are to be quoted F.O.B. destination. Deliveries are authorized at the Shop 2 Truck, located at 6100 SW 87th Avenue , Miami, Florida or at another location that may be so designated on the purchase order. Deliveries may be made between the hours of 8:00 A.M. and 2:00 P.M. weekdays. The awarded Bidder shall contact the Facility Supervisor, at (305) 273-4125 forty-eight (48) hours prior to delivery.
- 2.7.15 Delivery is required within the number of days stated in this paragraph. In no case may the date to produce a prototype be later than ninety (90) days from the date of issue of the purchase order for this acquisition. Upon approval of the prototype the full order for all the units shall be produced and delivered to the County no later than two hundred and ten (210) days from the date that the County department orders the equipment by sending a printed Purchase Order to the awarded Bidder. All deliveries are to be made in accordance with good commercial practice. All equipment delivered must be in full compliance with bid specifications and requirements, and must be in excellent condition ready to work. Upon verification of compliance with these requirements the County will accept the delivered equipment.

2.7.16 Upon failure to deliver the equipment in accordance with good commercial practice, in excellent ready to work condition, and full compliance with bid specifications and requirements to the County within the lesser of; the time stated, by the Bidder in their bid proposal or the number of days stipulated in paragraph 2.7.15., the Bidder shall be subject to charges for liquidated damages in the amount of one tenth of one percent (1%) of the price contracted in the purchase order for each unit, per calendar day that the equipment is not delivered acceptably. This charge for liquidated damages is in addition to other remedies and timetable requirements listed in paragraph 2.7.17 below.

2.7.17 The Bidder shall be responsible for promptly correcting any equipment delivery deficiency at no cost to the County, within ten (10) calendar days after the County notifies the Bidder of such deficiency in writing. If the Bidder fails to correct or replace the defect within the period specified, the County may, at its discretion, notify the Bidder in writing that the Bidder may be found in violation of the Contract or be subject to contractual default if the deficiencies are not corrected and/or replacement or repairs are not completed to the satisfaction of the County within the specified timeframe. If the Bidder fails to satisfy the delivery requirements within the period stipulated in the notice, the County may (a) place the Bidder in default of its contract, and/or (b) procure the products or services from another awarded Bidder and charge the Bidder for any additional costs that are incurred by the County either through a credit memorandum or through invoicing.

2.7.17 The County shall issue payment after completion of items (a) and (b) below, and as per the payment provisions established in Section 1, Paragraph 1.2, H. 1 (Prompt Payment) and Section 1.34 (Invoices).

a. The delivered unit is successfully inspected for compliance with all specifications and requirements and is accepted (including delivery of the required manuals as specified in Section 2, Paragraph 2.7.18).

b. All documentation described in the Purchase Order has been received as stipulated therein. The language that will appear in the successful Bidders Purchase Order is:

Application for Certificate of Title and/or Vehicle Registration (HSMV-8040), Certification of Motor Vehicle Sale Tax Exemption (MVC Form DR-41A), Motor Vehicle Dealer Title Reassignment Supplement (DHSMV 82994), Manufacturer's Statement of Origin To A Motor Vehicle and Service Policy shall be made out in the name of:

Miami Dade County, Florida
2225 N.W. 72nd Avenue
Miami, Florida 33122

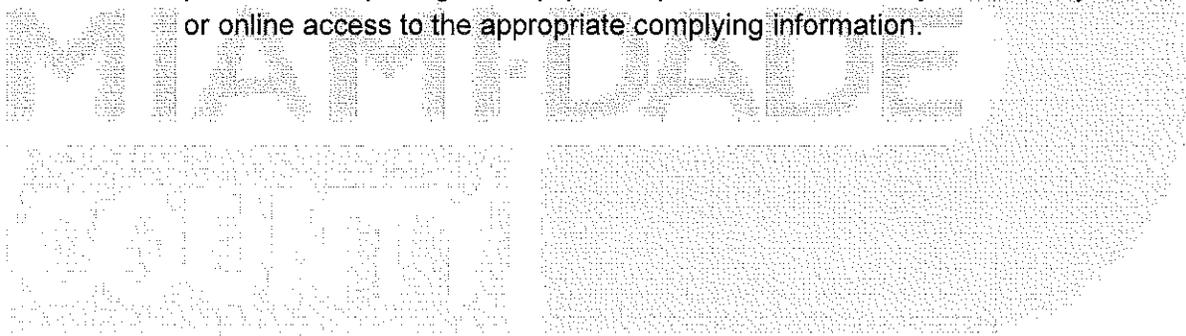
c. These documents must be dated to coincide with the delivery of the equipment, send all papers to:

Internal Services Department
Administrative and Business Services Division
Capital Inventory Section
2225 N.W. 72nd Avenue
Miami, Florida 33122

d. All documents must be properly filled out and completed, signed and notarized by an authorized individual with no strike-overs on any documents. Noncompliance will result in payment delays.

e. The invoice is to be made out in triplicate to the name of the department as indicated on the Purchase Order and mailed to the same address as shown on the Purchase Order. The vehicle key numbers are to be noted on the invoice.

2.7.18 At the first delivery, the awarded Bidder shall provide the County with a minimum of one (1) comprehensive training manual which describes the appropriate use of the equipment purchased, and, fifteen (15) comprehensive repairs and parts manuals which identify the component parts and which describe the appropriate process for repairing the equipment purchased. This may be done by book, CD or online access to the appropriate complying information.



SECTION 3 – TECHNICAL SPECIFICATIONS

3.1 SCOPE OF WORK

The Corrections and Rehabilitation Department uses high security prisoner transport buses daily for the transportation of prisoners to and from multiple Miami-Dade Correctional Facilities located throughout the County. In addition, these buses are sometimes used throughout the State of Florida to transport inmates from Miami-Dade County Correctional Facilities to other County, State, or Federal Correctional Facilities. These buses will be operated at the posted speed limits found on local roadways as well as highways and interstates. All eight (8) vehicles will be keyed differently for security reasons and the vehicles are to be delivered complete and in "ready-to-work" condition.

3.2 TECHNICAL SPECIFICATIONS

The specifications below are the **minimum** requirements for the purchase of eight (8) model year 2015 or newer flat nose, rear engine and drive train high security prisoner transport buses. All screws, rivets used to build the bus or to secure any and all items (i.e. seating, security gratings, lighting, etc.) in the prisoner containment area must be of the tramper proof type "NO SUBSTITUTION". In addition all seating, security grating, covers, etc. used in the prisoner containment area must be properly designed, constructed and be of sufficient gauge and thickness to prevent prisoners from damaging them into pieces to fabricate weapons "NO SUBSTITUTION". The awarded Bidder shall to supply wall to wall and curb to curb turning circle charts for the prisoner transport bus(es).

3.3 CHASSIS

The chassis is to be a rear engine and drive train design with a single rear axle. **"NO SUBSTITUTION"**

3.4 ENGINE

The engine is to be a Cummins ISL 9.0 diesel engine **"NO SUBSTITUTION"**. The engine is to have no less than 300 hp. and 860 lb. ft. of torque. The Cummins engine is to be governed to limit the speed of the vehicle to 75 mph. The engine is to be configured with the following derate parameters activated (if available) to protect the engine from catastrophic failure: high coolant temperature, low coolant level, low oil pressure, low engine oil, high oil temperature.

- A. Fuel filtration as recommended by the engine's manufacturer.
- B. Webb 710 or 712 non-heated fuel/water separator, if available, or a Davco 382 Fuel-Pro or Fleetguard #FS1201. **"NO SUBSTITUTION"**
- C. Air filtration system recommended by the engine's OEM with dash mounted air restriction indicator.
- D. Largest decibel diesel engine noise reduction package available from the OEM.

NOTE: All generic filters used for liquids and fluids shall be the spin-on type and all lubricants shall be synthetic where recommended by the component's manufacturer in this application. **"NO SUBSTITUTION"**

3.5 TRANSMISSION

The transmission is to be an Allison automatic 3000 PTS closed ratio bus transmission. The transmission is to be equipped with the largest transmission oil cooler recommended by Allison and be filled at the factory with Allison synthetic transmission fluid. All Allison optimized electronic controls are to be turned on **except** for the vehicle acceleration control (VAC).

The transmission control is to be a push button type of controller and be mechanically prevented from going into gear when the engine is on by one of the two (2) methods below:

1. A metal locking cover that is tamper proff and could not be pried off.
2. A keyed theft resistant switch that prevents the electronic engagement of transmission.

3.6 COOLING SYSTEM

Maximum capacity cooling system within the chassis and engine manufacturer's recommended range, with all related components selected to afford maximum cooling and a recovery system for overflow.

- A. An anti-freeze and water-conditioning filter, if available or supplemental additive system.
- B. Largest Allison recommended transmission oil cooler.
- C. Power Steering oil cooler is required if recommended by the manufacturer for this application

3.7 WHEELBASE AND STEERING

- A. Wheelbase shall be reviewed and optimized by the bus manufacturer involved to provide the optimum and smallest chassis dimensions for the prisoner transport bus(es).
- B. Power steering system designed for vehicles of this dimensional size, weight and type of service with all front wheels and tires, axle, and suspension components selected to provide maximum safe wheel cramp angle and resulting minimum turning circle radius within the capacities and dimensions specified.

3.8 GVWR & GAWR

To calculate the GVWR and GAWR the awarded Bidder shall to take the weight of the as built bus full of fuel and DEF, plus the weight of a person in all prisoner and correctional officer seating positions being provided which is to be calculated at 185 lbs per person per seating position, plus the weight of 200 lbs. of prisoner property, plus the

weight of approximately 200 lbs of miscellaneous equipment. The Bidder should provide a loaded and unloaded weight chart properly showing the weights of the unit fully loaded and unloaded with the GAWR and GVWR to be supplied.

- A. The awarded Bidder shall calculate and supply the final as built GAWR. This final GAWR must have no less than 5% spare capacity built into the GAWR when the bus is fully loaded with prisoners, correctional officers and all tanks full of fluid.
- B. The awarded Bidder shall calculate and supply the final as built GVWR. This final GVWR must have no less than 5% spare capacity built into the GVWR when the bus is fully loaded with prisoners, correctional officers, weight of prisoner and miscellaneous property and all tanks full of fluid.

3.9 WHEELS AND TIRES

Buses shall include:

- A. 10 stud hub pilot tubeless type wheels with no less than 5 hand holes for the entire bus.
- B. 11 R 22.5 size tires that are proper for this application, are properly weight rated, and properly speed rated for a 75 mph application tires.

3.10 FRONT AND REAR AXLES

The awarded Bidder shall use fully synthetic lubricants recommended by the manufacturer for front axle hubs and the complete rear differential.

- A. The awarded Bidder will select the appropriate front axle for the GAWR and GVWR as stipulated in section 3.8. The front axle is to be equipped with 10 stud drums for hub pilot wheels and non-aluminum hubs.
- B. The awarded Bidder will select the appropriate rear axle for the GAWR and GVWR as stipulated in section 3.8. In addition, the rear end will be geared to allow the prisoner transport bus to travel no more than 75 mph. The rear differential will be equipped with 10 stud drums for hub pilot 5 hand hold wheels and non-aluminum drums.

3.11 BRAKE SYSTEMS

The air brakes are to be of the "S" Cam drum-based system with all wheel ABS meeting all applicable Federal Motor Vehicle Safety Standards for the transport of passengers. The design of the brake system being supplied is to stop the bus in the shortest possible distance at roadway and highway speeds.

- A. Front Axle largest and widest brake linings as recommended for the axle selected with the OEM recommended brake chambers and self-adjusting slack adjuster.
- B. Rear Axle largest and widest brake linings recommended for the axle selected with the OEM recommended brake chambers and self-adjusting slack adjusters.
- C. Bendix or Wabco "**NO SUBSTITUTION**" air dryer with oil coalescent filter and a minimum 15 CFM air compressor.
- D. Maximum capacity air reservoir(s) equipped with automatic draining capability and conveniently located and easy to use manual pull cord drain valves.

3.12 FUEL AND DEF TANK

The fuel filler and DEF filler necks are to be behind locking doors that are to be keyed alike and do not interfere with the proper filling of these tanks.

- A. The fuel tank is to be an all steel tank or all aluminum tank with a capacity of no less than 100 gallons configured and selected to provide maximum ground clearance. The tank design must allow access to replacement of the fuel sender without removing the fuel tank.
- B. A properly sized DEF tank is to be supplied, properly marked, and in a easy to refill location.

3.13 EXHAUST

Manufacturer's standard under the bus exhaust system. Other exhaust system may be considered at the preconstruction conference as long as it is at no cost to the County.

3.14 STARTING AND CHARGING ELECTRICAL SYSTEM

A twelve (12) volt system with no less than a 320-ampere alternator and no less than 1800 CCA Group 31 batteries with the highest reserve battery capacity available. All copper wiring with each wiring circuit protected by easily accessible resettable circuit breaker where available from the bus OEM.

- A. A quick connect battery jumper connection shall be provided at a location near the battery box. The final location to be finalized at the pre-construction conference.
- B. A battery disconnect switch with an amber clearance indicator light on front top of the bus to show power is "on". Other types of indicator light(s) may be considered at the pre-construction conference.
- C. The battery box must be located behind a locking door on the body to prevent theft. The box is to be on a locking slide out tray to make it easy to service and replace the batteries. The top of the battery box top must be on a tether to prevent loss or theft and battery box is to be vented on both sides.

3.15 BUS BODY

- A. The bus body is to be a flat nose design with an outward opening locking entrance doors and must be fully insulated in between the exterior and interior walls of the body for maximum heat soak rejection. The bus body must be designed to support the intended use of this bus. The body must be of sufficient length to accommodate the transportation of a minimum 40 prisoners total. The front windows, driver's window and front entry door windows are to be the deepest legal tinted window available from the bus OEM. The front and rear of the bus body is to be equipped with tow hooks for towing of the unit as needed. The bus body is also to be equipped with appropriately size mud flaps for the front and rear axles and the highest possible diesel engine noise reduction package available from the bus OEM.
- B. There are to be sash window(s) on the side of the curbside of the body aft of the driver's seat to the beginning of the first caged prisoner compartment section. These sash windows are to be tinted with the deepest legal tint available from the bus OEM.

There are to be no sash windows in the prisoner compartment transportation area. The only windows that are acceptable in the prisoner compartment transport area are small lightly frosted port hole windows towards the upper most portion of the bus body. These port hole windows must have security grating installed on the inside of the body over the window to prevent them from being knocked out of place. The final window placement, window design to include width and heights and security grating proposed by the awarded Bidder will be approved at the preconstruction meeting by the Corrections and Rehabilitation Department.

- C. The bus is to be equipped with an outwards opening curbside emergency door that has three (3) reinforcement bars evenly distributed throughout the height of the door and a full size hasp over the bars which is lockable at two (2) points with two (2) high security type locks from the outside. The Corrections and Rehabilitation Department will provide a sample set of two (2) locks to be used on these locking points. The area of the body around the locking points is to be reinforced to prevent damage to the body from the locks flopping up and down and side to side. The locking points are to be completely reinforced to prevent them from being pried or pulled off of the body. The door is to be located at the most rearward part of the bus feasibly possible from the bus OEM.
- D. The bus body on the curbside if possible space permitting is to have two secured storage of inmate property. The minimum size of these compartments is 19 inches high by 75 inches wide, 25 inches in depth.
- E. The final bus body design is to produce an interior height of no less than 77 inches.
- F. The flooring is to be based on appropriate rated and sized marine grade plywood flooring. The bottom of the plywood flooring is to be fully undercoated if it is exposed directly to the road surface. On top of the marine grade plywood flooring, dull aluminum diamond plate flooring is to be installed along the entire floor from front to back. All seams in the floor are to be properly sealed with 3M 5200 sealant. This flooring is to be secured with large flange rivets that become flush with the floor when installed and 3M 5200 sealant is to be applied to the rivets before installation. At any change in height of flooring, there is to be a bull nose at the end and it is to be painted in a safety yellow color to alert anyone entering or exiting the bus that there is a change in height up or down. There is to be a recessed covered drain no less than a ½ inch in size in each cage section on the left and right side of the bus on the most forward position possible closest to the partition. The wood floor area around the drain is to be thoroughly water proofed. The end of the aluminum diamond plate flooring that makes contact with the wall of the bus is to have a bent lip to form a ½ inch high kick plate. The kick plate is to also be fastened with the same style of rivets to the wall evenly spread out. The rivets and the top of the kick plate is to be properly sealed with the same 3M 5200 sealant.
- G. All seating in the prisoner transport areas is to be Freedman Seating Company Prison Bench Seating **“NO SUBSTITUTION”**
- H. The interior of the bus body is to have a minimum seventy seven inch (77”) interior height from floor to ceiling and is to be separated into four (4) distinct sections. The complete interior is to be fully illuminated by the use of three (3) full rows of dimmable LED lighting behind security grating. There is to be one (1) row over the

center aisle and one (1) row each over the center of the bench seats. The lighting produced by the LED lighting must be able to fully light the complete interior of the bus. Bus body sections are as follows:

Note: The County reserves the right to require the awarded Bidder to make reasonable changes to the partition in the interest of safety and security. Final approval of the proposed prisoner partitions will be given by the County at the pre-construction meeting or point thereafter. Additionally, please provide design schematic showing how the proposed prisoner partition sections are going to be built. This schematic should include the type materials and thickness/gauge it is going to be fabricated from, how it is going to be constructed/assembled, and finally how it is going to be installed in the bus.

i. Section 1: Bus Operator's Station and One (1) Officer Seating Position

This section is to contain the bus operator's station and one (1) perimeter facing officer high back air suspension seat with arm rests. The One (1) officer seat is to be on the curbside. On the roadside behind the driver's seats, the vendor is to provide and install a lockable gun safe capable of holding two (2) standard length AR-15 Rifles, two (2) semi-automatic full size handguns, 30 handcuffs and 5 combination handcuff/belly chains. The officer seat is not to rub on the body when in movement.

The operator's station is to have the instrumentation required to operate the vehicle (i.e., speedometer, tachometer for the engine, air pressure gauge, oil pressure gauge, water temperature gauge, etc.) as well as the following items:

- Bus engine driven A/C system control with vents for the operator and guards, high back fully adjustable air suspension seat with arm rests, Tilt and telescoping steering column, cruise control, remote control side rear view mirrors, full interior rear view mirror, intermittent wipers, side visor for side window, switch to start and turn off the A/C engine system as well as the thermostat to regulate the temperature, dimmable bus interior lighting switch, air horn and regular horn switches, jump start switch for the A/C and bus engines, emergency lighting.

ii. Section 2: Prisoner Cage Section # 1

This section is to contain eight (8) prisoners in four (4) bench seats that span from the road side to the curbside with two (2) bench seats on each side. The awarded Bidder is to fabricate a floor to roof partition behind the rear most bench seats with twin sliding 12 inch each lockable doors with a reinforced hasp that separates these prisoners from the remaining prisoners on the rear of the bus and another cage on the front that protects the guards and bus operator from these prisoners. The front gate is to be 24 inches wide, lockable with a reinforced hasp and swing open towards the roadside of

the bus. Approximately the middle 80 % of both partitions and doors is to be covered with a polycarbonate laminate (aka Lexan) to prevent prisoner from spitting at guards and or other prisoners. This polycarbonate laminate is to be of sufficient thickness and must be fully reinforced and secured to prevent it from being broken into pieces creating a weapon.

iii. Section 3: Prisoner Cage Section # 2

This section is to contain eight (8) prisoners in four (4) bench seats that span from the road side to the curbside with two (2) bench seats on each side. The awarded Bidder is to fabricate a floor to roof partition behind the rear most bench seats with twin sliding lockable doors that separates these prisoners from the remaining prisoners on the bus. Approximately the middle 80 % of the partition and door is to be covered with a polycarbonate laminate (aka Lexan) to prevent prisoner from spitting at guards and or other inmates. This polycarbonate laminate is to be of sufficient thickness and must be fully reinforced and secured to prevent it from being broken into pieces creating a weapon.

iv. Section 4: Prisoner Cage Section # 3

This last section is to transport no less than 24 prisoners in the required bench seats.

3.16 Bus Engine Driven Air Conditioner

The awarded Bidder shall provide a corner ducted Thermo King D-5 unit bus engine driven air conditioning system **"NO SUBSTITUTION"**. The a/c compressor is to be driven by the main bus engine and must be mounted to the engine using the Thermo King supplied brackets for the Cummins engine required. Aftermarket brackets are not acceptable. The compressor is also to be a Thermo King Transit style A/C compressor model # X430.

The system is to be designed and properly ducted to allow for the proper cooling of all compartments and must have a security screen over each outlet grill. The condensers for the air conditioner are to be skirt mounted.

The system is to be controlled by the latest version of a Thermo King Climaaire II control. The system is to be programmed to always circulate air regardless if the compressor is operating or not. The temperature sensor for the control is to be placed at the hottest compartment.

3.17 Bus, Scene Emergency Lighting, and Power Inverter

A. Bus Lighting: All lighting for the front and rear turn signals, brake lighting, reverse lighting clearance lights and side marker lights are to be LED.

- B. Scene Lighting: The awarded Bidder shall install six (6) Fire Research Spectra 900 LED flood/loading lights flush mount (if possible) into the body of the bus. The lights are to be the largest possible lumens available for a 12V system. Four (4) are to be on the curbside of the bus and evenly spaced out. Two (2) are to be on the roadside of the bus with one (1) over the rear wheel and one (1) over the driver's side window. Final placement of the lights will be approved at the pre-construction conference.
- C. Emergency Lighting: The awarded Bidder shall provide the following:
- i. Installation, as close as possible to the driver's area, of a Whelen CanTrol CANCTL5 combination handheld microphone and controller or equivalent unit available from Federal Signal. As part of this installation, the awarded Bidder shall to install a speaker/siren combination unit on the front of the bus that does not reverb or transmit any audio into the cabin of the bus. Final placement to be discussed at the preconstruction conference.
 - ii. On the left and right side of the bus approximately half way up the body, the awarded Bidder is to provide and install six (6) Whelen 900 series LED lights or equivalent unit available from Federal Signal. Three (3) lights each are to be installed on the left and right side. The color combination is to be as follows; front and rear of the bus all blue LED lights and midway in the middle of the bus a combination red/blue unit.
 - iii. Install on the rear of the bus four (4) Whelen 900 series LED lights or equivalent unit available from Federal Signal. The lights on the left side are to be a blue color and the lights on the right side are to be a red color. Two (2) lights are to be on the uppermost part of the rear bulkhead. The other two lights are to be installed approximately at eye level. Final placement of the unit will be determined at the preconstruction conference.
 - iv. Install on the front of the bus four (4) Whelen 900 series LED lights or equivalent unit available from Federal Signal. The lights on the left side are to be a blue color and the lights on the right side are to be a red color. Two (2) lights are to be on the uppermost part of the front bulkhead. The other two lights are to be installed approximately at eye level. Final placement of the unit will be determined at the preconstruction conference.

3.18 Video Security System

The awarded Bidder shall install a tamper proof high security comprehensive digital color recording system. The system shall be a Safety Vision Model # 4108 8 channel recording system " No Substitution" that is to be highest resolution digital color video recording system currently available on the market for this application. The recorder and all cameras must be capable of capturing video at night and in very low light applications. The unit must be able to record and store no less than 16 hours of video per day and stores these images for no less than 7 days before it is written over. The system is to record anytime the key to the bus is in the on position. The security system must include the following:

- A. The bidder is to provide a Safety Vision monitor model # SV-CP4 –kit No Substitution color monitor capable of displaying simultaneously the real time digital images of the cameras installed in the prisoner cage area cited in section below without the need of changing channels and is to function as a backup display when the bus is placed in reverse gear. To aid in monitoring the cameras, the vendor is to provide and install a Safety Vision monitor model # SV-DMS2050 –kit No Substitution The monitor must be in an easy to view location of the one (1) correctional officer when seated in the seats. Final placement of the monitors to be determined at the preconstruction conference.
- B. A Safety Vision Series 830 Dome or 835 Wedge **“NO SUBSTITUTION”** weather proof camera mounted on the rear exterior of the bus centered on the bus body. Final camera selection and placement to be determined at the preconstruction conference.
- C. On the curbside of the front windshield install a Safety Vision **“NO SUBSTITUTION”** forward facing camera with grommet around the lens if required to fully capture images of the bus while driving or stopped. The camera is not to be installed so as to hinder the sight of the driver at any time.
- D. On the exterior of the bus on the front left and right side and facing towards the rear of the bus, the awarded Bidder is to install a Safety Vision Series 830 Dome or 835 Wedge **“NO SUBSTITUTION”** water proof cameras installed so as to capture the complete side of the bus. Final camera selection and placement to be determined at the preconstruction conference.
- E. In the rear prisoner cage section # 3, install two (2) Safety Vision Series 830 Dome or 835 Wedge **“NO SUBSTITUTION”** tamper proof cameras. One (1) camera is to be installed on the rear bulkhead and is to face the front of the bus. The second camera is to be installed as close as possible to the front bulkhead that separates the prisoner cage sections. This camera is to be facing the rear of the bus. The cameras are to be installed to completely cover this prisoner cage area so there are no blacked out areas. Final camera selection and placement to be determined at the preconstruction conference.
- F. In prisoner cage section # 1 and # 2, install one (1) Safety Vision Series 830 Dome or 835 Wedge **“NO SUBSTITUTION”** camera in each section. The camera in each section is to be installed to completely cover the prisoner cage area so there are no blacked out areas. Final camera selection and placement to be determined at the preconstruction conference.

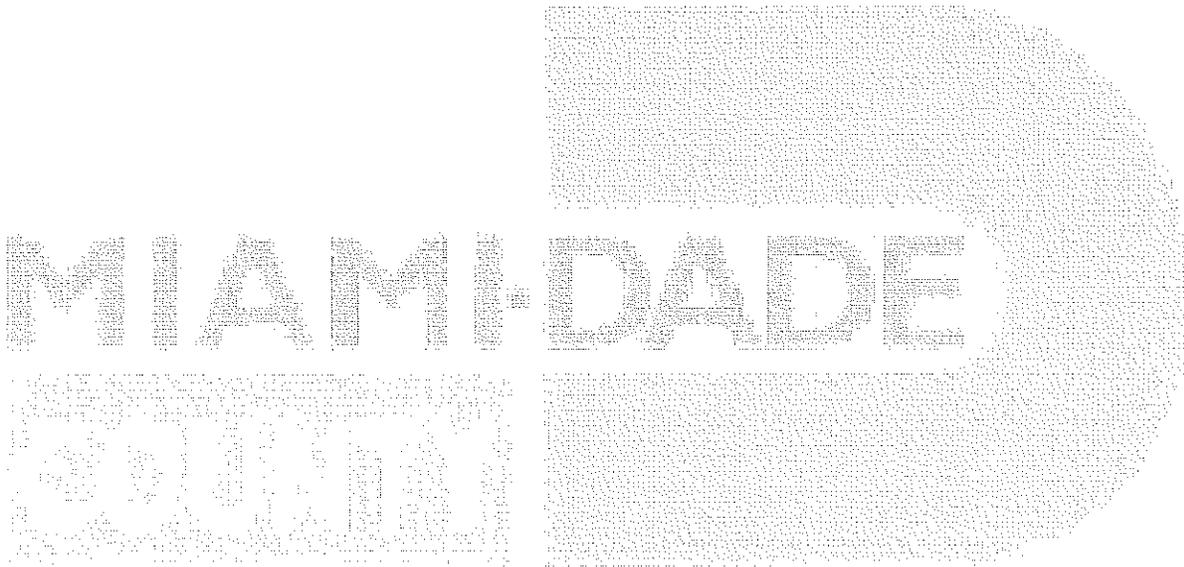
3.19 Fire Suppression System

The awarded Bidder shall install a sufficiently sized AFEX Dual Agent Fire System **“NO SUBSTITUTION”** automatic discharge fire suppression system that is appropriately sized and with the proper amount of fire suppression nozzles to combat fires in the areas cited below. The fire protection panel and audible alarm for the system must be installed in an area in plain sight and easy to hear by both the driver of the bus and guards in their seated positions.

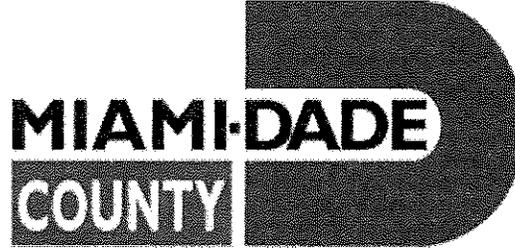
- A. Complete engine and transmission compartment(s)
- B. Battery compartment

3.20 Paint

The bus body is to be painted in a white exterior color. The paint is to be a Dupont Imron 5000 single stage paint with an additional coat of Dupont Imron clear coat over it. The front and rear bumpers are to be painted in black exterior color. The paint is to be a Dupont Imron 5000 single stage paint. The rims are to be power coated in a black color.



OPENING: 6:00 P.M.
THURSDAY
APRIL 24, 2014



MIAMI-DADE COUNTY, FLORIDA

I N V I T A T I O N
T O B I D

TITLE:

MDCR PRISONER TRANSPORT BUSES

BIDS WILL BE ACCEPTED UNTIL 6:00 PM
ON April 24, 2014

FOR INFORMATION CONTACT:

Tracey Jones, 305-375-4803, tjones@miamidade.gov

IMPORTANT NOTICE TO BIDDERS/PROPOSERS:

- READ THE ENTIRE SOLICITATION DOCUMENT, THE GENERAL TERMS AND CONDITIONS, AND HANDLE ALL QUESTIONS IN ACCORDANCE WITH THE TERMS OUTLINED IN PARAGRAPH 1.2(D) OF THE GENERAL TERMS AND CONDITIONS.
- THE SOLICITATION SUBMITTAL FORM CONTAINS IMPORTANT INFORMATION THAT REQUIRES REVIEW AND COMPLETION BY ANY BIDDER/PROPOSER RESPONDING TO THIS SOLICITATION.
- FAILURE TO COMPLETE AND SIGN THE SOLICITATION SUBMITTAL FORM WILL RENDER YOUR PROPOSAL NON-RESPONSIVE.

**PROJECT OVERVIEW:**

The purpose of this solicitation is to establish a contract for the purchase of eight (8) prisoner transportation buses for the Corrections and Rehabilitation Department in accordance with Section 3 of this solicitation entitled "Technical Specifications".

GENERAL TERMS AND CONDITIONS:

All general terms and conditions of Miami-Dade County Procurement Contracts are posted online. Bidders/Proposers that receive an award from Miami-Dade County through Miami-Dade County's competitive procurement process must anticipate the inclusion of these requirements in the resultant Contract. These standard general terms and conditions are considered non-negotiable subject to the County's final approval.

All applicable terms and conditions pertaining to this solicitation and resultant contract may be viewed online at the Miami-Dade County Procurement Management website by clicking on the below link:

<http://www.miamidade.gov/procurement/library/boilerplate/general-terms-and-conditions-r14-3.pdf>

NOTICE TO ALL BIDDERS/PROPOSERS:

Electronic bids are to be submitted through a secure mailbox at BidSync (www.bidsync.com) until the date and time as indicated in this Solicitation document. It is the sole responsibility of the Bidder/Proposer to ensure their proposal reaches BidSync before the Solicitation closing date and time. There is no cost to the Bidder/Proposer to submit a proposal in response to a Miami-Dade County solicitation via BidSync. Electronic proposal submissions may require the uploading of electronic attachments. The submission of attachments containing embedded documents or proprietary file extensions is prohibited. All documents should be attached as separate files.

For information concerning technical specifications please utilize the question/answer feature provided by BidSync at www.bidsync.com within the solicitation. Questions of a material nature must be received prior to the cut-off date specified in the solicitation. Material changes, if any, to the solicitation terms, scope of services, or bidding procedures will only be transmitted by written addendum. (See addendum section of BidSync site).

Please allow sufficient time to complete the online forms and upload of all proposal documents. Bidders/Proposers should not wait until the last minute to submit a proposal. The deadline for submitting information and documents will end at the closing time indicated in the solicitation. All information and documents must be fully entered, uploaded, acknowledged (Confirm) and recorded into BidSync before the closing time or the system will stop the process and the response will be considered late and will not be accepted.

PLEASE NOTE THE FOLLOWING:

No part of your proposal can be submitted via **HARDCOPY, EMAIL, OR FAX**. No variation in price or conditions shall be permitted based upon a claim of ignorance. Submission of a proposal will be considered evidence that the Bidder/Proposer has familiarized themselves with the nature and extent of the work, and the equipment, materials, and labor required. The entire proposal response must be submitted in accordance with all specifications contained in the solicitation electronically.
