

SECTION 2 – SPECIAL TERMS AND CONDITIONS

2.1 PURPOSE

The purpose of this solicitation is to purchase a “Turnkey” Maritime Support and Command Unit, to be use by Miami-Dade Fire Rescue (MDFR). The unit described in Section 3, Technical Specifications, once procured will become part of Miami-Dade County existing fleet inventory.

2.3 TERM OF CONTRACT

This contract shall commence upon the date of the purchase order and shall remain in effect until such time as the unit is acquired, has been accepted by the County’s authorized representative and upon completion of the expressed and/or implied warranty periods.

2.2 METHOD OF AWARD

2.2.1 Award of this solicitation will be made to lowest priced responsive and responsible Bidder who submits an offer for the complete “Turnkey” unit as stated in Section 4.0 and who meet the qualification criteria listed below.

Minimum Qualifications

- A. The Bidder or Bidder’s supplier and/or subcontractor shall be a licensed truck dealer in the state of Florida per statute 320.27. Bidders must supply a copy of the dealer’s license with the Bid Submittal. Registration of the vehicle must be completed by the entity registered with the State of Florida as an authorized dealer.
- B. The Bidder shall be regularly engaged in the business of providing trucks and related equipment. In order to meet this requirement, the Bidder shall provide three (3) reference letters or contact information with their submittal of “Like” vehicles that the Bidder has built. Reference letters or contact information shall be from customers currently receiving or have received related equipment (trucks) from the Bidder within the past three (3) years. The letter or contact information shall include at a minimum the company name, address, contact name, title, e-mail address, telephone number, and length of service to verify that the Bidder has successfully provided the services described herein. The County, at its sole discretion, may request additional information in order to assess the Bidder’s responsibility.
- C. The Bidder shall be: 1) Have a service facility located in Miami-Dade or Broward County or 2) Provide proof of having a mutual agreement with a certified dealer or service facility of the same manufacturer or fabricator located in Miami-Dade or Broward County, capable of delivering and supporting the proposed sale in the manner described in subsequent paragraphs of this solicitation. The facility must be capable of performing warranty repairs and supplying needed parts and will be subject to the approval of the County. Bidders must provide documentation demonstrating compliance with this requirement.

Note: The County reserves the right to inspect any service facility for compliance with parts supply and service requirements at any time during the life of this contract. Failure to comply at any inspection point will result in the disqualification of that Bidder.

2.4 WARRANTY

The awarded Bidder shall provide at minimum the warranty terms as defined in this solicitation. The warrant offered shall be subject to a *Delay in Start Warranty Program* (commence when the vehicle is put into service), if available from the vehicle's manufacturer. It is the sole responsibility for the awarded Bidder to register all vehicles and component warranty with the perspective manufacturers when required. The Bidder shall provide full warranty on all equipment regardless of the manufacture for a minimum period of one (1) year after the "Turnkey" unit has been accepted by the County.

A) CORRECTING ANY EQUIPMENT DELIVERY DEFICIENCY

The Bidder shall be responsible for promptly correcting any equipment delivery deficiency, at no cost to the County, within five (5) 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 Bidder and charge the Bidder for any additional costs that are incurred by the County either through a credit memorandum or through invoicing.

B) CORRECTING DEFECTS COVERED UNDER WARRANTY

Bidder(s) shall promptly correct any deficiencies, at no cost to the County, within five (5) calendar days after the County notifies the Bidder of such deficiency either verbally or in writing. If the Bidder fails to correct the defective work or replace the damaged part within the period specified, the County may, at its discretion, notify the Bidder, for the second time in writing that the Bidder may be subject to contractual default which may lead to termination if the corrections or replacements are not completed to the satisfaction of the County within the time defined in the notice to cure. If the Bidder fails to satisfactorily complete the corrections and/or replace the damaged part as detailed in the notice to cure, the County may procure the parts and/ or services from another Bidder and charge the incumbent any additional costs that are incurred by the County for this work or items; either through a credit memorandum or through invoicing.

C) ACCEPTANCE OF PRODUCT BY THE COUNTY

The product(s) to be provided hereunder shall be delivered to the County, and maintained if applicable to the contract, in full compliance with the specifications and requirements set forth in this contract. If a Bidder-provided part is determined to not meet the specifications and requirements of this contract, either prior to acceptance or upon initial inspection, the item will be returned, at Bidders' expense, to the Bidder. At the County's own option, the Bidder shall either provide a direct replacement for the part, or provide a full credit for the returned part. The Bidder shall not assess any additional charge(s) for any conforming action taken by the County under this clause.

2.5 DELIVERY

2.5.1 GENERAL

Delivery is required within two hundred and forty (240) 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 the best commercial practices. All equipment delivered must be in full compliance with the specifications and requirements described on this solicitation and resultant contract, and must be in excellent new condition. Upon verification of compliance with these requirements the County will accept the delivered equipment.

2.5.2 PERFORMANCE PENALTIES

Upon failure to deliver the equipment in accordance with best commercial practices, excellent ready to work condition, and full compliance with the specifications and requirements to the County within the number of days stipulated above, the awarded Bidder may be subject to performance penalties in the amount of \$100.00 for each and every calendar day that the "Turnkey" unit is not delivered in acceptable condition. These penalties are in addition to other remedies and timetable requirements listed herein.

2.5.3 VEHICLE REGISTRATION

Pursuant to the terms and conditions of the contract, all items delivered must include all manufacturer's standard equipment and warranties.

The County will issue payment after completion of items (a) and (b) below:

- a) All delivered units are successfully inspected for compliance with all requirements and accepted (including delivery of the required manuals as specified below), by the County.

- b) All documentation described in the Purchase Order has been received as stipulated therein. The language that will appear in the 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.
- d) All documents must be properly filled out and completed, signed and notarized by an authorized individual with no strike-overs on any documents. Non-compliance will result in payment delays.

The invoice is to be made out to the name of the department as indicated on the Purchase Order and mailed to the same address as shown on the Purchase Order.

2.6 RELATED EXPENSES/TRAVEL EXPENSES

The Bidder's firm fixed costs requested in this solicitation and submitted by a Bidder, must include any costs for travel and miscellaneous expenses. No additional costs will be accepted by the County.

2.7 SPECIAL CONDITIONS

- 2.7.1** 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 does not meet the required specifications must be accompanied by a letter on the Bidder's company letterhead identifying those differences and describing how compliance with the required specifications is to be accomplished. Failure to comply with this requirement may result in the rejection of the Bidder's offer for failure to meet the required specifications.
- 2.7.2** The Bidder(s) may be required to demonstrate the equipment which has been proposed, for evaluation by and at no cost to the County. Should the equipment bid be a custom fabrication or one time build item, the County, at its discretion, may accept a demonstration of similar equipment manufactured by the Bidder. The purpose of the demonstration is to observe the equipment in an operating environment and verify its capability, suitability, and adaptability in conformance with the performance requirements stipulated in this solicitation. If a demonstration is required, the County will notify the awarded 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 offer or to re-schedule the demonstration, whichever course is determined by the County to be in the County's best interest. The County shall be the sole judge of the acceptability of the equipment in conformance with this solicitation and its decision shall be final. Regardless of the unit demonstrated the final delivered product must conform fully to all solicitation requirements.
- 2.7.3** The "Turnkey" unit furnished by the Bidder shall be new and the most recent model available. Demonstration units are not acceptable. Any optional components that are required in accordance with the work tasks described in these technical specifications or within this solicitation shall be considered standard equipment for the purposes of this solicitation. Any optional components that are recommended by the vehicles' 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 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.

- 2.7.4** The unit shall conform to all applicable Occupation Safety and Health Administration (OSHA), State and Federal and American National Standard Institute (ANSI) requirements and standards, and Department of Transportation (DOT) regulations. All components and included craftsmanship are to be in accordance with current SAE standards and recommended practices. The engineering, materials and workmanship shall exhibit a high level of quality and appearance consistent with or exceeding the best industry standards.
- 2.7.5** The initial equipment and features required are listed in this solicitation. During the full term of the contract, the County may (after delivery and acceptance of the initial equipment ordered) make additional changes to the required equipment or equipment options included in the delivered vehicle. A contingent amount may be set aside by the County to allow additional changes up to seven (7) percent of the awarded contract value upon written mutually agreement between the Bidder and the County. Solicitations 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.

2.8 PRODUCTION/PROTOTYPE INSPECTION

The awarded Bidder shall be required to provide for an on-site production / prototype inspection of the 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 on-site production/prototype inspection will be borne by the County.

2.9 FEDERAL REQUIREMENTS

COMPLIANCE WITH FEDERAL REQUIREMENTS

All goods and/or services to be purchased as a result of any award under this solicitation shall be in accordance with all applicable governmental standards, including, but not limited to those issued by the Occupation Safety and Health Administration (OSHA), the National Institute of Safety Hazards (NIOSH), and the National Fire Protection Association (NFPA). It shall be the responsibility of Bidders to be regularly informed to conform to any changes in standards issued by any regulatory agencies that govern the commodities or services applicable to this solicitation, during the term of any contract resulting from this solicitation.

Rights to Inventions Made Under a Contract or Agreement. If the Federal award meets the definition of "funding agreement" under 37 CFR § 401.2 (a) and the County wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental,

developmental, or research work under that “funding agreement,” the County must comply with the requirements of 37 CFR Part 401, “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by the awarding agency.

Pursuant to 2 CFR, Part 200.318(i) (1), ISD-SPD and client departments will maintain records sufficient to detail the history of partially or fully federally funded procurements. These records will include, but are not necessarily limited to the following: rationale for the method of procurement, selection of contract type, contractor selection or rejection, and the basis for the contract price. Further, ISD-SPD and client departments will comply with all applicable requirements in 2 CFR, Part 200, 200.333-200.337 Records Retention and Access.

Pursuant to 2 CFR, Part 200.318(j) (1), the County may use a time and materials type contract for partially or fully federally funded acquisitions only after a determination has been made that no other contract type is suitable and if the contract includes a ceiling price that the contractor exceeds at its own risk. Time and materials type contract means a contract whose cost to the County is the sum of: the actual cost of materials; and direct labor hours charged at fixed hourly rates that reflect wages, general and administrative expenses, and profit. Since this formula generates an open-ended contract price, a time-and-materials contract provides no positive profit incentive to the contractor for cost control or labor efficiency. Therefore, each contract must set a ceiling price that the contractor exceeds at its own risk. Further, the County will assert a high degree of oversight in order to obtain reasonable assurance that the contractor is using efficient methods and effective cost controls

Pursuant to C.F.R. 200.321 (g) Contracting with Small and Minority Business, Women’s Business Enterprises, and Labor Surplus Area Firms, the County will take all necessary affirmative steps to assure that minority businesses, women’s business enterprises, and labor surplus area firms are used when possible.

Affirmative steps must include:

- (1) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
- (2) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
- (3) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
- (4) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises;
- (5) Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce; and

Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (1) through (5) above.

When goods and/or services will be purchased, in part or in whole, with federal funding, and/or to meet Federal Emergency Management Agency's (FEMA) reimbursement, the Bidder hereby assures and certifies to the County that it will comply with:

- A. Section 60-250.4, Section 60-250.5 and Section 60-741.4 of Title 41 of the United States Code, which addresses Affirmative Action requirements for disabled workers, is incorporated into this solicitation and any resultant contract by reference.
- B. The Contract Work Hours and Safety Standards Act of 1962, 40 U.S.C. 327, et seq., requiring that mechanics and laborers (including watchmen and guards) employed on federally assisted contracts be paid wages of not less than one and one-half times their basic wage rates for all hours worked in excess of forty hours in a work-week.
- C. The Federal Fair Labor Standards Act, 29 U.S.C. s. 201, et seq., requiring that covered employees be paid at least the minimum prescribed wage, and also that they be paid one and one-half times their basic wage rates for all hours worked in excess of the prescribed work-week.
- D. The Clean Air Act of 1955, as amended, 42 U.S.C. 7401-7671q and the Federal Water Pollution Control Act, 33 U.S.C. 1251-1387.
- E. The mandatory standards and policies relating to energy efficiency which are contained in the State energy conservation plan issued in compliance with the Energy Policy and Conservation Act, P.L. 94-163.
- F. Section 6002 of the Resource Conservation and Recovery Act (RCRA), as amended (42 U.S.C. 6962), including but not limited to the regulatory provisions of 40 CFR Part 247, and Executive Order 12873, as they apply to the procurement of the items designated in Subpart B of 40 CFR Part 247.
- G. The Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)— In accordance with 31 U.S.C. 1352, the Bidder must provide a certification to the Procuring Agency that the Bidder has not and will not use Federal appropriated funds to pay any person or organization to influence or attempt to influence an officer or employee of any Federal department or agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352.) A bid, which does not include this certificate, may be considered non-responsive. Bidders that apply or bid for an award exceeding \$100,000 must file the Byrd Anti-Lobbying Amendment Certification Form.
- H. C.F.R. pt. 180 and 2 C.F.R. pt. 3000. The Bidder shall verify that none of the Bidder, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935). By submitting the Suspension and Debarment Certification Form, the Bidder certifies its compliance with this requirement.
- I. C.F.R. 200.321. If the Bidder is a prime contractor, and if subcontracts are to be let, the Bidder will take the following affirmative steps:
 - i. Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
 - ii. Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
 - iii. Dividing total requirements, when economically feasible, into smaller tasks or quantities to

- permit maximum participation by small and minority businesses, and women's business enterprises;
- iv. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises;
 - v. Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce;
- J. All other applicable requirements in 2 CFR, Part 200, 200.317-200.326 Procurement Standards.
- K. All applicable requirements in 2 CFR, Part 200, 200.333-200.337 Records Retention and Access.

2.10 **EXEMPTION FROM CERTAIN CLAUSES**

Due to the funding source, the following clauses within Section 1.0 do **NOT** apply to this contract.

- a) **PROMPT PAYMENT TERMS (SECTION 1, H)** - In accordance with CFR 200.319(b) payment terms under sections 2-8.1.1.1.1 or 2-8.1.1.1.2, respectively, that are a SBE contract set-aside, bid preference or contain a subcontractor goal, shall not apply to federally funded purchases.
- b) **LOCAL PREFERENCE** - In accordance with CFR 200.319(b), section 1.47 local preference will shall not apply to federally funded purchases.
- c) **COUNTY USER PROGRAM** - In accordance with CFR 200.319(b), section 1.48 county user access program (UAP) shall not apply to federally funded purchases.
- d) **SMALL BUSINESS ENTERPRISES (SBE) MEASURES** - In accordance with CFR 200.319(b), section 1.49 small business enterprises (SBE) measures shall not apply to federally funded purchases.
- e) **LOCAL CERTIFIED VETERAN'S BUSINESS ENTERPRISE PREFERENCE** - In accordance with CFR 200.319(b), section 1.50 local certified veteran's business enterprise preference shall not apply to federally funded purchases.
- f) **FIRST SOURCE HIRING REFERRAL PROGRAM ("FSHRP")** - In accordance with CFR 200.319(b), section 1.51 FSHRP shall not apply to federally funded purchases.
- g) **OFFICE OF THE INSPECTOR GENERAL (IG) CONTRACT FEE** - In accordance with Section 2-1076 of the Code of Miami-Dade County, the IG contract fees shall not apply to Federally Funded purchases.
- h) **MIAMI-DADE COUNTY LIVING WAGE ORDINANCE** - The Living Wage Ordinance, Section 2-8.9 of the Code of Miami-Dade County, does not apply to purchases that are entirely Federally Funded.



SECTION 3 – TECHNICAL SPECIFICATIONS

3.0 SCOPE OF WORK

The Miami-Dade Fire Rescue (MDFR) department is seeking submittals for the purchase of a “Turnkey” Maritime Support and Command Unit, in accordance with these specifications’ requirements. All of the manufacturer’s standard equipment for retail sales must be included, and the vehicle must be manufactured using only the best commercial practices and comply with all applicable Florida Department of Transportation (FDOT), Occupational Safety and Health Administration (OSHA), Society Automotive Engineers (S.A.E), International Organization of Standardization (ISO), Federal Motor Vehicle Safety Standards (FMVSS), American National Standards Institute (ANSI), and American Society of Mechanical Engineers (ASME) standards for this vocation. Unless otherwise specified these units shall be operated in predominantly on-road and on-highway conditions. In addition, the specifications mentioned on this solicitation are the minimum requirements and the County at its sole discretion may accept an approved equal for a Maritime Support and Command Unit, turnkey purchase.

Note: All the required connectors mounted for electrical, air brakes and emergency brakes are to be provided with this turnkey purchase. In addition, all wiring resulting from these connectors must provide a turning ratio of no less than 120 degrees.

3.1 GENERAL INFORMATION – CHASSIS & CAB

Year	2019 or Newer
Manufacturer	Kenworth
Model	T880 Series Conventional Tractor - 76" SLPR Automated REV4 Integral Mid-Roof Aerodyne Hood T880 Standard Length. Bright Engine Air Intake
Condition	New

3.2 TRANSMISSION

Transmission	Manual
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Number of Speeds	13
Model	Eaton Ultra-Shift PLUS F018E313A-MHP UltraShift Plus 13 Speed w/Hill Start Aid Feature Driveline: 2 Meritor RPL25 ; 1 Center-bearing. 14 in Eaton Fuller high capacity oil to water

3.3 ENGINE

Engine Type	Cummins ISX15 565 Standard speed of 75 MPH, 120 Max Speed, 75 MPH pedal assist, "NO" Engine protection shutdown, 1400 RPM Max PTO Speed, enable Idle shutdown park brake, engine idle shutdown disable,
Power Output	565 HP @ 2,000 rpm
Torque Output	1,850 ft. lbs. @ 1,150 rpm
Gauge	Engine Oil Temperature Gauge with Integral warning light. Two Spare switches wired to power.

3.4 ELECTRICAL SYSTEM

Alternator	Leece Neville 270 AMP long brush
Battery	Four dual purpose PACCAR threaded post, maintenance-free

3.5 CHASSIS

Wheelbase (normal position)	256"
Wheels	FR WHL Alcoa 89U64 22.5 X 9 AL Dura Bright Buffed Rear WHL Alcoa 89U64 aluminum 22.5 X 9 AL Dura Bright Buffed
Front Axle Weight Ratings	14,600



Rear Axle Weight Ratings	40,000
Color	Verde Mantis Lime Green 70% Lower , Silver Metallic 30% Upper and Black Frame
Cab to Axle	182 (inch)
Cab to EOF	247 (inch)
G.C.W	80,000 lbs.
Front Axle to BOC	74 (inch) Meritor MFS14 14.6K 3.5 in drop standard track
Overhang	65 (inch)

3.6 EXHAUST

Type	Horizontal RH side under CAB DPF/SCR tailpipe below rail
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3.7 BRAKES, WHEELS, TIRES, AND SUSPENSION

Rear Suspension	Tandem Kenworth Airglide AG400L Rear Suspension
Front Tires	Goodyear Endurance G182 RSA 12R22.5 16PR 75 mph rating
Rear Tires	Goodyear G182 RSD 12R22.5 16PR – 75 mph rating
Front brakes	Splined rotor for front Bendix RSD ADB22X air disc brakes for use with iron hubs
Rear brake	Splined rotor for dual rear air disc brakes for use with iron hubs
Front Springs	Taper-leaf 14.6K w/shock absorbers
Single Power Steering	16K TRW TAS85

3.8 FUEL

Tank	24.5" Round Aluminum – 100 Gallon Capacity multiple tank installation, fuel equalizing system, dual draw and return lines,
Primary Water Separator	Davco 382
Fuel Tank (Add-on)	Kenworth Fuel Cooler
Add-on	Medium round DEF tank. 20.7 gallons of usable volume LH Side Polished DPF/SCR or CNG Cover

3.9 Interior Requirements

Interior Package	Vantage Cab 76in Sleeper with HVAC System, 18 in Non-leather intergraded control steering wheel
Driver Seat	GT702 HB with DuraSupreme material and integral heat. Black seat with Black Stitching
Passanger Seat	GT702 HB with DuraSupreme material and integral heat. Black seat with Black Stitching
Driver and Passenger	Orange Seat Belts

3.10 Additional Requirements

CARB Idle Emission Reduction- Cummins
Immersion block heater 120V 1500W w/plug under



Jump start terminals under hood
Threaded bushings for taper-leaf springs
Bendix 4S/4M anti-lock brake system w/ air Bendix Wingman Advanced Adaptive CC w/ Collision
Battery box: Short length polished aluminum Battery box located Left side
Frame access grab handle(s) LH mounted Frame access steps: 2 ladder type LH mount
Short aluminum frame access deck plate, 24 in
Fifth Wheel: Fixed angle drilled for 8 additional settings, Jost JSK37USB-DB9X 8.85 in height. Outboard mounting angles, 50K vertical rating, LH retractable handle
Frame Rails: 10-5/8 x 3-1/2 x 5/16 in.
Bumper: Tapered polished aluminum channel
Removable Front Tow Hooks: 2
Brackets: Iron front spring drive. Included with front spring capacity of 16,000 lbs. or greater
Two rams horn open rear tow hooks, not for trailer towing
Quarter Fenders: Black Polypropylene w/ painted steel brackets
Tractor Taper bent & welded w/ heavy-duty cross member
5 sets of keys. Replaces standard 2 sets of keys
Driver Side Upper Storage Unit: Wardrobe Closet with Door and w/o Shelf for 76in Sleeper
Driver Side Lower Storage Unit: Open multi-purpose compartment with lower removable drawer
Rider Side Upper Storage Unit Open microwave compartment with tiedown. Standard 12 volt outlet and open storage compartment on top. Dimensions for the microwave compartment are 19.5 inches wide by 12.5 inches high by 15 inches deep.



Rider Side Lower Storage Unit: Organizing tray and lower open storage compartment w/ two shelves
Kenworth Radio with AM/FM/WB/CD/USB and Bluetooth. Base Level Audio System.
CB installation kit: Center mounted of header. W/header mounted quick release CB mount. One red power post & one black ground post. Includes dual antenna leads located on the mirror brackets. Includes dual antenna & separate speaker
Side Extenders: Mid Roof Sleeper. 4-piece set extends 19 inches from back-of-sleeper and includes 7 inch rubber trailing edge. Extender set includes lower sleeper and upper sleeper roof extenders
Wheel well Fender Extension: 2.5 Inches
Fog Light: With Clear Lens. Does Not Include rock screens
Dual Pedestal Floodlights: First Set
Marker Lights: Mid-frame & reflectors mounted standout
Electric Backup Alarm: Meets SAE J994 & OSHA requirements
Poly-switches replacing fuses
Aero Mirror dual side Motorized.
Tractor kit: Slide bar, spring hanger & composite glad hand/light plug holder mounted on back of cab/sleeper
Sleeper Pearl/Metallic Paint Sikkens or approved equivalent by MDFR Marine Chief
2 - Color Custom Design non-standard paint color– Sleeper – Lo Complex. Must submit design for County approval. No standard paint should be accepted. Verde Mantis 70% Bottom and 30% Silver Grey Top as approved by MDFR

3.11 TRAILER SPECIFICATIONS

3.12.1 General Information

- A. 53' shell. 265-70R19.5 Michelin tires 75 mph rating on aluminum wheels. Laminated hardwood floor. Dual 20K axles with air ride suspension, ABS air brakes. Spare tire/wheel. Kingpin setback: 36". 53'L x 102"W x 13'6"H.
- B. Two-sides - 10' expandable sections, HWH out and down model. 30" deep. With topper awning on one side.
- C. Dimensions:

King Pin to Landing Gear	88"
Height from the ground to the top of the trailer	132"
Trailer Width	96"
Back of the Trailer (To roof bow)	127 5/16"
Center of the Trailer (To roof bow)	144 3/16"
Front of the Trailer (To roof bow)	107 15/16"
Distance between wheel boxes	46"
Total weight on King Pin (Load & Trailer)	16,680 lbs.
Trailer empty ground weight	17,014 lbs.
Load weight	20,476 lbs.

3.12 EXTERIOR

Paint Exterior custom color	Exclude the upper or lower frame rails, Verde Mantis 70% Bottom and Silver Grey 30% Top
Thermal Roof Coating	UV/Thermal Load resistant coating - straight trailer
Undercoating	Corrosion & Stone chip resistance
Custom Exterior Graphics	To be determined by the MDFR in accordance with standard scheme
Powered Awning G-2000 Color: Black	16' x 99" projection, 12VDC Awning Motor, wind sensor, wireless wall switch & remote control, retractable, wall mounted "Curbside" RH Side.
Roof Mount Observation Deck 53'	full length Aluminum 42" safety folding perimeter railing
Access-ladder-Obs. deck-tail	Access required from the floor to the roof
Polished Aluminum Outer Wheels	polished aluminum Alcoa Dura-Bright Buffed outers only
Contour Fenders (per tire)	Stainless Steel fender. Per tire
Aluminum Roll Off	Conceal landing gear at trailer drop, finished off in black undercoat
2 New Door Opening / Framework-	Add door opening to existing Riveted trailer - side entry door open out and secure to the side of the trailer with a hasp.
2 Entry Door-Hollow Metal	Aluminum with panic bar and hidden closer



Add window to door	small window for safety main entrance command room
Aluminum Entry Steps	Shall include polished aluminum handrail
Aluminum Entry Step Box	2 steps, 24" wide, stores in belly boxes

3.13 INTERIOR

Urethane Insulation	Ceiling, floor and walls. 2" spray foam, no gaps, R-13.
Drop Ceiling 2x2	Standard Tiles and Grid, white or black
Partition Wall Framing	No door, for ends and HVAC plenum wall
Partition Wall	With pocket or swing door
Step to Front Deck	single step from main cabin to 5th wheel area
Four 1/4" steel tapping plate	(locations TBD, mount your hardware, 16"x16)
Rubber Tile Flooring	Rubber tiles installed in accordance to industry standard
Kemply wall coverings	Class A FRP Panel, White
Window (24"x48")	Four sliding and screened windows
Window Blinds w/custom Valance	Four vinyl "Grey" window blinds that open up close down
Clear air curtain	At rear fold down entrance and side trailer entrance.
Hatch Door in Roof	(roof access- 2' x 2' with interior ladder)
Custom Aluminum Base Cabinet (per ft)	16 feet of cabinets with measurements of 36"H x 26"D (2 doors, toe kick, one adjustable shelve). Built over wheel wells
Custom Aluminum Upper Cabinet (per ft.)	24 feet of cabinets flip up door w/ gas lifters, radius corners, with puck style light
Aluminum or Stainless steel Desktop/Countertop (per ft.)	Eight feet of 24" deep, with optional Bullnose. Over generator compartment.
Custom Aluminum Base Cabinet (per ft)	Three 36"H x 26"D (2 doors, toe kick, one adjustable shelve) rear countertop to be aluminum or stainless steel
Deck lift	One (1) split rail deck approx. 20'L. Tubular steel frame deck with HD tie down rail. 2-stage deck lifting hydraulic cylinders (4), 3/16" aluminum full width surface with black non-skid epoxy coating. 8K capacity interior lift
Movable Table (per ft.)	Stainless Steel table top, stationary legs. 3' x 6'

3.14 ELECTRICAL & LIGHTING

Generator, 20 kW Diesel	Generator Open Frame 60hz, 120/240v Single Phase
Auto Louvers	Per Pair, 30" x 30"
Generator Room in trailer	Minimum sound
Soundproofing	Generator housing
Remote Generator Panel	Remote start and monitoring
100-gallon fuel tank	Fuel tank to be located with the generator with filler valve accessible from ground level
Generator Fuel	Full upon Delivery
100 amp manual transfer switch	Required for on board generator to switch between power sources
240/120V Electrical Service - 100 Amp	(100 amp panel, breaker)

Shore Pwr. Connect Inlet	Hubbell or Meltric
100 Amp Shore Pwr. Cable	(50', 4 wire set)
Wall switch	Four (single way)
Wall switch	Four (3 way)
Interior Lights (110V)	Eight (2'x2' "Lay in" LED)
Interior Outlets (110V)	20 outlets (duplex)
Exterior Porch Lights 12v LED	Two Whelen 600 series surface mount
Exterior Scene Lights 12v LED	Six Whelen 900 series surface mount
Exterior flashing lights	12 Whelen M6D red/white flashing exterior
EXIT Signs	Two self-luminous exit sign-per door
Emergency 12v Lighting	12 volt battery powered LED Emergency Lights (up to 2 lights), flush mounted in ceiling, with relay and timer.
Wireway	Extruded aluminum raceway for cable/wire runs (per ft.) with removable door is preferred

3.15 TIE DOWN SYSTEM

Tie Down (installed)	Eight (8) -Duty Stainless Steel D-Rings
Aircraft Tie Down (installed)	Seventy-two (72) installed into the floor
Plastic Insert for above	Seventy-two (72) Snap-in HD plastic insert to dress-off / cover opening in Aircraft tie down
Tie Down Ring for above	Sixteen (16) (VT-1000) single stud tie down ring

3.16 ADDITIONAL REQUIREMENTS

Power Packer Landing Gears - Legs Only	Two mounted, requires hydraulics operation, 20.5" stroke, 24k ea.
Four Landing Gear Pads	Dica D2424 Medium Duty non-distorting outrigger pad
Raise/Lower Kit	Availability to raise & lower 2"-includes shock straps
Front Wall	Reinforced wall for HVAC
HVAC Wall Mount (3 ton)	Vertical Mount w/9 kw heat, 3-Ph 9.0 EER must maintain 68-degree Fahrenheit inside Command room and 73-degree Fahrenheit in rear compartment of trailer
HVAC startup certification	Full system check/verification (Per each HVAC unit/zone)
Installation	(Per each HVAC unit/zone)
Electronic Thermostat	Installation and full operational control per each HVAC unit/zone
Ductwork Installed	Fastened to roof bows per each HVAC unit/zone
Flex lines and diffusers (Straight Trailer)	Set 6" flex supply drops in ceiling w/grills & return grid
Safety Package	2 - CO / smoke detector 2 - 5 lb. ABC type dry-chem. fire extinguisher with aluminum wall mounts
Local Over-the Air Antenna	(1) Winegard Metrostar HD 360 OTA amplified digital antenna (1) Perfect Vision 831807 Low loss 14 way coaxial splitter OTA antenna (3) Panduit CMFIW Minicom F coupler(3) C2G 27226 F to

	F mini coax 3' (3) C2G 29675 3' High flex HDMI cables Installation of all MDFR supplied radios, antennas, Television's, and other Audio-Visual components as required.
Network drop	Seven CAT 6 Network outlets originated in 5th wheel
Steel Ramp Door	Fold down Gate with ramp mode 9,000 LB weight capacity
Expandable Hydraulic System	All required components for single and double expandable. (220V or 208V motor & pump, 12v backup, 20 gallon hydraulic tank, single or dual pole charge line, charging cables, battery charger, sliding table for hydraulic Power, pendant station, and hydraulic tank heater.

3.17 PRE-CONSTRUCTION CONFERENCE

The awarded Bidder shall be required to conduct a Pre-Construction Conference for five (5) 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 Pre-Construction Conference subject to concurrence by the County. Any costs incurred by these County officials in conjunction with the Pre-Construction Conference will be borne by the County. A complete water test of the expandable sections and other equipment shall be performed on all the equipment by the Bidder prior to delivery.

3.18 LITERATURE AND TRAINING

- A.** The As-Built Schematics below shall be furnished with the equipment order of each equipment type. All subsequent deliveries of that equipment type under this contract shall be built to match any and all changes, requiring a new set of revised schematics.
1. Electrical System
 2. Air Brake System
 3. Hydraulic systems
- B.** The awarded bidder shall provide the County the following:
1. One (1) comprehensive operator/driver training manual which describes the appropriate use of the equipment purchased.
 2. One (1) comprehensive repairs and parts manuals (maximum of 12 copies per model year) which identify the component parts and which describe the appropriate process for repairing the equipment purchased. This information may be provided by printed material, CDs/DVDs or through an online access to an appropriate website.
- C.** Training will take place at a Miami-Dade County facility or approved Bidder location and at no cost to the county at the County's sole discretion. Location, class room size, class dates and final student count to be determined at pre-construction conference

1. The awarded Bidder must have Operator Training available both “on the job” and “in the classroom”, and have suitable staff, programs for a minimum (20) hours of training.
2. The awarded Bidder must have Maintenance and Repair Training Programs available to no less the 5 County employees for a minimum of two (10) hours of maintenance and repair training.
3. The awarded Bidder must provide Tractor and the Support Trailer Training for a minimum of forty (40) hours for a minimum of five (5) County employees.

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SECTION 4 – BID SUBMITTAL FORM

Bidder's Name: _____

<u>Item</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>
1	"Turnkey" Maritime Support and Command Unit	1	\$ _____

<u>Item</u> 2.2.1	<u>Description</u>	<u>Check / Submitted</u>
A	Be a licensed dealer (if appropriate for trucks) in the state of Florida as per statute 320.27. Bidders must (if applicable) supply a copy of their dealer's license with the bid submittal.	<input type="checkbox"/>
B	The Bidder shall be regularly engaged in the business of providing trucks and related equipment. In order to meet this requirement, the Bidder shall provide three (3) reference letters or contact information with their submittal of "Like" vehicles that the Bidder has built. Reference letters or contact information shall be from customers currently receiving or have received related equipment (trucks) from the Bidder within the past three (3) years. The letter or contact information shall include at a minimum the company name, address, contact name, title, e-mail address, telephone number, and length of service to verify that the Bidder has successfully provided the services described herein. The County, at its sole discretion, may request additional information in order to assess the Bidder's responsibility.	<input type="checkbox"/>
C	The Bidder shall be: 1) Have a service facility located in Miami-Dade or Broward County or 2) Provide proof of having a mutual agreement with a certified dealer or service facility of the same manufacturer or fabricator located in Miami-Dade or Broward County, capable of delivering and supporting the proposed sale in the manner described in subsequent paragraphs of this solicitation. The facility must be capable of performing warranty repairs and supplying needed parts and will be subject to the approval of the County. Bidders must provide documentation demonstrating compliance with this requirement.	<input type="checkbox"/>