

FSA20-EQU18.0, Heavy Equipment

Group: TRAILER: Waste Trailer with Walking Floor - 48`

Item: 460, Mac Trailer, TNSP48MF, TNSP48MF

Zone	Rank	Vendor	Price	Build File	Options File
Western	Primary	Trucks & Parts of Tampa, LLC	\$78,180.00	Build	Options
Northern	Primary	Trucks & Parts of Tampa, LLC	\$78,180.00	Build	Options
Central	Primary	Trucks & Parts of Tampa, LLC	\$78,180.00	Build	Options
Southern	Primary	Trucks & Parts of Tampa, LLC	\$78,180.00	Build	Options



CONTRACT ORDERING INSTRUCTIONS

The Florida Sheriffs Association Cooperative Purchasing Program welcomes you to utilize the Cooperative Purchasing Program at no cost to our purchasers. However, as a user of the program, we do request you to submit copies of all purchase orders when using the FSA CPP. Send your PO copies to COOP@flsheriffs.org

This document is designed to assist you through the purchasing process as outlined in Section 3.20 Order, of the Contract Terms and Conditions. Please familiarize yourself with the Contract Terms and Conditions sections that apply to “purchasers.” A link to this document is found on each contract page.

- 1) For a complete list of offerings, select the appropriate contract from the [Cooperative Purchasing Program](#) home page.

FSA CPP currently has 6 competitive contracts:

- | | |
|--|--|
| ✓ Pursuit, Administrative and other Vehicles | ✓ Fire Rescue Vehicles and Other Equipment |
| ✓ Heavy Trucks | ✓ Ambulances and Other Equipment |
| ✓ Heavy Equipment | ✓ Tires |

- 2) Under Products and Services Available, locate the product group for your purchase interest. Each group provides a drop-down list of all products by expanding the group bar by selecting the arrow to the left of the group name.
- 3) If options need to be added to the base product, locate the options that correspond with each awarded vendor for each product specification number. All options must be discounted, and proof of discounts can be requested from the vendor.
- 4) Once your product is located, contact the awarded vendor for your zone for a quote using the Vendor Directory located just under the CPP logo on each contract page. While it is recommended that an agency purchase from the zone which is closest to their location, it is not mandatory to do so. If the purchaser determines that a vendor in another zone can better serve the purchaser’s needs, the purchaser may order from a vendor in another zone. Vendors that provide vehicles or equipment outside of an awarded zone may upon mutual agreement between the vendor and the purchaser charge a delivery fee.
- 5) For vehicle purchases, be sure to include your manufacturer code on your purchase order and request that the vendor use your code to enable you to track your vehicles in production. Also, please include the FSA codes on your PO. The FIN/FAN/Certification Codes for the FSA are:

Manufacturer	Code Type	FSA Code	Contact
Ford	FIN	QE065	1-800-343-5338
Fiat Chrysler Automobiles	FAN	917872	1-800-999-3533
General Motors	FAN	49313	1-800-353-3867
Nissan	Certification	FSA	FleetDistribution@Nissan-usa.com
Toyota	FIN	GE159	1-800-732-2798

- 6) Delivery or due dates should be discussed with the vendor at the time the quote is provided to the purchaser, or if no quote is provided, prior to when the purchase order is delivered to the vendor. It is important to note that vendors do not have any control over production delays in schedules from the manufacturer.



CONTRACT ORDERING INSTRUCTIONS

- 7) A purchaser issues a purchase order to the vendor, that should include:
- Awarded vendor name and address per contract
 - The contract number and title
 - Specification number and vehicle description
 - Purchaser's federal identification number
 - Name, phone number and email address for the point of contact at the purchasing agency
- 8) **The purchaser should forward an executed copy of the purchase order to the FSA at the same time the purchase order is sent to the vendor. Emails are acceptable. Emails can be sent to coop@flsheriffs.org.**

We hope you enjoy your purchasing experience with our Florida Sheriffs Association Cooperative Purchasing Program and don't forget to send us a copy of your purchase order. We are available should you have questions.

FSA20-EQU18.0**Item: 460 - TRAILER: Waste Trailer with Walking Floor - 48'****Trucks & Parts of Tampa, LLC****Base Price - All Four Zones: \$78,180.00****Options**

Order Code	Delete Options	Deduct
96W	Downgrade to 96" Wide	\$ 1,195.00
TIPPER	Delete Option - Specify: Tipper Trailer	\$ 14,910.00
Order Code	Add Options	Add
53FT	Upgrade to 53' length trailer, Includes Longer Sub-Frame & DOT Bumper for Suspension Being Set Forward, 41' Florida Law	\$ 5,030.00
LPF	Leak proof floor, Keith Leak Proof Floor	\$ 10,075.00
HDEFLOOR	Optional floor slat, Keith 2301, 3/4" Impact Triple Ridge Floor Slots	\$ 2,748.00
HFT	Hydraulic flip tarp, Donovan Single Side Flip	\$ 7,365.00
12INCH	12" crossmembers, 12" Cross-Member Spacing	\$ 230.00
OVLY	.175 overlay inside 10', .175" Overlay On Rear 10" of Trailer	\$ 2,425.00
STG	Rubber seal on tailgate, Sealed Tailgate	\$ 210.00
9LEAF	9 Leaf Spring Suspension	\$ 480.00
11R245	11R24.5 Radial Tires, 24.5 Tires & Rims	\$ 365.00
SMSIDE	Optional Equipment - Specify: Smooth Side Trailer	\$ 2,239.00
CATWALK	Optional Equipment - Specify: Catwalk & Ladder on Bulkhead	\$ 736.00
BFRIMS	Optional Equipment - Specify: Buffed Aluminum 22.5 Rims	\$ 1,365.00
ELECTRICTARP	Optional Equipment - Specify: Roll-Rite Electric Side Roll Tarp Systems	\$ 4,765.00
WARRANTY	Warranty - 1 Year Included	

BID AWARD

CONTRACT

FSA20-EQU18.0

HEAVY EQUIPMENT

Contract Term:
October 1, 2020– September 30, 2023

Cooperative Purchasing Program

Coordinated By

The
Florida Sheriffs Association
&
Florida Association of Counties





Protecting, Leading & Uniting...since 1893

FLORIDA SHERIFFS ASSOCIATION

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www.flsheriffs.org  

Date: October 1, 2020

To: All Perspective Participants

From: Steve Casey, Executive Director
Craig Chown, CPP Manager

Re: Contract Number FSA20-EQU18.0 Heavy Equipment

We are pleased to announce that the Florida Sheriffs Association has successfully completed its 18th cooperative competitive bid for heavy trucks. This contract is in effect beginning October 1, 2020 through September 30, 2023.

This year's bid award included 404 specifications and makes and models for heavy trucks.

The competitive process for this award began in April 2020, when stakeholders were surveyed regarding procurement needs. Specifications were developed based on prior year activity and new additions were added based on survey results and the Fleet Advisory Committee's review of products.

An advertisement of the Invitation to Bid was placed within the FSA website and Florida Administrative Weekly on April 22, 2020. On June 2, 2020, a direct notification was sent to 511 prospective bidders to register for qualification to participate in the bid process for heavy trucks and heavy equipment. From this ITB, 206 bidders responded to the pre-bid meeting registration or request for qualified waiver for FSA approval. Of these respondents, 84 submitted bids and 79 qualified, responsive bidders were awarded after a review by the FSA and the FSA Fleet Advisory Committee.

The Florida Sheriffs Association Cooperative Purchasing Program has followed the Contract Terms and Conditions to procure this contract.

Contract prices are extended and guaranteed to any local government or political subdivision of the state, public educational institutions, other public agencies or authorities with the State of Florida, and other entities approved by the manufacturer to participate in this contract.

Out of state sales are permitted under this contract. All purchasers are bound by their local governing purchasing ordinances, rules and regulations. All awarded vendors are governed by their manufacturer agreements and the Contract Terms and Conditions.

List of Awarded Vendors in Alphabetical Order for FSA20-VEH18.0 Heavy Equipment:

1. ACF Standby Systems, LLC
2. AG-PRO LLC
3. ALAMO GROUP (TX) INC
4. Aljon By C&C Manufacturing
5. Alta Construction Equip. Florida, LLC
6. Ameri-Recreational Sports, LLC
7. Applied Concepts, Inc.
8. ARI Phoenix, Inc.
9. ATMAX Equipment Co
10. Bandit Industries
11. BBA PUMPS
12. Beck Chrysler Dodge Jeep
13. Bush Hog, Inc
14. CDPW, Inc.
15. Certified Lift Installation & Maint. Corp
16. CLARK EQUIPMENT COMPANY
17. Club Car LLC
18. Container Systems & Equip. Co., Inc.
19. Cowin Equipment Company
20. Crimson Technology Products, LLC
21. DeLand Truck Center, Inc.
22. Dobbs Equipment, LLC
23. Doosan Infracore North America LLC
24. Embankscape Equipment LLC
25. Energreen America Inc
26. Environmental Products Group, Inc.
27. Envision Solar International Inc.
28. Everglades Equipment Group
29. Federal Contracts Corp
30. Florida Coast Equipment, Inc.
31. Futch`s Tractor Depot, inc
32. GapVax, Inc.
33. Genset Services, Inc.
34. Glade & Grove Supply Co LLC
35. Great Southern Equipment Co.
36. Green Thumb Palm Beach
37. Holland Pump Company
38. Humdinger Equipment, Ltd.
39. Jeffrey-Allen Inc.
40. JOBBERS EQUIPMENT WAREHOUSE INC
41. K&K Systems, Inc.

List of Awarded Vendors in Alphabetical Order for FSA20-VEH18.0 Heavy Equipment (Continued):

42. Kelly Tractor Co
43. L.J. POWER, Inc.
44. Linder Industrial Machinery
45. McKibben Motorsports LP, Inc
46. McKibben Powersports, Inc
47. Menzi USA Sales, INC.
48. Mersino Dewatering
49. Mid Florida Diesel, Inc
50. MTD Products Company
51. MWI Corporation
52. National Equipment Dealers, LLC
53. Pantropic Power
54. Pat`s Pump & Blower
55. Power & Pumps, Inc.
56. Rechtien International Trucks, Inc.
57. RhinoAg, Inc.
58. RIDGE EQUIPMENT CO., INC.
59. Ring Power Corporation
60. Sewer Equipment Co. of America
61. Southern Sewer Equipment Sales
62. Southern States ToyotaLift
63. STERTIL-KONI USA INC.
64. Striping Service and Supply, Inc.
65. Sun State International Trucks
66. Texas Trailers Sales and Service
67. Thompson Pump & Mfg Co Inc
68. Tom Evans Environmental, Inc.
69. Tradewinds Power Corp.
70. Trucks & Parts of Tampa, LLC
71. Vac-Con, Inc.
72. Vehicle Service Group, LLC.
73. VENTURE PRODUCTS INC.
74. Vermeer Southeast Sales
75. Vetted Security Solutions
76. Warren Equipment Inc
77. Weedoo Greenboat, Inc.
78. Xylem Dewatering Solutions, Inc.
79. Zabatt Power Systems

FSA Cooperative Purchasing Program



Contract: FSA20-VEL28.0 – Pursuit,

Administrative and Other Vehicles

Contract: FSA20-VEH18.0 – Heavy Trucks

Contract: FSA20-EQU18.0 – Heavy Equipment

(Items formerly included under “VEH” contract.)

Contract Terms and Conditions

FLORIDA SHERIFFS ASSOCIATION
Cooperative Purchasing Program
Contract Terms and Conditions

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1.0 GENERAL CONDITIONS

1.01 BID CORRESPONDENCE

All correspondence regarding this bid should be directed to the Florida Sheriffs Association "FSA", using the information shown above. Please be sure to reference the bid number and your contact information.

The contacts for this bid are:

Ed Lanier, FSA Cooperative Purchasing Program Coordinator
E-mail: elanier@flsheriffs.org
Phone: 850-877-2165, ext. 5811
Fax: 850-878-5115

Craig Chown, FSA Cooperative Purchasing Program Manager
E-mail: cchown@flsheriffs.org
Phone: 850-877-2165, ext. 5833
Fax: 850-878-5115

Communication for this Invitation to Bid should be identified by contract number and title and directed to:

Florida Sheriffs Association
Attn: Cooperative Purchasing Program Coordinator
2617 Mahan Drive
Tallahassee, FL 32308
E-mail: CPP@flsheriffs.org

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Contract Terms and Conditions

1.02 PURPOSE

The Florida Sheriffs Association invites interested Bidders, including Motor Vehicle Manufacturers and Dealers/Certified Representatives to submit responses in accordance with these solicitation documents. The FSA Cooperative Purchasing Program will conduct the solicitation process and administer the resulting contract. The purpose of this bid is to establish contracts with manufacturers and manufacturer's authorized vendors for contract terms specified under Section 1.03 for the purchase of vehicles and equipment on a "no trade-in basis."

1.03 TERM OF CONTRACT

The term for Contracts FSA20-VEL28.0 Pursuit, Administrative and Other Vehicles and FSA20-VEH18.01 Heavy Vehicles shall remain in effect for two (2) years from date of contract execution by the FSA, and may be renewed by mutual agreement, at the sole option and discretion of the FSA, pursuant to the terms of Section 3.04. The initial term of these contracts begins October 1, 2020 and ends September 30, 2022.

The term for Contract FSA20-EQU18.0 Heavy Equipment shall remain in effect for three (3) years from date of contract execution by the FSA, and may be renewed by mutual agreement, at the sole option and discretion of the FSA, pursuant to the terms of Section 3.04. The initial term of this contract begins October 1, 2020 and ends September 30, 2023.

Contract extensions will only be executed when the FSA determines, based on then-existing conditions, that it is in the best interest of the FSA and the purchasers to do so.

1.04 ESTIMATED QUANTITIES

In FY 2018-19, eligible users purchased approximately 8,856 vehicles and equipment from this contract. These estimated figures are given as a guideline for bidders preparing bids.

Quantities provided do not guarantee or imply future contract sales. Neither the FSA nor any eligible user is obligated to place any order for a given amount subsequent to the award of this bid solicitation.

1.05 SHERIFF AS COUNTY CONSTITUTIONAL OFFICER

The Offices of the Sheriff in the State of Florida are constitutional offices of the State of Florida. Each has the authority either individually or collectively to execute contracts for all goods and services for the proper conduct of that office. Section 30.53, Florida Statutes, exempts the sheriffs' offices from the provisions of the Florida Statute that would otherwise require sealed and competitive bidding procedures.

It is our practice to give consideration to the prices offered, but the Office of the Sheriff is not required by law to accept the lowest priced proposal and may reject any or all of the proposals without recourse. Bidders are solely responsible for their own bid preparation costs and nothing in this solicitation in any way obligates the participating sheriffs' offices for any payment for any activity or costs incurred by any bidder in responding to this solicitation.

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1.06 FUNDING

In the case of certain purchasers, including state agencies, funds expended for the purposes of the contract must be appropriated by the Florida Legislature, the individual participating agency or the agency's appropriating authority for each fiscal year included within the contract period. For such agencies, their performances and obligations to pay for products or services under any resulting contract, or purchase order, are contingent upon such an annual appropriation by the Legislature, individual agency or by the appropriating authority. Therefore, any contract or purchase order with such an agency shall automatically terminate without penalty or termination costs in the event of non-appropriation.

1.07 CURRENCY

All transaction amounts, bids, quotes, provisions, payments or any part of this contract relating to currency are to be made in United States Dollar.

1.08 GENERAL DEFINITIONS

The terms used in this contract are defined as the following:

- a. Bidder: A proposer or enterprise that submits a formal offer to the FSA Cooperative Purchasing Program Administrator in accordance with the Contract Terms and Conditions.
- b. Bid System: The online forum used for the submission of electronic bids and review of bid results for the specifications connected to this Invitation to Bid. VendorLink is the software used for this bid.
- c. Dealer: A manufacture's certified representative authorized by the manufacturer to market, sell, provide, and service the vehicles/equipment for the FSA Cooperative Purchasing Program. Dealers may be vendor-owned and controlled, in whole or in part, or independently owned and controlled.
- d. Florida Sheriffs Association Cooperative Purchasing Program (FSA): The entity that administers the Invitation to bid and contract administration functions for this contract.
- e. End User: A term used to distinguish the person who ultimately uses or is intended to use a product or for whom a product is designed for use.
- f. Factory: Refers to the manufacturer produced products.
- g. Fleet Advisory Committee (FAC): An employee of a sheriff's office or other local governmental agency, or any other person who FSA identifies as subject matter expert who assists with the development of bid specifications and evaluation of bid responses. The Fleet Advisory Committee makes recommendations to the FSA and is not responsible for final awards.
- h. Invitation to Bid: A competitive solicitation and award process established through the issuance of an invitation to vendors, dealers and manufacturers to submit a price offer on a specific product to be provided. This term shall include the bid specifications available to bidders on the bid system and references to solicitation documents. The term shall not include request for proposals, request

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for quotes, request for letters of interest, or the solicitation of purchase orders based on oral or written quotations.

- i. **Manufacturer:** The original producer or provider of vehicles or equipment offered on this contract.
- j. **Manufacturer's Suggested Retail Price (MSRP):** Manufacturer's Suggested Retail Price (MSRP) represents the Manufacturer's recommended retail selling price, list price, published list price, or other usual and customary price that would be paid by the purchaser. The following are acceptable sources of current MSRPs and MSRP Lists for use in submission of the bid solicitation and the resulting contract:
 - 1. Manufacturer's Computer Printouts: Ford - "Dora"; General Motors - "GM Autobook"; or approved equivalent
 - 2. Chrome Systems, Inc.'s PC Carbook (PC Carbook Plus and PC Carbook Fleet Edition)
 - 3. Manufacturer's Annual U.S. Price Book
 - 4. Manufacturer's official website
- k. **Non-Scheduled Options:** Any optional new or unused component, feature or configuration that is not included or listed in the base vehicle specifications or options.
- l. **Production Cutoff:** A date used by manufacturers to notify dealers that the factory has reached maximum capacity for orders or are discontinuing the production of a vehicle or equipment. Vehicle manufacturers use this term when referring to any given model year for production.
- m. **Published List Price:** A standard "quantity of one" price currently available to government and educational purchasers, excluding cooperative or volume discounts.
- n. **Purchaser:** A Purchaser is an entity that seeks to obtain vehicles or equipment off this contract by meeting the eligible user criteria or with vendor approval.
- o. **Purchase Order:** A request for order from a purchaser to an awarded vendor for an item that has been awarded on this Contract. Purchaser orders placed using this contract formalize the terms and conditions of this contract under which a vendor furnishes vehicles or equipment to a purchaser.
- p. **Third Party Supplier:** Businesses external to a bidder or vendor that provide products and services which contribute to the overall finished vehicle or equipment. Third Party Suppliers are contractors under the direction and responsibility of the bidder or vendor.
- q. **Vendor:** The bidder that has been awarded and agrees to provide vehicles or equipment that meet the requirements and base specifications. The vendor must agree to the contract terms and conditions of the contract before being awarded to the contract.
- r. **Vendor Installed:** A product or service provided by the vendor or other third party; not the factory.

1.09 ELIGIBLE PURCHASERS OF CONTRACT

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Awarded bids, or contract prices, will be extended and guaranteed to the Florida Sheriffs Association, any unit of local government, political subdivision or agency of the State of Florida. This includes, but is not limited to counties, municipalities, sheriffs' offices, clerks, property appraisers, tax collectors, supervisors of elections, school boards or districts, water management districts, police and fire departments, emergency response units, state universities and colleges, or other state, local or regional government entities within the State of Florida.

All purchasers are bound by state law, local ordinances, rules and regulations for purchases made under this contract. Participating agencies cannot guarantee any order other than those ordered by the individual agency.

In addition, bids can be extended and guaranteed to other entities approved by manufacturers to participate in this contract, which can include out of state sales. Vendors that wish to extend contract pricing to entities other than those defined here are governed by their manufacturer's agreement, and must agree to the terms and conditions of this contract.

1.10 LEGAL REQUIREMENTS

Federal, State, county laws, ordinances, rules and regulations that in any manner affect the items covered herein apply. Lack of knowledge by the bidder of applicable legal requirements will in no way be a cause for relief from responsibility.

1.11 PATENTS & ROYALTIES

The bidder, without exception, shall indemnify and hold harmless the FSA and its employees from liability of any nature or kind, including costs and expenses for, or on account of, any copyrighted, patented, or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the FSA or a purchaser.

If the bidder uses any design, device or materials covered by letters, patent, or copyright, it is mutually understood and agreed, without exception, that the bid prices shall include all royalties or costs in any way arising, directly or indirectly, from the use of such design, device, or materials in any way involved in the work.

1.12 FEDERAL AND STATE STANDARDS

It is the intent of FSA that all specifications herein are in full and complete compliance with all federal and State of Florida laws, requirements, and regulations applicable to the type and class of commodities and contractual services being provided.

In addition, any applicable federal or State legal or regulatory requirements that become effective during the term of the Contract, regarding the commodities and contractual services' specifications, safety, and environmental requirements shall immediately become a part of the Contract. The vendor shall meet or exceed any such requirements of the laws and regulations. If an apparent conflict exists, the vendor shall contact the FSA immediately.

The bidder shall obtain and pay for all licenses, permits and inspection fees for this bid submission and contract.

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1.13 UNDERWRITERS' LABORATORIES

Unless otherwise stipulated in the bid, all manufactured items and fabricated assemblies shall be Underwriters' Laboratories, or U.L., listed or re-examination listing where such has been established by U.L. for the item(s) offered and furnished.

1.14 AMERICANS WITH DISABILITIES ACT

To request this material in accessible format, sign language interpreters, information on access for persons with disabilities, or any accommodation to review any document or participate in any FSA sponsored proceeding, please contact FSA Human Resources at (850) 877-2165 five business days in advance to initiate your request. TTY users may also call the Florida Relay Service at 711.

1.15 REASONABLE ACCOMMODATION

In accordance with the Title II of the Americans with Disabilities Act, any person requiring an accommodation at the Bid opening because of a disability must contact the FSA Human Resources at (850) 877-2165.

1.16 MINORITY BUSINESS ENTERPRISE (MBE)

The Florida Sheriffs Association policy is that Minority Business Enterprises (MBE) shall have the opportunity to participate in this invitation to bid. Such process would be for supplying goods and services to FSA and Purchasers.

1.17 ANTI-DISCRIMINATION

The bidder certifies that he/she is in compliance as applicable by federal or state law with the non-discrimination clause contained in Section 202, Executive Order 11246, as amended by Executive Order 11375, relative to equal employment opportunity for all persons without regard to race, color, religion, sex or national origin.

1.18 BEST COMMERCIAL PRACTICES

The apparent silence of this specification and any supplemental specifications as to any details or the omission from it of a detailed description concerning any point shall be regarded as meaning that only the best commercial practices, size, and design are to be used.

All workmanship is to be first quality. All interpretations of this specification shall be upon the basis of this statement.

1.19 PUBLIC ENTITY CRIMES (PEC)

In accordance with the Public Entity Crimes Act, Section 287.133, Florida Statutes, a person or affiliate who has been placed on the convicted vendor list maintained by the State of Florida Department of Management

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Services following a conviction for public entity crimes may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to public entity, may not be awarded or perform work as a Vendor, supplier, Sub-Vendor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

1.20 TAX EXEMPTION

All State and Federal tax exemptions applicable to the units of local government of the State of Florida will apply, and appropriate certifications furnished. Purchasers shall comply with all federal, state and local tax requirements.

The Florida Sheriffs Association is a 501(c)3 organization and is exempt from all Federal Excise and State Taxes. State Sales Tax and Use Certificate Number is 85-8012646919C-3.

1.21 TAXES

Customers making a purchase pursuant to the awarded bid are generally exempt from Federal Excise and State Sales Tax. It is the responsibility of the vendor to verify that the purchaser is exempt by obtaining the purchaser's Federal Excise and State Taxes and Use Certificate Number.

1.22 ORDER OF PRECEDENCE IN THE EVENT OF CONFLICT

In the event of conflict, the conflict may be resolved in the following order of priority (highest to lowest):

1. Addenda to Contract Terms and Conditions, if issued
2. Contract Conditions
3. Addenda to Bid Specifications, if issued
4. Bid Specifications
5. Bidder Instructions
6. General Conditions

1.23 COMMUNICATIONS

Communications between a proposer, bidder, lobbyist or consultant and FSA are limited to matters of process or procedure and shall be made in writing to the contact persons identified in Section 1.01 of this procurement.

Bidders should not rely on representations, statements, or explanations other than those made in this Bid or in any written addendum to this Bid, and no oral representations, statements, or explanations shall be deemed to bind the FSA or eligible users.

1.24 CLARIFICATION AND ADDENDA

Any questions or clarifications concerning the Invitation to Bid shall be submitted to FSA by e-mail to CPP@flsheriffs.org with the bid title and number referenced on all correspondence. Final questions must

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be received by the date for Request for Clarification stated on the Bid Calendar. Questions and answers will be posted to the FSA Cooperative Purchasing Program website on the date indicated on the Bid Calendar.

Interpretation of the specifications or any solicitation documents will **not** be made to the bidder verbally, and if any verbal clarifications are provided they are without legal effect.

Questions received after the cone of silence date listed on the bid calendar will not be addressed. The FSA reserves the right to address technical questions.

The FSA shall issue a Formal Addendum if substantial changes which impact the submission of bids are required. Any such addenda shall be binding on the bidder and shall become a part of the solicitation document. In the event of conflict with the original specifications, addenda shall govern to the extent specified. Subsequent Addenda shall govern over prior Addenda only to the extent specified.

FSA will make every attempt to e-mail updates to registered bidders. However, posting to the FSA website or the bid system constitutes proper notice of addenda.

The bidder shall be required to acknowledge receipt of the Formal Addendum by signing in the space provided. Failure to acknowledge Addendum shall deem the bid non-responsive; provided, however, that pursuant to section 2.27, the FSA may waive this requirement in its best interest. The FSA will not be responsible for any explanation or interpretation made verbally or in writing except those made through the posting of a Formal Addendum.

The bid submission constitutes acknowledgment of addenda to the specifications. Bids that fail to account for the specification addenda shall be determined to be nonresponsive; however, that pursuant to section 2.27, the FSA may waive this requirement in its best interest.

After the start of the contract term, FSA will notify all vendors of any addenda and will require acknowledgement of the new terms and conditions. If the vendor does not agree to the new terms and conditions, the vendor's award can be removed or replaced by another vendor or qualified responsive bidder.

1.25 SIGNED BID CONSIDERED AN OFFER

The signed Bid shall be considered an offer on the part of the bidder, which offer shall be deemed accepted upon approval by the FSA and in case of default on the part of successful bidder, after such acceptance, the FSA may procure the items or services from other sources. The bid submission must be signed by an authorized representative.

An electronic signature may be used and shall have the same force and effect as a written signature.

1.26 ASSIGNMENT OF CONTRACT

No right or interest in this Contract may be assigned, transferred, conveyed, sublet or otherwise disposed of, without prior written consent of the FSA.

If the original vendor sells or transfers all assets or the entire portion of the assets used to perform this Contract, a successor-in-interest must perform all obligations under this Contract. FSA reserves the right to

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reject the acquiring entity as vendor. A change of name agreement will not change the contractual obligations of the vendor.

1.27 TERMINATION OF PRODUCT LINE

If a vendor terminates a product line (manufacturer or brand), the vendor is required to notify the FSA within 10 business days of the decision not to retain the product line.

In the event a manufacturer reassigns the product line to an alternate vendor, the manufacturer and the vendor are required to immediately notify the FSA in writing of the change within 10 business days confirming the reassignment. If the vendor is not already an approved FSA vendor, the vendor is required to apply to the FSA to become an approved vendor *prior to* conducting any qualified sales. The vendor and the manufacturer are required to honor the contract pricing and all of the applicable terms and conditions throughout the remaining term of the contract.

1.28 METHOD OF AWARD

The award is made to responsive and responsible bidders. FSA uses its discretion in determining if bids meet the requirements of this solicitation.

The FSA reserves the right to make multiple awards within a specification, if deemed in the best interest of the FSA and the purchasers.

Awards will be posted on the FSA website according to the date posted in the bid calendar.

1.29 DEMONSTRATION OF COMPETENCY

Bidders must be able to demonstrate a good record of performance for a reasonable period of time, and have sufficient financial support, equipment and organization to ensure they can satisfactorily execute the services if awarded a contract under the terms and conditions herein stated.

The terms "equipment" and "organization" as used herein shall be construed to mean a fully equipped and well established company in line with the best business practices in the industry and as determined by the FSA.

The FSA may consider any evidence available regarding the financial, technical and other qualifications and abilities of a Bidder, including past performance with the FSA in making the award.

The FSA may require bidders to show proof that they have been designated as authorized representatives of a manufacturer or supplier which is the actual source of supply. In these instances, the FSA may also require information from the source of supply regarding the quality, packaging and characteristics of the products. Any conflicts between this material information provided by the source of supply and the information contained in the bid submission may render the bid nonresponsive.

Pre-award inspection of the Bidder's facility may be made prior to the award of contract. Bids will only be considered from firms which are regularly engaged in the business of providing the goods or services as described in this Bid.

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Information submitted in the bid may not be plagiarized and, except in the case of materials quoted from this solicitation or developed by the manufacturer, must be the original work of the individual or company that submits the bid for evaluation.

1.30 VENDOR ABILITY TO PERFORM

During the contract period, FSA may review the vendor's record of performance to ensure that the vendor is providing sufficient financial support, equipment and organization.

If the FSA determines that the vendor no longer possesses the financial support, equipment and organization in order to comply with this section, FSA has the authority to immediately terminate the contract awarded.

By responding to this procurement the vendor warrants that, to the best of his or her knowledge, there is no pending or threatened action, proceeding, or investigation, or any other legal or financial condition, that would in any way prohibit, restrain, or diminish the vendor's ability to satisfy the obligations of the Contract. The vendor warrants that neither it nor any affiliate is currently on the convicted vendor list maintained pursuant to section 287.133 of the Florida Statutes, or on any similar list maintained by any other state or the federal government. The vendor shall immediately notify the FSA and purchaser in writing if its ability to perform is compromised in any manner during the term of the contract.

1.31 FINANCIAL RESPONSIBILITY

Bidder affirms by the signature on the contract signature page that the bidder:

- Has fully read and understands the scope, nature, and quality of work to be performed or the services to be rendered under this bid, and has the adequate facilities and personnel to fulfill such requirements;
- Accepts the financial responsibility associated with this bid, and declares that he or she has the access to capital (in the form of liquidity or credit lines) in order to meet the financial demands of such award; and
- Has assessed the financial responsibility required to serve the contract as bid, including such details as the obligations to perform all specifications bid, zones bid, and quantities that could be ordered, as well as timing of payment from purchasers, which can be 45 calendar days from receipt of invoice.

1.32 QUALITY AND SAFETY

All materials used for the manufacture or construction of any supplies, materials or equipment covered by this bid shall be new. The items bid must be new, the latest model, of the best quality, and highest grade workmanship that meet or exceed federal safety standards.

Products requiring certification should require certification of options in cases where non-certified options could result in the decertification of the original product or warranty. In all cases where options are not certified, the Vendor must disclose to the end user that the non-certified options are not required to be certified. All options must meet or exceed federal safety standards.

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1.33 NONCONFORMANCE

Items may be tested for compliance with specifications. Items delivered that do not conform to specifications may be rejected and returned at the vendor's expense. Items not meeting the specifications and items not delivered within a reasonable period of time after expected delivery date may be purchased outside of the FSA contract.

Any violation of these stipulations may also result in:

- Vendor's name being removed from the awarded vendor list.
- FSA and purchasers being advised not to do business with vendor.

1.34 GRATUITIES

Proposers shall not offer any gratuities, favors, or anything of monetary value to any official, employee, or agent of the FSA, for the purpose of influencing consideration of this bid.

1.35 TIE BIDS

FSA has the right to award multiple bidders the primary or alternate award in the event of a tie.

In the event the FSA desires to break tie bids, and both businesses have qualifying drug-free work programs, the award will be made using the following criteria:

- Bidder Within the State of Florida
- Vendors performance record with purchasers
- Coin Toss

1.36 RIGHT TO AUDIT

Vendor shall establish and maintain a reasonable accounting system that enables FSA to readily identify Vendor's sales.

FSA and its authorized representatives shall have the right to audit and to make copies of all related records pertaining to this contract, including all government sales and eligible users information whether kept by or under the control of the vendor, including, but not limited to those kept by its employees, agents, assigns, successors, sub-vendors, or third party suppliers in whatever form they may be kept – written or electronic. Such records shall include, but not be limited to:

- Accounting records, including paid vouchers, cancelled checks, deposit slips, ledgers, and bank statements;
- Written policies and procedures;
- Subcontract files (including proposals of successful and unsuccessful bidders, bid recaps, etc.);
- Original estimates or work sheets;
- Contract amendments and change order files;

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- Insurance documents; or
- Memoranda or correspondence.

Vendor shall maintain such records during the term of this Contract and for a period of three (3) years after the completion of this Contract. At the vendor's expense and upon written notice from FSA, the vendor shall provide such records for inspection and audit by FSA or its authorized representatives. Such records shall be made available to FSA during normal business hours within three business days of receipt of the written notice. FSA may select the vendor's place of business or offsite location for the audit. The FSA may also request the vendor provide requested records via e-mail.

Vendor shall ensure FSA has these rights with Vendor's employees, agents, assigns, successors, and third party supplier and the obligations of these rights shall be explicitly included in any subcontracts or agreements formed between the Vendor and any Sub-Vendors to the extent that those subcontracts or agreements relate to fulfillment of the Vendor's obligations to FSA.

Professional fees, personnel costs and travel costs incurred by FSA under its authority to audit and not addressed elsewhere will be the responsibility of the FSA. However, if the audit identifies under reporting, overpricing or overcharges (of any nature) by the vendor to FSA or a customer in excess of three percent (3%) of the total contract billings, the vendor shall reimburse FSA for the total costs of the audit not to exceed \$5,000. If the audit discovers substantive findings related to fraud, misrepresentation, or non-performance, FSA may recoup all the costs of the audit work from the vendor.

Any adjustments or payments that must be made as a result of any such audit or inspection of the vendor's invoices or records shall be made within a reasonable amount of time (not to exceed 60 calendar days) from presentation of FSA's findings to Vendor.

FSA has the right to assess damages or seek reimbursements or refunds based on audit results.

1.37 LIABILITY, INSURANCE, LICENSES AND PERMITS

Where vendors are required to enter or go onto FSA or purchaser property to deliver materials or perform work or services as a result of a bid award, the vendor will assume the full duty, obligation and expense of obtaining all necessary licenses, permits and insurance and assure all work complies with all applicable county and municipal code requirements. The vendor shall be liable for any damages or loss to the FSA or purchaser occasioned by negligence of the vendor or any person the vendor has designated in the completion of the contract as a result of the bid.

1.38 BID BONDS, PERFORMANCE BONDS, CERTIFICATES OF INSURANCE

Bid Bonds, when required, shall be submitted with the bid in the amount specified in Bidder Instructions.

After acceptance of bid, the FSA will notify the successful bidder to submit the applicable certificates of insurance in the amounts specified in the Bidder Instructions and/or Insurance Checklist.

Purchaser may request a performance bond from a vendor. Performance Bonds are recommended with pre-payment and will be at the expense of the requesting agency. Purchasers should determine the best practice in comparing performance bond expense against any prior discounts that may be available.

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1.39 ELIMINATION FROM CONSIDERATION

This Invitation to Bid shall not be awarded to any person or bidder who has outstanding debts to the FSA, whether in relation to current or previous bid awards or for other business purposes.

1.40 COLLUSION

Collusion is a non-competitive secret or sometimes illegal agreement between rival bidders that attempts to disrupt the contract process equilibrium. Collusion involves people or companies that would typically compete, but are conspiring or working together in which the outcome results in an unfair bid advantage. The parties may collectively choose to agree to increase or decrease its product base price in one or more zones to maximize awards thus denying the public a fair price.

Examples of Bid Collusion:

- Cover bidding: a competitor agrees to submit a non-competitive bid that is too high to be accepted or contains terms that are unacceptable to the buyer.
- Bid suppression or withdrawal: a competitor agrees not to bid or to withdraw a bid from consideration.
- Market sharing: a competitor agrees to submit bids only in certain geographic areas or only to certain public organizations.
- Bid rotation: competitors agree to take turns at winning business while monitoring their market shares to ensure they all have a predetermined market share.

Bidders or vendors who have been found to have engaged in collusion will be considered nonresponsive, and will be suspended or barred from bid participation. Any contract award resulting from collusive bidding may be terminated for default. Further, any collusion that is detected by the FSA may be reported to relevant law enforcement and/or prosecutorial agencies.

Bidders may submit multiple bids without conflict of collusion if the bid submitted is not from the same manufacturer and product line. Dealers which share the same ownership may submit multiple bids without conflict of collusion if the bidders are not in the same region featuring the same manufacturer and product line.

1.41 DEFAULT

Failure or refusal of a bidder to execute a contract upon award or withdrawal of a bid before such award is made, may result in forfeiture of any bid surety required that is equal to damages incurred by the FSA there from, or where surety is not required, failure to execute a contract as described above may be grounds for removing the bidder from the awarded vendor's list.

In case of default on the part of awarded bidder, the FSA may take necessary steps to otherwise procure the products sought, including but not limited to procuring the products or services from the next highest

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ranked bidder or from other sources. A defaulting bidder may be held liable for costs incurred by the FSA in procuring replacement products.

1.42 PROTESTS AND ARBITRATION

Options are for informational purposes only and will not serve as a basis for protest.

Any person who is adversely affected by the decision or intended decision to award shall file a "Notice of Protest" in writing to the FSA within three (3) business days after the posting of the Intent to Award and shall file a formal written protest within five (5) business days after filing the Notice of Protest. Failure to file both a notice of protest and a formal written protest within the above referenced timelines shall constitute a waiver of proceedings.

The burden is on the party protesting the award of the bid to establish grounds for invalidating the award(s). The formal written protest must state with particularity the facts and law upon which the protest is based. Failure to do so will result in a denial of protest. Formal written protest which states with particularity the facts and law upon which the protest is based will be reviewed by FSA legal counsel for legal soundness and validity, and corrective action will be taken as needed contingent upon the validity of such claims. However, any additional time required and cost incurred by the FSA to substantiate a protesting party's claim(s) beyond the normal scope of its legal review due to the vague or inconclusive nature of the protesting party's filing will be reimbursable to the FSA and deducted from the protesting party's bond or security which must accompany their filing.

Any bidder who files an action protesting a decision or intended decision pertaining to this contract shall post a bond, cashier's check or money order payable to the Florida Sheriffs Association in the amount equal to ten percent of the product line being protested. The bond, cashier's check or money order must be filed at the time of filing the formal written protest or within the five (5) business day period allowed for filing the formal written protest. FSA will provide the amount required within two (2) business days of the notice of protest received. This bond or security will be conditioned upon the payment of all costs which may be adjudged against the protesting party in a court of law and/or to reimburse the FSA for additional legal expenses incurred and required to substantiate the protesting party's claim(s). Failure to post the bond or security requirement within the time allowed for filing will result in a denial of protest. The filing of the protest shall not stay the implementation of the bid award by the Florida Sheriffs Association.

Should the unsuccessful bidder(s) decide to appeal the decision of the FSA, they shall file a notice to FSA within three (3) business days of the FSA bid protest decision regarding their intent to request arbitration. A demand for arbitration with the American Arbitration Association's (AAA) commercial panel under its rules and regulations must be made within ten (10) business days of the FSA bid protest decision. Any person who files for an arbitration with the AAA shall post with the Florida Sheriffs Association at the time of filing the formal written arbitration request, a bond, cashier's check or money order payable to the Florida Sheriffs Association in the amount equal to ten percent of the product line being protested. This amount will be the same amount as the FSA provided at the time of filing the initial protest. Failure to provide written notice to FSA, file a demand for arbitration with the AAA, or failure to post the required bond and security requirement within the specified timelines shall constitute a waiver of arbitration proceedings. By responding to this procurement the bidder expressly agrees to the use of mandatory binding arbitration to resolve any appeals of the decision of the FSA, and any claims arising from or in any way relating to the procurement process, and expressly waives any and all rights that it may otherwise have to pursue such claims in any other forum, judicial or otherwise.

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If the party filing for arbitration does not prevail, it shall pay all costs, legal expenses and attorney fees of the prevailing party incurred in connection with the arbitration. However, if the filing party prevails, the parties shall share equally the fees and expenses of the arbitration and AAA and each shall bear the cost of their own attorney fees. The filing for arbitration shall not stay the implementation of the bid award by the Florida Sheriffs Association.

1.43 NONPERFORMANCE

By virtue of the bid submission, bidder acknowledges its obligation to sell vehicles and equipment in all zones for which it is awarded. Failure of the bidder to comply with these requirements may result in the imposition of liquidated damages of up to \$1,000 per vehicle/equipment, which amount the vendor agrees is reasonable, or probation, suspension, termination or a combination thereof from current and future bids at the FSA's discretion.

The vendor shall at all times during the contract term remain responsive and responsible. In determining vendor's responsibility, the FSA shall consider all information or evidence that demonstrates the vendor's ability or willingness to fully satisfy the requirements of the solicitation and the contract.

Vendors that are not in compliance with any of the provisions of this contract can be assessed liquidated damages, suspended or terminated from the contract. The FSA at its sole discretion may remove a noncompliant vendor from future competitive bid solicitations; or take other actions including suspension from the contract until compliance issues are resolved, limit current or future vendor participation by specifications or zones, or other actions as determined by FSA at its sole discretion.

At FSA's discretion, vendors may be required to develop corrective action plans to address contract compliance. Failure to abide by corrective action plans will result termination from the existing contract and future competitive bid solicitations at the discretion of the FSA.

In situations where there is evidence that the vendor has engaged in egregious breaches of the contract with respect to either the FSA and/or the purchaser, the contract can be terminated and the vendor will be removed from future solicitations for a period of up to three (3) years, or a permanent ban from the bid process at the sole discretion of FSA.

Specific conditions for termination include, but are not limited to; failure to perform, refusal to accept orders during the contract period while manufacturer orders are still being accepted for current model year or the new year if the vehicle is price protected by the factory, charging amounts exceeding MSRP on factory or vendor installed items and packages, requiring the purchase of additional options over and above the base vehicle as a condition of acceptance of order, providing aftermarket options where factory options are available without the consent of the purchaser, any misrepresentation of optional equipment or service as being factory that fails to meet the definition as described in this document, and any other practice deemed to be inconsistent with the intent of the contract.

Any vendor presented with a valid purchase order is required by this contract to accept such purchase order and deliver the product. Orders must be fulfilled if the vehicle or equipment is a base model or whether it includes options. The vendor must deliver this product if they were awarded the contract – regardless of profit or loss.

Failure to deliver the vehicles or equipment may result in the purchaser seeking damages for the difference of cost to issue the exact same order with another vendor plus any legal fees and damages that may be

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incurred in the process to facilitate a completed order. Additionally, FSA may seek damages for nonpayment of administrative fees, to which FSA is entitled, according to Section 3.28 and any attorney's fees incurred in the recovery of these damages.

All terms and conditions are applicable throughout the term of the contract and not any given Year, Make or Model.

1.44 SEVERABILITY

In the event any provision of this contract is held to be unenforceable for any reason, the unenforceability thereof shall not affect the remainder of the contract which shall remain in full force and effect and enforceable in accordance with its terms.

1.45 TERMINATION FOR CAUSE

If through any cause within the reasonable control of the vendor, it shall fail to fulfill in a timely manner, or otherwise violate any of the terms of this contract, the FSA shall have the right to terminate the services remaining to be performed. Written notice of the deficiencies shall be given to the vendor and unless the deficiencies are corrected within 10 business days, the Contract may be terminated for cause immediately. The right to exercise the option to terminate for cause shall be in the sole discretion of the FSA, and the failure to exercise such right shall not be deemed to constitute a waiver of this right.

In that event, the FSA shall compensate the successful bidder in accordance with the contract for all services performed by the bidder prior to termination, net of any costs incurred by the FSA as a consequence of the default.

Notwithstanding the above, the vendor shall not be relieved of liability to the FSA for damages sustained by the FSA by virtue of any breach of the contract by the vendor, and the FSA may reasonably withhold payments to the vendor for the purposes of off set until such time as the exact amount of damages due the FSA from the vendor is determined.

1.46 TERMINATION WITHOUT CAUSE

The FSA can terminate the contract in whole or part without cause by giving written notice to the vendor of such termination, which shall become effective 30 calendar days following receipt by vendor of such notice.

In that event, all finished or unfinished documents and other materials shall be properly delivered to the FSA.

The vendor shall not furnish any product after it receives the notice of termination, except as necessary to complete the continued portion of the contract, if any. The vendor shall not be entitled to recover any lost profits that the vendor expected to earn on the balanced of the Contract or cancellation charges.

Any payments to the vendor shall be only to the total extent of the FSA liability for goods or services delivered prior to the date of notice to terminate the contract.

1.47 CONTRACT ADVERTISMENT AND USE OF FSA LOGO

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The CPP logo is an official logo of the Florida Sheriffs Association designed to promote the program. The logo may be used by vendors in accordance with this policy. Use of the logo is limited to the original version received from the FSA. Modifications are not permitted.

Methods of use include, but are not limited to:

- Electronic mediums such as websites, digital marketing campaigns, social media and e-mail; or
- Print media such as forms, marketing campaigns, business cards, posters, banners, brochures, flyers and postcards.

Vendors may request the logo by contacting cpp@flsheriffs.org, and should include a brief description of the how the vendor intends to use the logo.

The official FSA sheriff's star and wreath logo may not be used without prior written permission.

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2.0 BIDDER INSTRUCTIONS

2.01 BIDDER QUALIFICATIONS

In order for bids to be considered, bidders who are not currently parties to the existing contract must provide the following material at the time the mandatory qualifying documents are due. FSA reserves the right to accept this information up and until the final award. The purpose of requesting this information is to demonstrate that they are qualified to satisfactorily perform as an awarded vendor.

The bidder shall provide information as on the Bidder Qualifications Form:

- Bidder company name and parent company, if applicable
- Complete business address
- State of incorporation
- Length of time in business
- Names and contact information for key personnel
- Dun & Bradstreet Business Information Report Snapshot
- Identify a minimum of three contracts of similar size and scope
- Identify a minimum of three references for vehicle or equipment sales to government agencies
- Any contracts the bidder has been disqualified from, terminated from or found in default on, to include the reason for disqualification, termination or default

2.02 LICENSING/FACILITIES

Bidders are required to possess a Florida Motor Vehicle Dealer's License in order to bid on any motor vehicle. Bidders must maintain a repair/warranty facility within the State of Florida to provide sales and service for the vehicles and equipment bid.

If a bidder does not maintain a facility to perform warranty work or repair service within the state of Florida, the bidder must provide a detailed plan at the time of bid submission as to how the bidder would service Florida purchasers if awarded the contract. This Service Standard Plan must include:

- Whether the warranty service provider is approved by the manufacturer;
- Estimated quantities sold per item bid;
- If the company plans to contract out for service a copy of the service agreement; and
- Zone specific service plans to include:
 - Response time to initial call from purchaser,
 - Number of personnel available to service the contract,
 - Qualifications of personnel providing warranty work, and
 - Any additional information that would detail how warranty service would be provided.

The sufficiency of Service Standard Plan will be evaluated by the FSA during the bid evaluation.

The FSA reserves the right to periodically request additional or updated information from a bidder regarding the repair/warranty facility during the solicitation and the term of the contract, if awarded. The FSA may also exercise discretion in examining such facility as deemed necessary.

2.03 INSURANCE AND INDEMNIFICATION

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Vendor shall be fully liable for the actions of its agents, employees, partners, or third party suppliers and shall fully indemnify, defend, and hold harmless the Florida Sheriffs Association, the participating agencies, and their officers, agents, and employees from suits, actions, damages, and costs of every name and description, including legal counsels' fees, arising from or relating to personal injury and damage to real or personal tangible property alleged to be caused in whole or in part by bidder, its agents, employees, partners, or third party suppliers; provided, however, that the bidder shall not indemnify for that portion of any loss or damages resulting directly from the negligent acts or omissions of the Florida Sheriffs Association and participating agencies or proximately caused by intentional wrongful acts or omissions of the Florida Sheriffs Association and participating agencies.

Vendor's obligations under the above paragraph with respect to legal action are contingent upon the Florida Sheriffs Association and/or participating agencies giving the bidder (1) written notice of any action or threatened action, and (2) the opportunity to take over and settle or defend any such action at bidder's sole expense. Vendor shall not be liable for any cost, expense or compromise incurred by the Florida Sheriffs Association, or participating agencies, in any legal action without bidder's prior written consent, which consent shall not be unreasonably withheld, conditioned, or delayed.

The vendor shall be responsible for the work and every part thereof, and for all materials, tools, appliances and property of every description, used in connection with this particular project.

The vendor shall specifically and distinctly assume, and does so assume, all risks of damage or injury to property or persons used or employed on or in connection with the work and of all damage or injury to any person or property wherever located, resulting from any action or operation under the contract or in connection with the work. It is understood and agreed that at all times the vendor is acting as an independent contractor.

The vendor at all times during the full duration of work under this contract, including extra work in connection with this project shall meet the requirements of this section.

The vendor shall maintain automobile liability insurance including property damage covering all owned, non-owned or hired automobiles and equipment used in connection with the work. The vendor shall maintain comprehensive general liability insurance and general aggregate insurance in the amount and coverage levels specified on the Insurance Checklist. The vendor shall maintain insurance to cover garage operations in the amount specified on the Insurance Checklist.

No change or cancellation in insurance shall be made without 30 calendar days written notice to the FSA.

All insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida and these companies must have a rating of at least B+: VI or better per Best's Key Rating Guide, latest edition.

Copies of original signed Certificates of Insurance, evidencing such coverages and endorsements as required herein shall be provided no later than five business days before the contract award date. The certificate must state Bid Number and Title. The vendor may not begin performance under the contract until such Certificates have been approved by the FSA.

Upon expiration of the required insurance, the vendor must submit updated certificates of insurance for as long a period as any work is still in progress.

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It is understood and agreed that all policies of insurance provided by the vendor are primary coverage to any insurance or self-insurance the FSA possesses that may apply to a loss resulting from the work performed in this contract.

All policies issued to cover the insurance requirements herein shall provide full coverage from the first dollar of exposure. No deductibles will be allowed in any policies issued on this contract unless specific safeguards have been established to assure an adequate fund for payment of deductibles by the insured and approved by the FSA.

The liability insurance coverage shall extend to and include the following contractual indemnity and hold harmless agreement:

The vendor hereby agrees to indemnify and hold harmless the FSA, a 501(c)3, its officers, agents, and employees from all claims for bodily injuries to the public and for all damages to the property per the insurance requirement under the specifications including costs of investigation, all expenses of litigation, including reasonable legal counsel fees and the cost of appeals arising out of any such claims or suits because of any and all acts of omission or commission of any by the vendor, his agents, servants, or employees, or through the mere existence of the project under contract.

The foregoing indemnity agreement shall apply to any and all claims and suits other than claims and suits arising out of the sole and exclusive negligence of the FSA, its officers, agents, and employees, as determined by a court of competent jurisdiction.

The vendor will notify the insurance agent without delay of the existence of the Hold Harmless Agreement contained within this contract, and furnish a copy of the Hold Harmless Agreement to the insurance agent and carrier.

The vendor will obtain and maintain contractual liability insurance in adequate limits for the sole purpose of protecting the FSA under the Hold Harmless Agreement from any and all claims arising out of this contractual operation.

The vendor will secure and maintain policies of third party suppliers. All policies shall be made available to the FSA upon demand. Compliance by the vendor and all third party suppliers with the foregoing requirements as to carrying insurance and furnishing copies of the insurance policies shall not relieve the vendor and all third party suppliers of their liabilities and obligations under any section or provisions of this contract. Vendor shall be as fully responsible to the FSA for the acts and omissions of the third party suppliers and of persons employed by them as he is for acts and omissions of persons directly employed by the vendor.

Insurance coverage required in this contract shall be in force throughout the contract term. The required Insurance Checklist summarizes the bidder's insurance obligations, if awarded.

The FSA can request and the vendor shall furnish proof of insurance within seven calendar days of receipt of the written request from FSA. Should the vendor fail to provide acceptable evidence of current insurance during the contract term, the FSA shall have the right to consider the contract breached and justifying the termination thereof.

If bidder does not meet the insurance requirements; the FSA may consider alternate insurance coverage.

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2.04 SPECIFICATIONS

All units covered by this Contract and the specifications shall be the manufacturer's current basic production model, and shall, as a minimum, be equipped with all standard factory equipment in accordance with the manufacturer's latest literature unless otherwise noted in the bid document. If awarded, bidders must supply a unit that either meets or exceeds all the requirements included in the applicable detailed specifications.

The bid specifications are contained on the FSA bid system. The FSA base specifications are incorporated in this document by reference.

All bidders will be required to provide information requested on the FSA bid system or may have their bid rejected.

All vehicles, equipment, and options provided must be designed, constructed, and installed to be fully suitable for their intended use and service.

2.05 FIXED PRICES

If the bidder is awarded a contract under this Invitation to Bid, the prices quoted by the bidder at the time of bid submission shall remain fixed and firm during the term of this contract, unless otherwise addressed in a contract extension or price adjustment as provided in this Contract.

2.06 DISCOUNTS

Discounts listed in heavy vehicle and heavy equipment bids shall be below Manufacturer's Standard Retail Pricing (MSRP) or manufacturers published list price for any vehicle, equipment and options.

The vendor has the authority to offer additional discounts based on quantity, as well as additional manufacturer or vendor discounts.

Discount ranges are not permissible. Discounts must be a whole, positive percentage with no decimal place (e.g. 10%).

2.07 SEALED BIDS

For purposes of this solicitation, a sealed bid is considered a bid submitted using VendorLink.

2.08 EXCEPTIONS, OMISSION AND ERRORS

Any exceptions, deviations, or contingencies a bidder may have to specifications or Contract Conditions, Section 3.0 of this document, must be documented in bidder's submission. Exceptions to the specifications at the time of the bid submission shall reference the specification or item number and a written explanation for the request for exception. At FSA's discretion, exceptions, deviations, or contingencies to the specifications or Contract Conditions stipulated by the bidder may result in disqualification of a bidder's submission.

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Specifications are based on the most current manufacturer literature available. Bidders should immediately notify the FSA of any inaccuracies in the specifications or required submittal documents. All notifications of inaccuracies must be in writing and timely submitted.

Failure of a bidder to comply with these provisions will result in bidders being held responsible for all costs required to bring the vehicle into compliance with the contract specifications.

Exceptions, deviations or contingencies to the General Conditions or Bidder Instructions, other than those determined to constitute minor irregularities and waived by the FSA pursuant to Section 2.26, may be cause for the rejection of a bidder's submission.

2.09 MISTAKES

Bidders are expected to examine the specifications, delivery schedules, bid prices and all information pertaining to servicing this contract before submitting a bid. Failure to do so will be at the bidder's risk.

2.10 EQUIVALENTS

Bidders must first request approval from the FSA before submitting a bid that includes an equivalent that will supplement an item on the base specification. The FSA will determine whether the proposed equivalent is equal to or exceeds the quality, design and construction than the intended replacement item in the base specification.

Bidders must provide the manufacturer name and model number (or product identifier) of each equivalent when seeking approval. Complete, descriptive, technical literature should demonstrate that the equivalent conforms with specific replacement item.

If the equivalent is approved, the bidder must include the supporting material in the bid submission. Bids will not be considered without this information. If a bid uses equivalents without prior approval, the bid will be deemed nonresponsive.

Vendors offering alternate makes and manufacturers of vehicles or equipment that are not specifically identified in the bid, cannot publish or offer the unapproved equivalents. Offerings of this nature will cause the bid to be rejected. If such offerings are identified after the award has been granted, the offerings, specification or entire award can be removed by the FSA.

When selling equivalents, vendors must disclose to the purchaser that an approved equivalent is being offered.

2.11 MANDATORY PRE-BID MEETING

Prospective bidders are required to attend or participate in the **mandatory** Pre-Bid Meeting in accordance with FSA requirements. The Pre-Bid Meeting is designed for vendors, the Fleet Advisory Committee and the FSA to meet in person to clarify questions on the terms and conditions and to confirm all base specifications are correct.

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Bidders have the opportunity to suggest technical modifications or corrections before the specifications are finalized. Questions relating to the specifications, the bid process, or award can be asked at the Pre-Bid Meeting.

FSA reserves the right to grant attendance exceptions to the mandatory meeting if the bidder has requested authorization, signs a memo of understanding to agree to meet all the terms and conditions without exception and further waives their right to protest the bid process in its entirety or any portion thereof.

2.12 QUALIFICATION

Prospective bidders are required to complete the qualification forms by the date listed on the Bid Calendar. A bidder becomes a qualified bidder if they comply with this section and Section 2.10, Mandatory Pre-Bid Meeting.

Qualification forms include:

- Drug-Free Workplace Form
- Insurance Checklist
- Manufacturer Authorization Form for each manufacturer bid for Contract FSA20-VEH18.0 and FSA 20-EQU18.0
- Manufacturer Authorization Forms are **not** required for Contract FSA20-VEL28.0
- Emergency Vehicle Technician (EVT) Certification, if bidder is offering emergency lighting and sirens
- Qualified Bidder documentation, as required in Section 2.01

The qualification forms are located on the bid system.

2.13 PRICES QUOTED

Prices submitted as indicated in the sealed bid are final. Bidders acknowledge that prices quoted will be valid for a period of sixty (60) calendar days from the date of bid opening. Each specification, make, and model must be priced and bid separately.

Prices quoted in the bid submission should reflect the final amount the bidder can expect to receive for payment for the specifications bid for the duration of the contract award, unless otherwise addressed by a contract extension or price adjustment as provided in the contract. These prices must be inclusive of all of the components included in the base specification.

Prices bid, including options, must include the administrative fee FSA charges to administer the contract, as outlined in Section 3.28.

Prices must be Free On Board (FOB) destination.

Once awarded, the vendor has the authority to offer discounts for prompt payment. Cash or quantity discounts offered will not be a consideration in determination of award of the bid.

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2.14 OPTION PRICING

The bidder shall offer discount below Manufacturer's Standard Retail Pricing (MSRP) or manufacturers published list price for any factory options included in the bid submission and quotes to purchasers, if awarded. FSA requests vendors include most frequently purchased scheduled, factory and aftermarket options in the bid.

Options are intended to add or delete equipment or features from the base specification. Options can provide an upgrade or downgrade to a manufacturer's model, such as a slightly different engine size or horsepower, and should not be made available for purchase separate from the base vehicle or equipment. Bidders shall NOT use options to create a vehicle or equipment that is entirely different than the FSA base specification or are available as another specification bid on this ITB.

Bidder must use proper factory codes for all factory options. Options available through the factory may be bid and supplied to purchaser as "factory" options, unless otherwise requested in writing by the purchaser.

The FSA has the discretion to disqualify bidders if the option pricing is excessive or if options listed are not available for the item bid.

Option pricing will include all costs of labor associated with the option and cost of labor should not be listed separately within the bid. Section 2.15 contains specific instructions and exceptions for emergency lights and sirens.

If a bidder will offer registration and title services as a fee for service, the bidder must include the administrative fee as a separate option (i.e. line item) for each item bid, see Section 3.23 for additional details. Government imposed fees should not be included in this option pricing.

No other additional charges or fees are admissible.

For purposes of this bid, Emergency Lights and Sirens will require a separate pricing sheet upload in the bid system. See Section 2.14 for details on emergency lights and sirens.

If options are not available as a stand alone option, the bidder must indicate in their bid submission any option requiring the purchase of other options, and also indicate options that are a part or dependent of another option. Factory package options are allowable under this contract. Factory package options must be included in the options within the bid document and detailed specifically as to what components the package includes.

When calculating the price for a manufacturer's option requested in this bid that is not listed as an option in the manufacturer's order guide (i.e. model or engine upgrade), the bidder must calculate the option price as the net difference between vendor cost on the representative base vehicle and the total MSRP of the requested option modifying the vehicle. A bidder may bid less than this price, but at no time charge more than the calculation provided here.

The use of options to facilitate the sale of an alternate manufacturer's product which is outside the scope of the written base specification will be determined nonresponsive and the bid will be rejected in whole or part by the FSA.

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Example: Bidder CANNOT include option upgrades that result in the selling of a vehicle or truck on one specification that is offered as a separate specification in the bid solicitation. For example, a Vendor who is awarded the bid for 25,500 lb. GVWR Cab & Chassis cannot upgrade this item through an add option to a 30,000 lb. GVWR Cab & Chassis in order to circumvent the bid award winner for the 30,000 lb. GVWR Cab & Chassis.

Purchasers are encouraged to negotiate option pricing with vendors. Discounts can be provided beyond option prices listed in the contract. The additional discounts for each add option shall be decided by the vendor.

Option Upload

The bid system will accept option information from bidders through a .pdf file upload. The option information required for the bid submission of the options under each bid specification number include:

- Bid Item number (FSA item specification number)
- Order code (Manufacturer order code)
- Description
- Price

The options will correspond to the specification or item number. Multiple options may be listed for each each specification or item number bid. Therefore, bidders that do not indicate the correct item number with the option information bid will not have options displayed for the item bid. If option pricing is not uploaded correctly, FSA may require bidders to correct the formatting of the options, but pricing may not be modified. Failure of the bidder to make corrections may cause the bid to be rejected.

If the bidder wishes to offer credit to the purchaser for an option that is standard on the FSA base specification, the bidder should include the word "Credit" at the beginning of the description, and continue to describe the option being credited. For example, "Credit: one key fob" that corresponds with the price the bidder will credit the purchaser.

2.15 EMERGENCY LIGHTS AND SIRENS

Under Florida Statute 316.003(1), authorized emergency vehicles are defined as:

Vehicles of the fire department (fire patrol), police vehicles, and such ambulances and emergency vehicles of municipal departments, public service corporations operated by private corporations, the Fish and Wildlife Conservation Commission, the Department of Environmental Protection, the Department of Health, the Department of Transportation, and the Department of Corrections as are designated or authorized by their respective department or the chief of police of an incorporated city or any sheriff of any of the various counties.

Bidders that will provide or contract to provide emergency light and siren installation must also submit Emergency Vehicle Technician Certifications for the individuals working for the bidder or the designated third-party supplier who will perform the installation. FSA reserves the right to accept certifications up and until final award.

Vendors that will install emergency lights and sirens are required to provide and install products that are Society of Automotive Engineers (SAE) certified. SAE Certifications must include Class 1, Class 2 and Class 3

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in order to be eligible for participation in the Contract. If a lighting or siren product installed on an emergency vehicle is not SAE Certified, the vendor can be found in default of the Contract.

Prices submitted for emergency lights and sirens shall include all applicable government imposed fees.

Labor may be charged for the installation of emergency lights and sirens. Labor rates must be disclosed as part of the bid submission.

For vehicles that are manufactured with emergency lights and sirens, including motorcycles, bidders may not charge for labor, emergency lights or sirens that come from the factory equipped with these features as standard equipment.

Bid Submission of Emergency Lights and Sirens

Bidders will be asked to provide pricing for emergency lights and sirens by submitting a pricing sheet. The bid system will receive pricing through a standardized Excel file. The pricing sheet will include:

- Group
- Order code
- Description
- Price (part only)
- Labor hours
- Labor cost per hour

2.16 SUBMITTAL OF BID

Bidders are required to submit a bid using the FSA bid system, VendorLink. Bid submissions include pricing for the base specification, option descriptions and pricing, and any applicable lighting/siren pricing, as well as all other required documentation.

The bid must be received by the date and time specified on the Bid Calendar. Failure to meet all submission requirements by the date indicated on the Bid Calendar will result in rejection of the bid.

Bid System: VendorLink

Bidders must submit their bid electronically using the on the FSA bid system, which is located at <https://www.myvendorlink.com>. Bids not submitted within VendorLink will be rejected. Bidders are encouraged to participate in training provided for Vendorlink.

User names and passwords will be issued to qualified after registering in the bid system, qualified bidders will be invited to bid.

Prices are to be rounded to the nearest whole dollar (i.e. \$10, not \$10.05). The bid system allows for cents, however the bid evaluation is based on the whole dollar. If a bidder submits bid pricing using cents, the following formula will be applied:

- \$.01-.49 will be rounded down to the prior dollar bid (e.g. \$50.49 = \$50)
- \$.50-.99 will be rounded to the next dollar (e.g. \$50.50 = \$51)

Bid Submission

To ensure correct bid submittal and formatting, Bidders shall:

1. Submit bid electronically through the FSA bid system, VendorLink, for the applicable bid.

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2. Input bid price in the bid system price field within each specification being bid.
3. Upload files only in MS Word (.doc or .docx), Excel (.xls or .xlsx), and PowerPoint (.ppt or .pptx); Adobe Portable Document Format (.pdf); or Compressed File (ZIP) formats.
4. Enable printing on files submitted.
5. Separate and identify each part of the submission (i.e. document type, form type, content type) with a divider/separation page.)
6. Bids must be input into the standardized format in VendorLink.
7. Contact VendorLink technical support at support@evendorlink.com, if technical difficulties arise during bid submission.
8. Follow all instructions outlined in this Invitation to Bid and provide all requested information.

The bid submitted in VendorLink shall include the following documents:

- Executed Contract Signature Page
- Build sheet in a single merged .pdf document for each item bid as prescribed in the FSA bid system.
 - A build sheet is a document from the bidder or manufacturer that confirms that the vehicle or equipment bid matches the FSA base specification. If using the manufacturer's print-out, the document shall include the FSA bid specification item number, and indicate the manufacturer's base model code and display the standard equipment required to provide the base vehicle or equipment as outlined in the FSA base specification. For example, manufacturer print-outs can include Ford – Dora, General Motors – GM Autobook. Carbook Pro build sheets are acceptable. If vendor-installed aftermarket components are used to meet the base specification and these components must be identified on the build sheet. Build sheets for each item bid must be compiled into a single .pdf document. Build sheets should be in numerical order by specification, clearly identifiable by specification or item number, and include model name and number. If FSA cannot determine which specification the build sheet is for, the item bid can be rejected as nonresponsive.
- Option pricing required as a single merged .pdf document as prescribed in the FSA bid system.
- Pricing Sheet for Emergency Vehicle Lights and Sirens, if applicable.
- Emergency Vehicle Technician Certifications, if applicable.
- Service Standard Plan, Section 2.02, if applicable.
- Any requested equivalents, Section 2.10, or exceptions, Section 2.08.
- Certificates of Insurance, as applicable for policies in existence at the time of bid submission

FSA may ask awarded bidders to supply one hard copy set with original, written signatures and original compliance forms, prior to the contract execution. Hard copy bids should not be submitted unless specifically requested by FSA.

2.17 ZONE BIDDING

Bidders are allowed to bid in one or more geographic zones. The zone map is included in Appendix B. A space is provided for the bidder to indicate pricing for each zone. The bidder only submits a bid for each zone if pricing is provided for each zone.

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2.18 EXECUTION OF BID

By submitting a response to this Invitation to Bid, the bidder agrees to the terms and conditions of this contract and to be bound by such terms and conditions if selected for award. The bidder must submit the Contract Signature Page with the signature of an authorized representative no later than the date of the final award.

2.19 MODIFICATION OR WITHDRAWALS OF BIDS

A bidder may submit a modified bid to replace all or any portion of a previously submitted bid until the due date and time listed in the Bid Calendar. Modifications received after the bid due date and time will not be considered.

Bids can be withdrawn in writing prior to the contract award. If a bidder believes that the bidder must withdraw the bid, the bidder must contact FSA immediately. Bid withdrawals are handled on a case by case basis, and can result in a limitation of participation in future bids.

2.20 LATE BIDS

The responsibility for submitting a bid before the stated due date and time on the bid calendar is solely and strictly the responsibility of the bidder. The FSA is not responsible for delays caused by technical problems, any internet outages or delays incurred by electronic delivery, or any other occurrence. Any reference to time will be based on Eastern Time.

2.21 BID OPENING

Bids shall be opened on the date and time specified on the Bid Calendar. The bid opening will occur at the Florida Sheriffs Association, 2617 Mahan Drive, Tallahassee, Florida.

FSA shall read the bidder name and verify that the bidder successfully input the bid within the timeframe prescribed for bid submission in the Bid Calendar.

2.22 DETERMINATION OF RESPONSIVENESS

Determination of responsiveness will take place at the time of bid opening and evaluation. In order to be deemed a responsive bidder, the bid must conform in all material respects to the requirements stated in the Contract. As set forth in section 2.27, FSA reserves the right to waive or allow a vendor to correct minor irregularities.

2.23 RESPONSIBLE BIDDER CRITERIA

Bids will be evaluated to determine if eligibility and contract requirements are met. Responses that do not meet all requirements of this Invitation to Bid or fail to provide all required information, documents or materials may be rejected as nonresponsive.

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Bidders whose responses, past performance, or current status do not reflect the capability, integrity, or reliability to fully and in good faith perform the requirements of the Contract may be rejected as non-responsible. In determining a responsible bidder, the following factors may be considered:

- Adequacy of facilities, staffing, and financial resources;
- Previous experience with FSA contract or other similar government contracts;
- Ability to provide excellent customer service, including previous FSA contracts;
- Any other information relevant to the responsibility of a vendor that FSA is aware of.

In addition to the requirements of Section 2.01, FSA reserves the right to request staffing, performance and financial information from any bidder during the evaluation process if FSA determines this information is necessary to award the bid.

FSA reserves the right to determine which responses meet the requirements, specifications, terms and conditions of the solicitation, and which bidders are responsive and responsible.

FSA further reserves the right to limit participation of bidders who, in FSA's sole discretion, are determined to present responsibility concerns that call into question the bidder's ability to perform but that do not rise to the level of requiring rejection of the bidder as nonresponsible.

2.24 BASIS FOR AWARD

The FSA shall make awards to the lowest bidder by specification, by manufacturer and by zone to bidders deemed to be responsive and responsible. Awards may also be made to the second and third lowest bidders by specification, by manufacturer and by zone, if applicable and determined to be in the best interest of the FSA and the purchaser.

The Fleet Advisory Committee serves as the initial review for bid submissions. The Fleet Advisory Committee's review is submitted to the FSA for final evaluation and determination of award.

The options in the bid shall be for informational purposes only and will not serve as a basis for bid protest. However, the FSA has the discretion to consider option pricing in making the award if doing so would be in the best interests of the FSA or the purchaser.

FSA reserves the right to accept or reject any and all bids, and to waive any minor irregularity, technicality or omission if it determines that doing so will serve the purchaser's best interest.

2.25 FIRM BID

Bidder warrants by virtue of bidding it is submitting a firm bid and the prices quoted in their bid response will be good for an evaluation period of sixty (60) calendar days from the date of bid opening, and if awarded through the duration of the contract unless otherwise addressed by a contract extension or price adjustment as provided in this contract.

By virtue of the bid submission, bidder acknowledges its obligation to sell vehicles and equipment in all zones for which it is awarded. Failure of the bidder to comply with these requirements may result in the imposition of liquidated damages of up to \$1,000 per vehicle or equipment, which amount the vendor

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agrees is reasonable, or probation, suspension, termination or a combination thereof from current and future bids at the FSA's discretion.

2.26 BID TABULATIONS

The Bid Tabulation report will be posted on the FSA Cooperative Purchasing Program website after the bid submission closes as indicated in the Bid Calendar. <https://www.flsheriffs.org/law-enforcement-programs/cooperative-purchasing-program/dealers-only>.

If there is a delay in posting the bid tabulation results, FSA will post a notice of the delay and a revised date for posting of results.

2.27 MINOR IRREGULARITIES/RIGHT TO REJECT

The FSA has the right to accept or reject any and all bids, or separate portions thereof, and to waive any minor irregularity, technicality or omission if the FSA determines that doing so will serve its best interest or the best interest of the purchasers. A minor irregularity is a variation from the terms and conditions of this procurement that does not affect the price of the bid or give the bidder a substantial advantage over other bidders and thereby restrict or stifle competition and does not adversely impact the interests of the FSA or the purchasers. At its option, the FSA may allow a bidder to correct minor irregularities but is under no obligation to do so. In doing so, the FSA may request a bidder to provide clarifying information or additional materials to correct the irregularity. However, the FSA will not request and a bidder may not provide the FSA with additional materials that affect the price of the bid, or give the bidder an advantage or benefit not enjoyed by other bidders.

The FSA may also reject any bids not submitted in the manner specified in this document.

2.28 CONE OF SILENCE

This Invitation to Bid is subject to the Cone of Silence that begins the date the bid submission opens through the bid award date and effective date of the awarded contract as indicated in the Bid Calendar. During this period all communications regarding this solicitation between FSA and Bidder will cease, except for procedural questions, questions regarding problems incurred in the use of the the bid system, or communications initiated by the FSA. All permitted communications during this period shall be made in writing to the procurement contacts identified in Section 1.01 of this Invitation to Bid.

FSA is not responsible for bidder's improper use of the bid system. Exceptions will be granted to this section should any bid system malfunctions occur.

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3.0 CONTRACT CONDITIONS

3.01 GENERAL REQUIREMENTS

Once the bid has been awarded, the terms and conditions of this document become the Contract between the FSA and the awarded vendor.

The terms and conditions apply to all vehicles and equipment purchased from this contract.

3.02 STATEMENT OF AUTHORITY

Each person signing the Contract warrants that he/she is duly authorized to do so and binds the respective party to the Contract.

3.03 VENDOR CONTACT INFORMATION

The vendor will maintain current contact information with FSA at all times.

If a change occurs during the contract, the vendor must notify FSA immediately. The Vendor Change Document must be completed, signed by an authorized representative and submitted via e-mail to CPP@flsheriffs.org.

A sample Vendor Change Document can be found in Appendix A and on the FSA website.

3.04 OPTION TO RENEW & PRICE ADJUSTMENT

Renewal Option

The contract may be renewed by mutual agreement, initiated at the discretion of the FSA, for up to two (2) additional years, on a year to year basis. The FSA reserves the right to in its sole discretion elect to renew the contract in whole or in part.

In the event that the contract is held beyond the term provided herein, it shall be on a month-to-month basis only and shall not constitute an implied renewal of the contract. Such a month-to-month extension shall be upon the same terms of the contract and at the compensation and payment provided herein.

Price Adjustment

On an annual basis during the contract term, the FSA may consider a price adjustment due to changes in the Producer Price Index (PPI) as published by the U.S. Department of Labor, Bureau of Labor Statistics, as a result of any changes to national or state standards that require substantial cost adjustments, significant manufacturer changes to the production of and specification design, or in the event of material changes in tariffs that result in cost increases of 15% or more.

The price adjustment request may be considered and implemented by FSA on an annual basis during the initial term, or upon the completion of the initial term or a 12-month renewal period. Price adjustments will be implemented upon request from a vendor or in the event that the FSA determines in its sole discretion that such a price adjustment is warranted.

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Prices may be increased or decreased by the percentage change reflected in the nationally published PPI. FSA shall determine the PPI based on the most recent published PPI initiated at the time of renewal that best reflects adjustments to the economy over the previous 12 months.

In the event of changes to national or state standards, the vendor must present verifiable changes in cost to FSA. The FSA will consider the cost changes and will make a final determination on the change in price.

In cases where manufacturers have significant changes to production and specification design to an awarded item, FSA will consider certified manufacturer price changes and may allow price adjustments to reflect such changes in price from the manufacturer to the awarded vendor.

For any vendor-initiated price adjustment to commence on the first day of the renewed contract term, extension or the end of a 12-month period, the vendor's request or adjustment should be submitted one hundred and twenty (120) calendar days prior to expiration of the then current contract, extension or 12-month period. The vendor-initiated price adjustment request must clearly substantiate the reasons for the requested increase. If no request is received from the vendor, the FSA will assume that the vendor has agreed that the optional term may be exercised without pricing adjustment. Any adjustment request received after the commencement of a new option period will not be considered.

The FSA reserves the right to accept the renewal adjustment or to allow the contract to fully or partially terminate and readvertise for bids, whichever is in the best interest of the FSA.

3.05 ADDITIONS AND DELETIONS

The FSA reserves the right to add or delete any items from this bid or resulting contract when deemed to be in the best interest of FSA and the participating purchasers.

FSA reserves the right to remove, discontinue or suspend the sale or offering of any product within the Invitation to Bid document or existing contract, at its discretion.

This decision to take action may be based upon and not limited to:

- Few or no sales;
- Product recalls and other safety issues;
- Vendor/Manufacturer performance; or
- Lack of relevance of products.

3.06 EQUITABLE ADJUSTMENT

The FSA may make an equitable adjustment to the contract terms or pricing at its discretion.

3.07 CONDITIONS

It is understood and agreed that any item offered or shipped as a result of this bid shall be the most current model offered, i.e. the most current production model at the time of this bid.

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3.08 PRODUCTION CUTOFF

Vendor shall notify the FSA in writing no less than sixty (60) calendar days prior to the close of final order date by the manufacturer when the final order date is during the term of the contract. Notification shall be provided in writing.

Purchase orders received by the vendor ten (10) business days prior to the final order date must be accepted and entered into the order system with the manufacturer.

If a purchase order has been timely received by the vendor or the manufacturer, and the manufacturer fails to produce or deliver the production year vehicle, the vendor must provide the next year's equivalent model at current contract prices.

Purchase orders issued and received after the production cutoff date will be subject to availability. In this case, the vendor and manufacturer have the discretion whether to choose to provide next year's model at current year's prices until the end of the contract term.

If the manufacturer cutoff date is during the term of the contract and will affect the purchaser's ability to obtain the specifications, FSA may consider substitutions from the same manufacturer.

3.09 FACILITIES

The FSA reserves the right to inspect the vendor's facilities at any time with prior notice.

3.10 SUBSTITUTIONS

The FSA or purchasers will NOT accept substitutes of any kind. Vendors are expected to furnish the brand quoted in the bid once awarded. Any substitutes will be returned at the vendor's expense. Delivery of substitutes and the delay in supplying the correct specification can be deemed grounds for termination for default.

3.11 POLICE RATED VEHICLES & MOTORCYCLES

Vehicles in this category have been reviewed by one or more of the nationally recognized authorities on Police Vehicle Testing Program/Evaluation.

These evaluations are not designed to recommend a particular product, but to serve as a resource for vehicles which are currently being offered for law enforcement service. To see the full detailed report click or copy the links below.

The importance with which each individual phase is weighted in these evaluations is a subjective decision which should be made by each agency based upon that agency's needs.

For the purposes of this bid, the following are recognized authorities:

State of Michigan, Department of State Police and Department of Technology, Management and
Budget Police Vehicle Evaluation Program

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https://www.michigan.gov/documents/msp/2019MYPoliceVehicleEvaluationTestBook639203_7.pdf

Los Angeles County Sheriff's Department Law Enforcement Vehicle Test and Evaluation Program Vehicles:

<https://www.lasd.org/pdfjs/web/viewer.html?file=VehicleTestBooklet.pdf>

Motorcycles:

https://www.lasd.org/pdf/2017_MotorcycleTestBooklet12192017.pdf

3.12 SPECIAL SERVICE VEHICLES

Vehicles in this category in some cases have been reviewed by one or more of the nationally recognized authorities on Police Vehicle Testing Program/Evaluation. These vehicles are labeled as Special Service Vehicle (SSV) and often used in public safety applications and other areas of government. Refer to manufactures published information for detailed information regarding these vehicles.

3.13 CAB AND CHASSIS PURCHASES

Cab and Chassis can be purchased from the vendor without any required additional fitting by the vendor. If an incomplete chassis is sold to an agency, then the vendor is not responsible for the tag and title. Vendors are responsible for tag and title work if the chassis is completed by the vendor or the vendor's contracted third party supplier.

FSA highly recommends that all upfitting of cab and chassis be performed by vendors who are licensed and certified to perform such work to avoid unnecessary exposure to future liability.

The requirements of Florida Statute 319.21 related to the manufacturer statement of origin apply to cab and chassis purchases.

3.14 FACTORY INSTALLED

All options specified as factory installed are to be installed on the vehicle at the primary site of assembly and is to be the manufacturer's standard assembly-line product. No aftermarket and no vendor-installed equipment will be accepted as factory installed. Vendors found supplying aftermarket or vendor-installed equipment where factory installed are specified may be required to retrieve all delivered vehicles and reorder new vehicles meeting the specifications.

All factory ordered options are to be original equipment manufacturer (OEM) and factory installed unless otherwise noted by the vendor and acknowledged in writing by the purchaser. Verbal agreements will not be recognized.

Aftermarket parts, modifications, and factory produced parts and components ordered and installed by a vendor that do not meet the requirements of factory installed components, will be rejected for noncompliance with the requirements of the specification.

In the event that a component that does not meet the specifications is found installed on a vehicle before or after the vehicle has been accepted by the purchaser, the vendor shall be required to replace the vehicle

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with a vehicle that meets the required specifications, including factory installed components. In the alternative, the purchaser shall decide whether they will accept vendor installed components.

3.15 VENDOR INSTALLED OPTIONS

All vendor-installed accessories or options shall be installed according to the manufacturer's specifications. Examples include, but are not limited to a roll bar, trailer hitch, etc.

All such accessories must be manufactured by an established manufacturer of the product provided. Vendor is required to disclose Make and Model of product being offered and the location, design, and model must be approved by the purchaser prior to installation. Prior to any purchase, the vendor must also disclose the warranty of any item that is less than or exceeds the factory vehicle or equipment warranty coverage.

A vendor that employs a third-party supplier or subcontracts technicians to install emergency equipment on vehicles purchased on this contract is required to utilize technicians that are certified in Law Enforcement Vehicle Installation through EVT Certification Commission, Inc. or an approved equivalent.

The FSA may at any time during the contract period request proof of the required certification.

Any vendor that violates this provision will be considered in default of the contract. FSA may terminate the contract in accordance with Section 1.45 of this Invitation to Bid.

3.16 NON-SCHEDULED OPTIONS

FSA requests vendors include most frequently purchased scheduled, factory and aftermarket options in the bid document. If a purchaser requests a non-scheduled option that is not included in the bid document, the vendor may provide this non-scheduled option. The purchaser has the opportunity to request the vendor's discount pricing for any non-scheduled options during the quote process. At no time should the non-scheduled option exceed MSRP or Published List Price.

Non-scheduled options should be listed as a separate line item and noted on the purchase order to include the price. All non-scheduled options are covered under these terms and conditions.

3.17 FORCE MAJEURE

A vendor shall not be penalized for a delay resulting from the vendor's failure to comply with delivery requirements if neither the fault nor the negligence of the vendor or its employees contributed to the delay and the delay is due directly to acts of God, wars, acts of public enemies, strikes, fires, floods, or other similar cause wholly beyond the vendor's control, or for any of the foregoing that third party suppliers if no alternate source of supply is available to the vendor.

3.18 DELIVERY TIME

Vendors shall specify the estimated delivery time in calendar days for each item. The purchaser should consult the vendor regarding vehicle production schedules. Delivery shall be within the normal working hours of the user, Monday through Friday, excluding holidays.

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3.19 ORDER

The vendor shall submit a copy of the purchase order to the FSA within 15 calendar days of receipt from the purchaser.

To initiate a purchase, a purchaser issues a purchase order to the vendor, which shall include:

- The contract number and title,
- Specification number,
- Purchaser's federal identification number, and
- Name, phone number and email address for the point of contact at the purchasing agency.

Delivery or due dates should be discussed with the vendor at the time the quote is provided to the purchaser, or if no quote is provided, when the purchase order is delivered to the vendor. It is important to note that vendors do not have any control over production delays in schedules from the manufacturer.

While it is recommended that an agency purchase from the zone which is closest to their location, it is not mandatory to do so. If the purchaser determines that a vendor in another zone can better serve the purchaser's needs, the purchaser may order from a vendor in another zone. Vendors that provide vehicles or equipment outside of an awarded zone may upon mutual agreement between the vendor and the purchaser charge a delivery fee.

The purchaser should forward an executed copy of the purchase order to the FSA at the same time the purchase order is sent to the vendor. Emails or hard copies are acceptable. Emails can be sent to coop@flsheriffs.org.

If a vendor receives a purchase order for a specification for which they were not awarded, the vendor must notify the purchaser and return the purchase order to the purchaser within three (3) business days.

All vehicles ordered prior to production cut off and in accordance with the contract shall be supplied in the manufacturer's next model run of that class vehicle even if it requires supplying a later model at the original bid prices.

Vendor shall place the order with the manufacturer within 10 business days of receipt of the purchase order. The vendor shall assure that all orders are placed in full compliance with the specifications and the terms and conditions of the Contract and the purchase order.

It is the vendor's responsibility to ensure that the vehicle or equipment ordered by the purchaser is fully compatible with all ordered options and that the vehicle complies with all applicable manufacturer and industry standards. The vendor's acceptance of a purchaser's order will indicate that the vendor agrees to deliver a vehicle that will be fully compatible with all of its options.

Any changes that are required to bring a vehicle or equipment into compliance with the various options due to an incorrect order will be accomplished at the vendor's expense.

A Confirmation of Order form shall be completed by the vendor and returned to the purchaser 14 calendar days from receipt of purchase order without notification by the purchaser. An example Confirmation of Order form is included in Appendix C.

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Any additional information needed to complete this form should be obtained from the purchaser. The form may be modified to accommodate each purchaser as necessary.

3.20 VEHICLE AND EQUIPMENT DELIVERY

At a minimum, pre-delivery service shall include the following:

- Standard Vendor and Manufacturer protocol for new vehicle and equipment delivery;
- Cleaning of vehicle and equipment, if necessary, and removal of all unnecessary tags, stickers, or papers (window price sticker or supplied line sheet shall remain);
- Speedometer must be correct regardless of the tires provided by the vehicle manufacturer or axle ratio furnished;
- Verification that the hour meter does not exceed five (5) hours for equipment;
- Owner's manual and warranty manual to accompany each vehicle and equipment; and
- MSRP list sheet (window sticker) MUST be in the vehicle when it is delivered to the purchaser. Vehicles that are missing this form, or have forms that have been altered will not be accepted. Build sheets, or documentation that verifies what components are included on the equipment being delivered, must be provided for equipment.

The vendor shall be responsible for delivering vehicles and equipment that are properly serviced, clean and in first class operating condition.

Vendor shall complete delivery of the vehicle and equipment to the purchaser within fourteen (14) calendar days of receipt of the vehicle from the manufacturer or equipment supplier. This deadline shall not apply to vehicles originating as an incomplete chassis.

Receipt of a vehicle or equipment by the vendor is defined as acceptance of the vehicle or equipment from a common carrier at the vendor's place of business or any third party's place of business.

Deliveries of less than 350 miles may be accomplished by driving the vehicle. Any delivery accomplished by driving the vehicle must be supervised and the driver must comply with manufacturer's break-in requirements and all applicable traffic laws. Any delivery accomplished by driving a police rated vehicle must use an "OUT OF SERVICE" cover on light bars.

All deliveries in excess of 350 miles shall be made by transport, or otherwise approved by the purchasing agency. However, this requirement shall not apply to incomplete chassis. The purchaser has the option to reject a vehicle with more than 350 odometer miles, or may deduct \$0.51 cents per mile in excess of 350 miles from the invoice, unless distance above 350 miles was previously approved by the purchaser. This requirement also applies to redelivery of vehicles that were rejected upon initial delivery. Equipment with more than five (5) hours on the hour meter may be rejected by the purchaser or the purchaser may choose to negotiate a lower purchase price when the unit exceeds five hours.

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All warranties shall begin at the time of delivery to the purchaser. The purchaser's warranty should not be active for incomplete vehicles or equipment and vehicles or equipment delivered to a third-party supplier before final delivery.

Vendor shall notify the purchaser no less than twenty four (24) hours prior to delivery of the time and location, which shall reflect the mutually agreed upon delivery details. Transport deliveries must be unloaded and inspected by purchaser. Deliveries not complying with these requirements may be rejected and will have to be redelivered at vendor's expense.

All vehicles or equipment with fuel tanks of thirty-five (35) gallons or less must contain no less than one quarter (1/4) tank of fuel as indicated by the fuel gauge at the time of delivery. For vehicles and equipment that have more than thirty-five (35) gallons, a minimum of one eighth (1/8) of a tank of fuel must be provided.

3.21 INSPECTION AND ACCEPTANCE

It is the responsibility of the purchaser to inspect a vehicle or equipment for any damages.

Each purchaser shall make a good faith effort to inspect the vehicles or equipment before or at the time of delivery for acceptance. One (1) day is the suggested period for inspection. However, if reasonable accommodations for inspection cannot be made upon delivery, the purchaser may have up to three (3) business days to inspect the vehicle or equipment for acceptance.

Inspection and acceptance will be at the purchaser's destination unless otherwise previously agreed upon location was provided in the purchase order.

It is the purchaser's responsibility to thoroughly inspect each vehicle and equipment prior to acceptance. Copies of the bid specifications and purchase order will be delivered with the vehicle. Purchasers are to inspect the vehicle and equipment and compare bid specifications, purchase order and manufacturer's window sticker or manufacturer's invoice to ensure vehicle or equipment meets or exceeds the requirements of the bid specifications and the submitted purchase order. Purchasers should inspect the vehicle and equipment for physical damage.

Delivery of a vehicle or equipment to a purchaser does not constitute acceptance for the purpose of payment. Final acceptance and authorization of payment shall be given only after a thorough inspection indicates that the vehicle and equipment meet contract specifications and the requirements listed below.

Should the delivered vehicle differ in any respect from specifications, payment can be withheld until such time as the vendor completes the necessary corrective action.

Units shall be delivered with each of the following documents completed or included:

1. Copy of Customer's Purchase Order
2. Copy of the applicable Vehicle or equipment specification
3. Copy of Manufacturer's Invoice or Window Sticker for vehicles (prices may be deleted from the manufacturer's invoice); or a Build sheet, or documentation that verifies what components are included on the equipment being delivered, for equipment
4. Copy of Pre-Delivery Service Report
5. Warranty Certification

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6. Owner's manual
7. If the vendor does not provide the tag and title, then the DHSMV 82040 (*Application for Certificate of Title and/or Vehicle Registration*) which requires a signature of authorized representative.

Deliveries that do not include the above items will be considered incomplete and can be refused.

3.22 REGISTRATION, TAG AND TITLE

Costs of registration, tag and title shall not exceed the statutory rates. FSA administrative fee does not apply to tag and title work.

Title items shall be the responsibility of the vendor. If the purchaser is a government agency, the purchaser has the right to choose to register and title the vehicle or equipment.

Reasonable administrative costs for registration and title services, including obtaining temporary tags, tag transfers, and new tags are permitted. All costs associated with obtaining, filing and shipping of tags shall be listed as an option during the bid submission for each item bid. Administrative costs can include convenience fees, cost reimbursements for filing, obtaining or delivery of tags, or any costs over the original purchase price of the registration and title. Administrative costs for registration and titling can be negotiated between the purchaser and the vendor.

3.23 INVOICING AND PAYMENTS

Invoicing and payments shall be the responsibility of the vendor and purchaser placing orders using this contract. Vendors must invoice each purchaser independently.

A purchaser has three (3) business days to inspect and accept the vehicles or equipment. The vendor shall be paid upon submission of invoices to the Purchaser after satisfactory delivery and acceptance of the vehicles and/or equipment.

The Local Government Prompt Payment Act will apply to ensure timely payment of Vendor invoices. The Local Government Prompt Payment Act is defined in Sections 218.70–218.79 of Florida Statutes.

3.24 WARRANTY REPAIRS AND SERVICE

All warranties shall begin at time of delivery and final acceptance by the purchaser. Failure by any manufacturer's authorized representative to render proper warranty service or adjustments, including providing a copy of the warranty work order to the purchaser, may subject the vendor to suspension from the approved vendor listing until satisfactory evidence of correction is presented to the FSA.

3.25 INADEQUATE SERVICE

When vehicles and equipment require service or adjustments upon delivery, the vendor shall either remedy the defect, or be responsible for reimbursing the manufacturer's local authorized representative or other service provider to remedy the defect. Such service or adjustments shall be initiated by the vendor within 48 hours after notification by a purchaser, not to include weekends and holidays. Delivery will not be considered complete until all services or adjustments are satisfactory and the vehicle or equipment is redelivered.

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The provisions of the delivery section shall remain in effect until the redelivery is accomplished. The cost of any transportation required shall be the responsibility of the vendor until the vehicles or equipment are satisfactory and accepted by the purchaser.

3.26 REPORTING: PURCHASE ORDERS & QUARTERLY REPORTS

Purchase Orders

The vendor must submit copies of purchase orders upon receipt to the FSA. Purchase orders are considered late if not submitted fifteen (15) calendar days after the date of the purchase order. Purchase orders and accompanying documentation shall include base specification items purchased and all options itemized separately.

Vendors should scan a complete copy of the purchase order and attach it as a .pdf. Place the document title in the subject line of the e-mail and send purchase order copies to COOP@flsheriffs.org.

The files should be named using the the name of the purchasing entity, the purchaser type and the PO number. The purchaser type other can include any other eligible purchaser including special district, fire department or other purchasing entity not specifically named here. Out of state sales should include the state in the name.

PURCHASER TYPE	SAMPLE STRUCTURE	EXAMPLE
MUNICIPALITY	City Name PO 12345.pdf	Tallahassee PO 12345.pdf
COUNTY	County Name County PO 12345.pdf	Leon County PO 12345.pdf
EDUCATION	Educational Institution Name PO 12345.pdf	Florida State University PO 12345.pdf
OTHER	Special District Name PO 12345.pdf	Northwest Florida Water Management District PO 12345.pdf
SHERIFF	Sheriff Office Name PO 12345.pdf	Leon County Sheriff PO 12345.pdf

Quarterly Reports

Quarterly reports are the contractual responsibility of each vendor. Quarterly reports which do not adhere to the required format (as set forth in Appendix D) or are not complete of all purchase orders received and/or deliveries made during the quarter will be returned to the reporting vendor for correction of deficiencies.

Quarterly reports track the purchase orders received, deliveries made, and vendor administrative fees prescribed in Section 3.28 due in a given quarter.

All required quarterly report templates can be downloaded from the FSA website under the Cooperative Purchasing Program page, Other Links, Vendor Only page. All quarterly reports are to be sent to REPORTS@flsheriffs.org.

The quarterly report template shall be submitted using the Excel workbook provided. The workbook contains three 3 worksheets. The first worksheet titled "Instructions" must be completed with the name of the vendor and the quarter being reported in the fields that appear in red text. The quarter being reported should be selected from the drop down box. This information will be copied to the report page

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headers in each worksheet. The second worksheet must contain all sales or purchase orders received during the quarter. The third worksheet must contain information on all deliveries made during the quarter. This tab will automatically calculate the administrative fee due to FSA.

Purchase orders should not be sent with quarterly reports. A screenshot of the template of a quarterly report is located in Appendix D. Quarterly reports must be completed and submitted electronically. Quarterly reports are due no later than the 15th day of the month following the end of the quarter.

Quarterly reports shall follow this schedule for the duration of the contract:

Contract Year 1: October 1, 2020 – September 30, 2021

Year 1 Quarter 1:	October 1 – December 31	Q1 Report Due:	January 15
Year 1 Quarter 2:	January 1 – March 31	Q2 Report Due:	April 15
Year 1 Quarter 3:	April 1 – June 30	Q3 Report Due:	July 15
Year 1 Quarter 4:	July 1 – September 30	Q4 Report Due:	October 15

Contract Year 2: October 1, 2021 – September 30, 2022

Year 2 Quarter 1:	October 1 – December 31	Q1 Report Due:	January 15
Year 2 Quarter 2:	January 1 – March 31	Q2 Report Due:	April 15
Year 2 Quarter 3:	April 1 – June 30	Q3 Report Due:	July 15
Year 2 Quarter 4:	July 1 – September 30	Q4 Report Due:	October 15

Contract Year 3: October 1, 2022 – September 30, 2023, as applicable

Year 3 Quarter 1:	October 1 – December 31	Q1 Report Due:	January 15
Year 3 Quarter 2:	January 1 – March 31	Q2 Report Due:	April 15
Year 3 Quarter 3:	April 1 – June 30	Q3 Report Due:	July 15
Year 3 Quarter 4:	July 1 – September 30	Q4 Report Due:	October 15

If a contract extension is executed, the quarterly reports will maintain the same schedule for future reporting periods.

Quarterly reports must be submitted even if there are no sales or no deliveries in a quarter. If a vendor has no sales within a quarter, the vendor shall indicate “No sales this quarter” on the top row of the sales worksheet. If the vendor has no deliveries in a given quarter, the vendor shall indicate “No deliveries this quarter” on the top row of the delivery worksheet.

FSA reserves the right to modify the procedure for submitting quarterly reports during the term of the contract. Such a change shall not materially modify the substance of the information to be reported, but may change the method by which future quarterly reports are to be submitted. In the event of such a change, FSA will provide written notice to all vendors of the method by which future quarterly reports are to be submitted.

3.27 ADMINISTRATIVE FEE

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The FSA charges three quarters of one percent (.0075) to procure, process and administer the Contract.

After receipt of payment from contract purchases, the vendor shall remit all administrative fees to the FSA no later than 15 calendar days after the end of each quarter. All fees payable to the FSA during any given quarter will be accompanied and supported by a Quarterly Report.

Bidders are to include the administrative fee of three quarters of one percent (.0075) in all bid prices. The fee should be incorporated into the price at the time of bid submission. This fee should also be included on all add options. The administrative fee will remain payable to FSA and no relief from payment of the administrative fee, nor any additional charge to recoup the administrative fee, will be permitted if a vendor fails to incorporate the administrative fee in its bid pricing.

The fee should never be listed as a separate line item on any purchase order.

The administrative fee is based on the total purchase order amount of new vehicles or equipment. This fee excludes any value given to purchasers for trade-ins. Trade-ins, extended warranties and other exchanges will not reduce or impact the fee calculation.

The administrative fees are the contractual responsibility of each awarded vendor.

By submission of the quarterly reports and administrative fee, the vendor is certifying the accuracy of the reports and deposits. All reports and fee submissions shall be subject to audit by the FSA or their designee.

All participating vendors will be responsible for making sure that FSA has the contact information, including e-mail address, for the person responsible for quarterly reports. There will be no reminders for the quarterly reports or the administrative fee.

Checks for the administrative fee can be sent to:

Florida Sheriffs Association
Cooperative Purchasing Program
2617 Mahan Drive
Tallahassee, FL 32308

3.28 LIQUIDATED DAMAGES

The vendor warrants that the product supplied to the FSA or purchaser shall conform in all respects to the standards set forth and the failure to comply with this condition will be considered as a breach of contract. Any liquidated damages levied because of inadequacies or failures to comply with these requirements shall be borne solely by the vendor responsible for same.

Failure to submit the administrative fee with accompanying quarterly reports must be received by FSA within 15 calendar days following the end of each quarter will result in the imposition of liquidated damages. Vendors failing to submit administrative fees and/or quarterly reports will incur liquidated damages in the amount of \$25 for each calendar day that fees and reports are past due, beginning on the 16th day following the end of the quarter.

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If a civil action is initiated by the FSA to recover administrative fees or liquidated damages as set forth in this section and Section 3.28, the prevailing party shall be entitled to its reasonable attorneys' fees and costs incurred in the litigation. Venue shall lie in the Circuit Court for the Second Judicial Circuit in and for Leon County, Florida.

When quarterly reports are late, liquidated damages are to be included in vendor's Quarterly Report and administrative fee submission. Liquidated damages that remain unpaid beyond 45 calendar days can result in FSA, at its sole discretion, implementing contract compliance actions, including but not limited to, suspension, limited participation by specifications or zones, disqualification from future solicitations, or termination for cause pursuant to Section 1.45.

Schedule of Liquidated Damages

Failure to submit quarterly report and/or administrative fee on time	\$25 per calendar day
Failure to report a Purchase Order to FSA within the 15 calendar days of the purchase order date	\$100 per Purchase Order
Failure to Report Sales	.0075 of the sales price plus 1.5% each month following the delivery date.

Vendor agrees and acknowledges that its failure to take any of the actions specified in the above schedule will damage the FSA, but by their nature such damages are difficult to ascertain. Accordingly, the above specified schedule of liquidated damages shall apply to this contract. Vendor agrees and acknowledges that these liquidated damages are not intended to be and do not constitute a penalty, but are instead intended solely to compensate the FSA for damages, and that these amounts are reasonably calculated to compensate the FSA for the damages that it will incur as a result of the vendor's failure to take the specified actions.

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Appendix A



Florida Sheriffs Association Cooperative Purchasing Program Vendor Change Document

Please complete this form to validate a requested change to Company Addresses, Contacts or Contact Information below.
Include all sections where information has changed, old and new.

FSA Contract Number(s) affected by change: _____

Company Information Changes:

Old Information	New Information
Old Company Name:	New Company Name:
Old Company Address:	New Company Address:
Old Company City:	New Company City:
Old Company State:	New Company State:
Old Company Zip:	New Company Zip:

Company Contact Changes:

Old Contact Information	New Contact Information
Old Contact Name (First, Last):	New Contact Name (First, Last):
Old Contact E-Mail:	New Contact E-Mail:
Old Contact Office Phone:	New Contact Office Phone:
Old Contact Mobile Phone:	New Contact Mobile Phone:
Old Contact Fax Phone:	New Contact Fax Phone:

This information is requested by an authorized representative of _____.

This request will take effect as soon as it is received by FSA by e-mailing to cpp@flsheriffs.org.

Name of Authorized Company Representative _____

Job Title _____ Date of Request _____

Authorized Company Representative Signature: _____

FSA Office Use:		
Date Received:	Change Effective:	FSA Agent:

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Appendix B

FSA CONTRACT ZONE MAP



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Appendix C



CONFIRMATION OF ORDER FORM

Police Rated, Administrative, Utility Vehicles Trucks and Vans

Bid # FSAXX-XXXX

Vendors are to complete and return this confirmation of order form by email, fax or mail to the agency location listed below within fourteen (14) calendar days after receipt of purchase order.

Vendor:

Vendor: _____

Address: _____

City: _____ State: _____ Zip: _____

Contact Person: _____

Phone Number: _____ Fax: _____

Specification No. _____ Type Vehicle/Equipment: _____

Purchase Order Number: _____ Purchase Order Received: _____

Order Was Placed With the Manufacturer on: _____

Under Production Number: _____

Estimated Date of Delivery: _____

Comments: _____

PURCHASER: _____

Contact Person: _____

Address: City: _____

Phone Number: _____ State: _____ Zip: _____

E-mail: _____ Fax: _____

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Appendix E



Bid Calendar

FSA20-VEL28.0 Pursuit, Administrative and Other Vehicles
FSA20-VEH18.0 Heavy Trucks
FSA10-EQU18.0 Equipment

CALENDAR ITEM	DATE
Bid Announcement	4/22/20 & 5/25/20
Voluntary Workshops For Contracts FSA20-VEL28.0 & FSA20-VEH18.0 *	6/10/20
Mandatory Pre-Bid Meeting for Contract FSA20-VEL28.0 *	7/8/20
Mandatory Pre-Bid Meeting for Contract FSA20-VEH18.0 *	7/9/20
Request for Clarifications Due	7/30/20
Mandatory Qualifying Documents Submission	8/3/20
FSA Response to Request for Clarifications	8/5/19
Cone of Silence	8/7/20 – 10/1/20
Bid System Open	8/7/20
Bid Submissions Due	8/31/20
Public Bid Opening	9/1/20
Fleet Advisory Committee Bid Review	9/1/20 – 9/4/20
Intent to Award Posted	9/9/20
Final Bid Award	10/1/20

* Details for the Workshop, Mandatory Pre-Bid Meeting, and Public Bid Openings will be posted on FSA's website, emailed to interested bidders, or can be found in Florida Administrative Registrar (as appropriate) for the dates published.

* FSA intends to do an in-person Mandatory Pre-Bid meeting. However, the FSA has plans to conduct the meeting via webinar if conditions do not permit or are not safe for an in-person meeting. If FSA can conduct the meeting in-person, it will be held at the Falkenburg Road Jail Assembly Room at the Hillsborough County Sheriff's Office.

For the most up to date information on these events, please refer to

<https://www.flsheriffs.org/law-enforcement-programs/cooperative-purchasing-program/bid-announcements>.

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FSA20-EQU18.0 HEAVY EQUIPMENT CONTRACT

THE FOLLOWING ITEMS WILL BE FACTORY INSTALLED ON THE BASE VEHICLE/EQUIPMENT TO MEET THE MODEL NUMBER AND BUILD CODES OF THE VEHICLE LISTED. PLEASE REFER TO THE EMERGENCY VEHICLE LIGHTING AND SIRENS SECTION WITHIN THIS CONTRACT FOR DESCRIPTIONS, SPECIFICATIONS AND AWARDED VENDOR PRICING.

SPECIFICATION GROUP - BOAT: Aquatic Weed Cutter Workboat

Make: Weedoo Model TC-3012

Make: Weedoo Model: Aqua Harvester TC-3001

Make: Weedoo Model: TC 6450 Amphi-King

Make: Alamo Industrial (CONVER) Model: C485

Make: Alamo Industrial (CONVER) Model: C550

FSA Item Specifications Description:

1. GENERAL DIMENSIONS a. Height- 8` b. Width-7` 3" c. Length- 15` d. Height from waterline- 48" e. Boat draft- 4" to 6" f. Weight - 2285 lbs
2. ENGINE a. 3 cylinder diesel engine b. Liquid cooled c. Electric start, and charging system
3. HYDRAULICS a. Triple pump design b. 27 GPM c. Eco friendly hydraulic fluid
4. PROPULSION a. Twin hydraulic outdrives b. Weed and mud design propellers
5. VESSEL HULL a. Fiberglass/ Kevlar design b. Deck mounted cutter and loader
6. BOOM CUTTER a. Hydraulic drive b. Full articulation to cut 5` below waterline
7. FRONT END LOADER a. Marine type vegetation bucket
8. OPERATOR STATION a. All hydraulic functions/propulsion functions controls
9. TRAILER Trailer to be designed specifically for this workboat and will meet all federal, state, and local laws for a trailer operated on the highway.

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FSA20-EQU18.0 HEAVY EQUIPMENT CONTRACT

THE FOLLOWING ITEMS WILL BE FACTORY INSTALLED ON THE BASE VEHICLE/EQUIPMENT TO MEET THE MODEL NUMBER AND BUILD CODES OF THE VEHICLE LISTED. PLEASE REFER TO THE EMERGENCY VEHICLE LIGHTING AND SIRENS SECTION WITHIN THIS CONTRACT FOR DESCRIPTIONS, SPECIFICATIONS AND AWARDED VENDOR PRICING.

SPECIFICATION GROUP - BULLDOZER: 70HP Bulldozer Tractor with Canopy, Standard - Wide Track

Make: Caterpillar Model: D1

Make: John Deere Model: 450K

FSA Item Specifications Description:

1. ENGINE: a. Minimum 4 cylinder 70 Net HP
2. TRANSMISSION: a. Hydrostatic, infinitely variable speed. b. Constantly variable
3. UNDERCARRIAGE: a. Minimum 5 rollers b. Standard grouser minimum of 16" c. Top roller, each side
4. DOZER: a. Minimum 96" wide b. Minimum 32" high c. Minimum 1.88 cyd blade capacity d. Power, angle, tilt (PAT) type blade

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FSA20-EQU18.0 HEAVY EQUIPMENT CONTRACT

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SPECIFICATION GROUP - BULLDOZER: 90HP Bulldozer Tractor with Canopy, Standard - Wide Track

Make: Caterpillar Model: D2

FSA Item Specifications Description:

1. ENGINE: Minimum 4-cylinder 90 Net HP.
2. TRANSMISSION: Hydrostatic, infinitely variable speed; Constantly variable.
3. UNDERCARRIAGE: Minimum 6 rollers; Standard grouser minimum of 18"; Top roller, each side.
4. DOZER: Minimum 104" wide; Minimum 36" high; Minimum 2.5 CU YD blade capacity; Power, angle, tilt (PAT) type blade.

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SPECIFICATION GROUP - BULLDOZER: 180HP Bulldozer Tractor with Canopy

Make: Caterpillar Model: D6

Make: John Deere Model: 850L

Make: Komatsu Model: D65EX-18

FSA Item Specifications Description:

1. ENGINE: Minimum 6 cylinder 180 H.P. diesel engine.
2. TRANSMISSION: Power shift or hydrostatic drive; Power shift to have 3 forward and reverse gear ranges minimum; Hydrostatic drive to be variable.
3. UNDERCARRIAGE: 7 rollers each side minimum; Top roller each side minimum; Manufacturers standard length track; Manufacturers standard track width; 24" grouser width.
4. DOZER BLADE: 128" wide; 48" high; 2.5 cubic yard blade capacity; PAT type blade, power angle and tilt, hydraulically controlled.
5. OPERATING WEIGHT: Minimum Operating Weight - 43,000 lbs.

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SPECIFICATION GROUP - BULLDOZER: 90HP Bulldozer Tractor with Canopy

Make: John Deere Model: 550K

Make: Komatsu Model: D39EX-24

FSA Item Specifications Description:

1. ENGINE: Minimum 4-cylinder 90 Net HP.
2. TRANSMISSION: Hydrostatic, infinitely variable speed; Constantly variable.
3. UNDERCARRIAGE: Minimum 6 rollers; Standard grouser minimum of 18"; Top roller, each side.
4. DOZER: Minimum 104" wide; Minimum 36" high; Minimum 2.5 CU YD blade capacity; Power, angle, tilt (PAT) type blade.

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SPECIFICATION GROUP - CHIPPER: Brush Chipper - Trailer Mounted

Make: Bandit Model: 15XPC

Make: Dura Tech Model: TC-15

Make: Vermeer Model: BC1500XL

FSA Item Specifications Description:

1. DIMENSIONS: Weight - 6800 lbs; Width - 72"; Height - 100"; Length - 176"; 15" chipping capacity.
2. ENGINE: 122 hp diesel engine; Over center type clutch; Heavy duty air cleaner; Spin on type filters. CHASSIS: Main frame constructed of rectangular tubing or "z" section; 7000 lb. axle torsion type; Electric brakes with breakaway switch; ST 235/80R16 tires load range E; Steel wheels; Drop leg jack; 2 1/2" diameter lunette or 2 5/16" ball hitch; Adjustable height hitch; Safety chains; 6-way light connector; All wiring in conduit to lights; Four function rear lights.
3. FEED SYSTEM: Infeed throat opening - 20" x 15"; Serrated infeed rollers; Feed rollers hydraulically driven; Feed table height - 27"; Feed table length - 30"; Safety control bar a round infeed opening for emergency stop.
4. CHIPPER DRUM OR DISC: Drum type: Size - 22" diameter x 22" width; 2 knife pockets 180 degrees apart; Dual edge reversible knives; Extreme duty bearings; Adjustable bedknife (reversible); Disc type: 37" x 2" diameter disc; 4 knives reversible.
5. CHIPPER HOUSING: Easy access door for knife changes; Drop down door for anvil adjustment or clean out; Chipper housing to be constructed for maximum safety and operator protection.
6. DISCHARGE CHUTE: Rotation of 360 degrees; Adjustable chip deflector; Locking pin for chute rotation. MISCELLANEOUS: 26 gallon fuel tank; Engine shutdown system; Locking tool box; Vandalism protection.

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SPECIFICATION GROUP - COMPACTOR: 80,000 LB Landfill Compactor

Make: Al-Jon Model: Advantage

Make: Bomag Model: BC772RB-4

Make: Caterpillar Model: 826

Make: Tana Model: E380

Make: Volvo Model: LC450H

FSA Item Specifications Description:

1. WEIGHT: Minimum operating weight - 80,000 lbs.
2. ENGINE: Turbocharged diesel engine 400 hp minimum; Spin on type filters.
3. TRANSMISSION/HYDRAULIC SYSTEM: Mechanical or hydrostatic drive will be acceptable; 2 speeds forward and 2 speeds reverse, minimum; Spin on type hydraulic filters.
4. OPERATING STATION: Enclosed, sound suppressed cab; Air filtration system; Air conditioned, heater and defroster; Gauges and engine monitoring shutdown system; Adjustable suspension seat; Outside mirrors; Work lights; Windshield wipers and washer.
5. ELECTRICAL SYSTEM: 24-volt. WHEELS: Compaction wheels - 48" width minimum; Wheel diameter - 58" width minimum; Chevron chopper blades, weld-on or pin-on teeth type wheels acceptable; Anti-wire wrapping device, if applicable; Cleaner bars, if applicable.
6. BLADE: Straight or U type trash blade acceptable; 14' blade minimum; 6" blade height minimum; Full width trash screen on top of blade; Bolt on cutting edges.
7. MISCELLANEOUS: Fully shielded engine compartment; Removable belly pan; Landfill shielding package, if applicable.

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SPECIFICATION GROUP - COMPRESSOR: Air Compressor - Trailer Mounted

Make: Atlas Copco Model: XAS 188 T4F

Make: Doosan Model: P185WDO-T4F

Make: MULTIQUIP Model: DIS185SSI4F

Make: Sullair Model: 185 T4F

Make: Sullivan Palatek Model: D185PDZ

FSA Item Specifications Description:

1. APPROXIMATE DIMENSIONS: Weight: 1950 lbs.; Length: 79 Inches; Width: 40 Inches; Height: 47 Inches.
2. ENGINE: 49 hp Tier 4 Engine; 12 Volt electrical system; Engine protection system; Gauge package.
3. COMPRESSOR: 185 cfm @ 100 psi; Rotary or reciprocating style compressor; 2 service valves.
4. TRAILER: 3700 GVW axle rating; Manufacturer Rated Tires; Fold up tongue jack.
5. ENCLOSURE: Fixed weather enclosure over entire engine/compressor; 2 Full size tool boxes.

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SPECIFICATION GROUP - DUMP TRUCK: Articulating Off Road Dump Truck - 50,000 LB Payload

Make: Bell Model: B25E

Make: Caterpillar Model: 725

Make: Doosan Model: DA30-5

Make: Komatsu Model: HM300-5

Make: John Deere Model: 260E

Make: Volvo Model: A25G

FSA Item Specifications Description:

1. WEIGHT: a. Minimum operating weight - 40,000 lbs. b. Minimum gross weight (with payload) - 91,000 lbs.
2. ENGINE: a. Turbocharged diesel engine, 265 hp, 549 cubic inch minimum. b. Spin on type filters. c. Two stage air cleaner.
3. TRANSMISSION: a. 6 speeds forward, 1 speed reverse. b. Top speed of 31 mph c. Hydraulic retarder
4. BRAKES: a. Disc type service brakes. b. Disc type parking brake.
5. AXLES & DIFFERENTIALS: a. Differential locks b. Planetary gear reduction final drives. c. Inter axle differential lock.
6. TIRES: a. Tubeless, radial off road hauler tires. b. 23.5 R 25 tire size
7. STEERING: a. 45 degree left or right articulation angle. b. Secondary electric steering system for emergency steering. c. Double acting steering cylinders.
8. OPERATING STATION: a. Cab to be pressurized, heated, air conditioned and filtered. b. Built in ROPS/FOPS protection. c. Suspension type operators seat with seat belt. d. Cab instrumentation or engine monitoring system with audible alarms. e. Tinted glass windows. f. Sun visor g. Front and rear intermittent windshield wipers. h. Work lights, headlights, stop, tail and turn signal lights. i. Left and right mirrors.
9. BODY: a. Dump body tipping angle 70 degrees. b. Mud flaps c. Two single stage double acting body hoist cylinders. d. 18 yd. heaped capacity e. Body rise time maximum 12 seconds.
10. MISCELLANEOUS: 95 gallon fuel tank minimum. b. Guard or shielding package.

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SPECIFICATION GROUP - EXCAVATOR: Telescopic Excavator - 45,000 LB Operating Weight - Track

Make: Gradall Model: 4200

FSA Item Specifications Description:

1. WEIGHT: a. Minimum operating weight 45,000 lbs.
2. ENGINE: a. 4 cylinder turbocharged diesel, 170 HP at 2200 RPM b. Spin on type filters c. Two stage air cleaner d. 12 volt 100 AMP alternator e. 90 gallon fuel capacity
3. TRACK DRIVE: a. Two speed, automatic with manual override b. High torque piston motors each track c. Planetary drives d. Travel speed high 3.4 MPH, Low 1.9 MPH e. Automatic parking brake f. Individual track control
4. TRACKS: a. 23.6 pad size
5. OPERATOR'S STATION: a. Acoustical lined b. Adjustable seat c. Tinted safety glass d. Filtered fresh air e. Heater, air conditioned, and defroster f. Wipers and washers g. Skylight h. Work lights
6. OPERATOR'S STATION CONTROLS: a. Electric engine monitoring system b. Auto idle c. Electronic joysticks on adjustable pedestals d. Pedals for travel and steering e. Low/high travel switch f. Engine speed control
7. SAFETY ITEMS: a. Electric horn b. Movement alarm c. Fire extinguisher d. Mirrors, right and left side
8. HYDRAULIC SYSTEM: a. Hydraulic oil cooler b. 120 HP track drive motors (each) c. 64 HP swing motor d. Electronic hydraulic system monitor e. Spin on hydraulic filters f. Swing speed 7.0 RPM g. Automatic swing brake
9. BOOM: a. Telescopic boom b. 180 degree boom rotation c. 30' reach at ground level from center pivot to buck cutting edge 10. BUCKET: a. 60" ditching bucket provided with machine b. Quick attach type1. WEIGHT: a. Minimum operating weight 47,000 lbs.

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SPECIFICATION GROUP - EXCAVATOR: Telescopic Excavator - 47,000 LB Operating Weight - 6X6 Wheel

Make: Gradall Model: XL4100

FSA Item Specifications Description:

1. WEIGHT: a. Minimum operating weight 47,000 lbs.
2. CARRIER: Carrier Engine: 1. 6 cylinder turbocharged diesel 250 hp at 2200 rpm 2. Spin on type filters
3. Two stage air cleaner
4. 24 volt 70 amp alternator a. Carrier Transmission & Clutch: 1. 6 speed automatic transmission b. Carrier Transfer Case: 1. 1 to 1 transfer case 2. Front axle disconnect c. Carrier Cab: 1. One person cab 2. Air ride seat 3. Heater, air condition, and defroster 4. 2 speed windshield wipers
5. Tinted glass 6. Isolated and acoustic lined 7. Gauges to monitor engine functions d. Frame: 1. Sized for GVW and stress of mounted upper structure 2. Bolt on front bumper 3. Desiccant type, spin on type, air dryer 4. Fuel tank 50 gallon minimum e. Safety: 1. Electric horn 2. West coast mirrors with convex spot mirrors 3. Tow hooks 4. Fire extinguisher 5. Backup alarm f. Front Axle: 1. 16,000 front drive axle 2. Leaf spring suspension 3. 16.5x5 "S" cam brakes 4. Automatic slack adjuster 5. Integral power steering 6. Hydraulic axle lockouts 7. 425/65R22.5 on/off road tires g. Rear Axle: 1. Tandem axles 40,000 lb. rated 2. Hendrickson rear suspension 3. 16.5x7 "S" cam brakes 4. Automatic slack adjusters 5. 11R 24.5 traction type tires h. 3. UPPER STRUCTURE: Hydraulic System: 1. 80 HP drive motor 2. 44 HP swing motor a. 3. Automatic swing park brake 4. 50 gallon oil reservoir 5. Spin on hydraulic filters
6. Swing speed 8 RPM Hydraulic Remote Control: 1. Travel and steering controls in upper structure cab 2. Automatic brakes and axle lockouts 3. Movement alarm b. Upper Structure Cab: 1. Isolated and acoustic lined 2. Tinted safety glass 3. Adjustable operators seat 4. Heater, air condition, and defroster 5. Work lights 6. Wipers and washers
7. Mirrors on left and right
8. Skylight c. Upper Structure Control: 1. Electronic joysticks on adjustable pedestals 2. Engine monitoring lights or gauge with audible warning or automatic shutdown 3. Pedals for steering and travel 4. Low/high travel switch 5. Electric horn 6. Engine speed control d. Bucket: 1. Quick attach type 2. 60" ditching bucket provided with machine e. Boom: 1. Telescopic boom 2. 180 degree boom rotation 3. 30` reach at round level from upper structure pivot to bucket cutting edge.

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SPECIFICATION GROUP - EXCAVATOR: Wheeled Hydraulic Excavator - 42,000 LB Operating Weight

Make: Caterpillar Model: M318

Make: Doosan Model: DX210WE-5

Make: Hitachi Model: ZX19W-5

Make: Hyundai Model: HW180

Make: John Deere Model: 190 GW

Make: Volvo Model: EW180E

FSA Item Specifications Description:

1. WEIGHT: a. Minimum operating weight - 42,000 lbs.
2. ENGINE: a. Turbocharged diesel engine 140 hp b. Spin on type filters c. Two stage air cleaner
3. TRAVEL SYSTEM: a. Travel speed of 21 mph
4. HYDRAULIC SYSTEM: a. Standard auxiliary hydraulic valve. b. Hydraulic system flow 99 gpm minimum.
5. WHEEL DRIVE: a. Wheelbase 8` minimum b. Tire size 10:00x20 c. Ground clearance 13" minimum d. Gradeability 61 percent
6. OPERATING STATION: a. Cab to be air conditioned, heated, and pressurized filtration system. b. Intermittent windshield wipers. c. Opening front windshield. d. Vibration dampening cab mounts. e. Adjustable suspension type operator seat with safety belt. f. Tinted safety glass. g. Engine monitoring system with audible alarms. h. Work lights. i. Tail, stop, turn, and emergency flashers.
7. STICK, BOOM, BUCKET: a. Boom and stick combination to allow minimum reach at ground level of 30` minimum. b. Bucket to be a general purpose bucket, appropriately sized for machine and included.
8. SWING SYSTEM: a. Swing radius 7 ft. approximate. b. Swing speed 9.5 rpm minimum.
9. MISCELLANEOUS: a. Fuel capacity of 77 gallons minimum.
10. BLADE/OUTRIGGERS: a. Front blade with 8` minimum b. Rear outriggers FLO

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SPECIFICATION GROUP - EXCAVATOR: All Terrain Walking Excavator

Make: Kaiser Model: S8

Make: Menzi Model: Muck

FSA Item Specifications Description:

1. WEIGHT: 15,873 lbs. 2x4; 17,196 lbs. 4x4 Option.
2. ENGINE/CAB: Diesel engine, minimum 95 net horsepower; Roll over enclosed cab air conditioned and heated; Hinged quick release side window for emergency exit (operational at all boom positions); Hinged front window opening outward for safety (not inward reducing operator head room); Gauges or warning indicators for fuel level, engine oil, hydraulic oil and coolant; Mirrors; Air suspension operators` seat; Full size cab (width of machine).
3. TRAVEL SYSTEM: Minimum high-speed travel - 5 mph; Minimum grade-ability 70%; Four tires.
4. HYDRAULIC SYSTEM: Digging depth - 15`4"; Auxiliary hydraulic circuit and controls plumbed to the end of stick with disconnect to allow the use of hydro-mechanical work tools; Hydraulic swing system; Stabilizers to be individually controlled in the vertical and horizontal positions.
5. ELECTRICAL SYSTEM: Work lights.
6. BUCKET: 4` wide grading bucket.

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SPECIFICATION GROUP - EXCAVATOR: Hydraulic Excavator - 15,590 LB Operating Weight

Make: Bobcat Model: E85R

Make: Bobcat Model: Excavator E145

Make: Caterpillar Model: 308

Make: Doosan Model: DX85R-3

Make: Hitachi Model: ZX75US-5

Make: Hyundai Model: R80CR-9A

Make: John Deere Model: 75G

Make: Kobelco Model: SK-75SR-3E

Make: Komatsu Model: PC88MR-10

Make: Kubota Model: KX080-4S

Make: Link-Belt Model: 75X3

Make: Takeuchi Model: TB290

Make: Volvo Model: ECR88D

FSA Item Specifications Description:

1. WEIGHT: Minimum operating weight 15,590 lb. ENGINE: Diesel engine, 53 horsepower; Fuel capacity 26 gallons.
2. TRAVEL SYSTEM: Minimum high-speed travel of 3.0 mph.
3. UNDERCARRIAGE: Overall track length 9'1"; Overall track width 11' minimum 7'6"; Shoe width 17.7" minimum.
4. OPERATING STATION: ROPS Cab to be air conditioned, heated and pressurized filtration system; Opening front windshield; Adjustable suspension type seat with safety belt; Tinted safety glass; Engine monitoring system with audible alarms; Work lights.
5. STICK, BOOM, BUCKET: Boom and stick combination to allow minimum reach at ground level of 20'11"; Bucket to be general purpose bucket, appropriately sized for machine and included.
SWING SYSTEM: Swing radius 5' approximate; Swing speed 9.0 RMP.

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SPECIFICATION GROUP - EXCAVATOR: Hydraulic Excavator - 38,000 LB Operating Weight

Make: Caterpillar Model: 316F

Make: Doosan Model: DX180LC-5

Make: Hitachi Model: ZX160LC-6

Make: Hyundai Model: HX160L

Make: John Deere Model: 160GLC

Make: Kobelco Model: SK170LC

Make: Komatsu Model: PC170LC-11

Make: Link-Belt Model: 160X4

Make: Volvo Model: EC160E

FSA Item Specifications Description:

1. WEIGHT: Minimum operating weight - 38,000 lbs. ENGINE: Turbocharged diesel engine 113 hp.
2. TRAVEL SYSTEM: Travel speed of 3.2 mph.
3. HYDRAULIC SYSTEM: Standard auxiliary hydraulic valve; Main hydraulic system flow 72 GPM minimum.
4. UNDERCARRIAGE: Overall track length 12` 10" minimum; Overall track width 8`5" minimum; Shoe width 24".
5. OPERATING STATION: ROPS Cab to be air conditioned, heated and pressurized filtration system; Intermittent windshield wipers; Opening front windshield; Adjustable suspension type operator seat with safety belt; Work lights.

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SPECIFICATION GROUP - EXCAVATOR: Hydraulic Excavator - 76,550 LB Operating Weight

Make: Caterpillar Model: 336

Make: Doosan Model: DX350LC-5K

Make: Hyundai Model: HX330L

Make: John Deere Model: 350GLC

Make: Komatsu Model: PC360LC-11

Make: Kobelco Model: SK350LC

Make: Link-Belt Model: 350X4

Make: Volvo Model: EC350 E

FSA Item Specifications Description:

1. WEIGHT: Minimum operating weight - 76,550.
2. ENGINE: Turbocharged diesel engine 257 HP; Fuel capacity 145 gallons. TRAVEL SYSTEM: Travel speed of 2.9 mph.
3. HYDRAULIC SYSTEM: Standard auxiliary hydraulic valve; Main hydraulic system flow 144 GPM minimum.
4. UNDERCARRIAGE: Overall track length 16`2"; Overall track width 10`6"; Shoe width 24".
5. OPERATING STATION: ROPS Cab to be air conditioned, heated and pressurized filtration system; Intermittent windshield wipers; Opening front windshield; Adjustable suspension type operator seat with safety belt; Tinted safety glass; Engine monitoring system with audible alarm; Work lights.
6. STICK, BOOM, BUCKET: Boom and stick combination to allow minimum reach at ground level of 35`6"; Bucket to be a general-purpose bucket, appropriately sized for machine and included. SWING SYSTEM: Swing radius 12; Swing speed 9.2 RPM.

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SPECIFICATION GROUP - EXCAVATOR: Mini Hydraulic Excavator - 7,105 LB

Operating Weight

Make: Bobcat Model: E32 R

Make: Caterpillar Model: 303E CR

Make: Doosan Model: DX35-5

Make: Hitachi Model: ZX35-U-5

Make: Hyundai Model: R35Z-9A

Make: John Deere Model: 35G

Make: Kobelco Model: SK35SR

Make: Komatsu Model: PC35MR-5

Make: Kubota Model: U35-4

Make: Takeuchi Model: TB240

Make: Volvo Model: EC 35 D

Make: Yanmar Model: Vi035-6A

FSA Item Specifications Description:

1. WEIGHT: 7,105 minimum weight.
2. ENGINE/CAB: Diesel engine, minimum 23 HP; ROPS canopy; Gauges or warning indicators for fuel level, engine oil, hydraulic oil and coolant.
3. TRAVEL SYSTEM: Minimum high-speed travel 2.3 MPH; Minimum gradeability, 20 degrees; 11" wide rubber belt tracks.
4. HYDRAULIC SYSTEM: Digging depth 9' minimum; Auxiliary hydraulic circuit and controls plumbed to the end of stick with disconnect to allow the use of hydro-mechanical work tools; Backfill blade; Hydraulic swing system.
5. ELECTRICAL SYSTEM: Work lights.

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SPECIFICATION GROUP - EXCAVATOR: Trailer Mounted Vacuum Excavator, 14,000 LB GVWR

Make: RamVac Model: Vacuum Excavator

Make: Vac-Con Model: Mudslinger

Make: Ver Make: X-Vac

Model: X800meer Model: LP873SDT

FSA Item Specifications Description:

1. WEIGHT: 14,000 lb. GVWR.
2. ENGINE: 36 hp diesel engine; Water cooled; Fully enclosed sound attenuated engine enclosure (including vacuum pump and high-pressure water pump); 15 gallon fuel tank.
3. VACUUM PUMP: 580 CFM at 15 inches of mercury; Mounted inside engine enclosure; Washable filtration cylinders; Reverse pressure (to clear hose and offload liquids).
4. HIGH PRESSURE WATER SYSTEM: 400 PSI at 4 GPM water pump; Low water automatic shutdown; Two 100 gallon poly water tanks; 50' high pressure water hose on hose reel; 5' and 3' wand and control handle. CONTROLS: Lockable and waterproof; Curbside located; Oil pressure, water temperature, fuel and vacuum gauge; Electronic throttle.
5. TANK: Full open rear door; Door hydraulically opened; Twin dump cylinders; 6" stainless steel portal shutoff; 800-gallon debris tank capacity. BOOM: 4" pickup hose; Hydraulically powered in/out and up/down; Boom cradle; 360-degree movement; 2 dielectric 3" suction wands; 33' rubber suction hose.
6. TRAILER: 7,000 lb. dexter torsion axles; 14,000 lb. GVWR; 10,000 lb. jack stand; I beam construction; Pintle hitch; Electric brakes with safety breakaway; LT235/85R16 tires; Stop/tail/turn lights

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SPECIFICATION GROUP - GENERATOR: 125kW Generator Package

Make: AKSA Model: ULJ-125

Make: Blue Star Power Systems Model: JD125-02

Make: Caterpillar Model: D125-8

Make: Generac Model: SD130

Make: Gillette Generators Model: SPJD-1250

Make: LJP Model: ULJ125

Make: Tradewinds Model: T125

FSA Item Specifications Description:

1. GENERATOR REQUIREMENTS: Standby duty rated at 125.0 kW, 156.3 KVA, 8 power factor; 480 volts; 3 phase, 60 hertz, 1800 rpm; Directly connected to the engine flywheel housing with flex coupling; Generator shall meet performance class G3 of IEC; Unit shall be in compliance with and be UL 2200 labeled.
2. ENGINE: Water cooled diesel engine, sized for generator set; Emission compliant engine.
3. CONTROLS: Solid state, microprocessor-based generator controls; Controls shall provide all operating, monitoring and control functions for generator set.
4. ENCLOSURE/SILENCER: Complete diesel engine generator set including control panel, engine starting batteries and fuel oil tank shall be enclosed in a factory assembled water protective, sound attenuated enclosure; Critical grade silencer; Companion flanges; Flexible stainless-steel exhaust. FUEL TANK: Double wall sub-base tank integral to enclosure; 24-hour capacity at 100% at full load; Rupture basin with 110% capacity; Locking fuel caps; Mechanical fuel level gauge; Low fuel level alarm contact; Fuel tank rupture alarm contact; Must meet UL 142 and FDEP standards.
5. BATTERY CHARGER: Current limiting battery charger to automatically charge batteries; Charger shall be dual charge rate with automatic switching to boost rate when required; Charger shall be mounted on genset package.
6. STARTUP AND TESTING: Vendor must coordinate all startup and testing activities with the engineer and owner. After installation is completed by others and normal power is available, the vendor must perform a one (1) day startup including the use of building load; The startup technician will instruct all necessary personnel how to operate and maintain the equipment in accordance to the manufacturer's requirements.

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SPECIFICATION GROUP - GENERATOR: 125kW Generator Package (Continued from previous page)

7. **CONDITIONS:** In addition to equipment specified, each generator shall be equipped with all standard equipment as specified by the manufacture for this model and shall include but not be limited to the following necessary items: Initial filling of oil and antifreeze (fuel provided by others); Shrink wrap applied to the product to ensure a clean finish; During the startup, the technician shall record the following information and provide to the owner for his records: Record Operating Voltage, Hz, Ph, and connected load (Amperage); Package information consisting of make of generator (Cat, Wacker, or Tradewinds), model (TJ125 TP20, DP125, etc.), Serial number of complete package, and startup date; Record engine and generator serial numbers; One complete set of operation and maintenance manuals; Two (2) year or 1500-hour standard standby generator warranty; Labor, materials, and travel for the warranty period repair will be paid by manufacturer during normal business hours.

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SPECIFICATION GROUP - GENERATOR: 150kW Mobile Generator Package

Make: Atlas Copco Model: QAS 250

Make: Blue Star Power Systems Model: VD150-02FT4MP

Make: Doosan Model: G190 WCU-34-T4F

Make: Generac/Magnum Model: MDG175DF4

Make: LJP Model: AT150

Make: MULTIQUIP Model: DCA180SSJU4F3

Make: TechnoGen Model: FP200TSX

Make: Tradewinds Model: T150

Make: Wacker Neuson Model: G180

FSA Item Specifications Description:

1. GENERATOR REQUIREMENTS: Standby duty rated at 150kwe, 187kva, 8 power factor; Prime power duty rating 135kwe, 168kva, 0.8 power factor; Main Breaker shall be equipped with shunt trip; Generator end shall be Direct coupled to the engine flywheel with a flexible coupling; Generator shall meet performance class G3 of IEC; Jacket water heater.
2. ENGINE: 6-cylinder, water cooled, 1800rpm, diesel engine; Current emission compliant diesel engine; Spin on fuel and oil filters.
3. VOLTAGE CHANGE OVER SWITCH & DISTRIBUTION: Manual 3 position voltage change over switch to select each voltage as specified when the unit is not running. b. 1ph 120/240, 3ph 120/240, 3ph 120/208, and 3ph 277/480; A five-point connection shall be provided for ease of connection of load leads; One 50amp, 120/240vac, 1 ph, twist lock receptacle; One 30amp, 120/240vac, 1 ph, RV type receptacle; Two 20amp, 120/240vac, 1 ph, duplex receptacle; Two 20amp, 120/240vac, 1ph, duplex GFI receptacle; Each receptacle shall be protected by a individual circuit breaker; A receptacle shall be provided to power both the jacket water heater and on-board battery charger; Two thumb screw type connection points shall be provided for remote auto start.
4. CONTROLS: Solid state, microprocessor-based generator controls; Controls shall provide all operating, monitoring and control functions for the generator set. Controls shall provide for auto start/stop functions; A emergency stop push button will be installed; A voltage adjustment shall be provided in the panel to adjust voltage in all voltage positions; A switch shall be provided in the panel to turn all power off in the panel if not being used.

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SPECIFICATION GROUP - GENERATOR: 150kW Mobile Generator Package

(Continued from Previous page)

5. ENCLOSURE: Complete diesel engine generator set including control panel, engine starting batteries and fuel tank shall be enclosed in a factory assembled weather protective, sound attenuated enclosure; The sound attenuated enclosure noise level is not to exceed 73 - 75dba @ 21 feet; Oil and water drain lines shall be provided and extend to the enclosure wall with valves for easy service; Critical grade silencer; Companion flanges; Flexible exhaust-flex; Keyed alike lockable doors. IN BASE FUEL TANK TRAILER: Trailer shall be DOT approved with proper serial number data plate indicating weight capacity minimum of 10,000 lbs; Trailer will have dual axles with torque springs to reduce overall height of package; Standard 7 or 5 pin vehicle hitch receiver to be supplied; Trailer will have two rear level jacks with sand shoes and front leveling jack; Trailer will have hydraulic brakes; Trailer will have all necessary safety equipment to include but not be limited to an adjustable and removable pintle hitch, 30-inch safety chains, fenders, lights per DOT, and break away cable; Tires will be minimum load range type "D" (8 ply rating) with matching steel rims. Rims are to be finish painted; Minimum 8-hour capacity at 75% load rating to determine single wall tank size; A mechanical fuel gauge will be provided; Locking fuel cap; Low fuel level alarm; All necessary vents and caps will be provided along with suction, return, and drain points.
6. BATTERY CHARGER: Battery will be installed in holding container with battery cables; Current limiting battery charger to automatically charge batterie; Charger shall be dual charge rate with automatic switching to boost rate when required; Charger mounted inside generator set package; Fully charged battery will be provided at time of delivery and startup.
7. STARTUP & COMMISSIONING: One (1) day startup including operational test of equipment showing proper connection of cables with safety issues performed by a factory trained technician; The startup technician will instruct personnel how to operate and maintain the equipment in accordance with the manufacturer's requirements.
8. CONDITIONS: In addition to equipment specified, each generator shall be equipped with all standard equipment as specified by the manufacturer for this model and shall include but not be limited to the following items: All product shall be new and of current design; Initial filling of oil and antifreeze (diesel fuel by others); During startup, the technician shall record the following information and provide to owner for his records: Operating Voltage, Hertz, Phase, and connected load (Amperage) [if any]; Package information consisting of Make of generator; Model; Serial number of complete package, and startup date; Written Information consisting of make, model, serial number, and startup date; Record Engine and Generator Serial numbers; One complete set of operation and maintenance manuals; Two (2) year or 1500-hour standard mobile generator warranty will apply. Generator to be transported to authorized servicing dealer for warranty repair during normal business hours;
9. TRAILER: The trailer must have a VIN and a certificate of origin.

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SPECIFICATION GROUP - GENERATOR: 500kW Generator Package

Make: AKSA Model: APD-ULJ500

Make: Blue Star Generator Model: VD500-01

Make: Caterpillar Model: 15 ACERT

Make: Generac Model: SD500

Make: Gillette Generators Model: SPVD-5000

Make: LJP Model: ULJ500

Make: Tradewinds Model: T500

FSA Item Specifications Description:

1. GENERATOR REQUIREMENTS: Standby duty rated at 500kwe, 625kva, 0.8 power factor; 480 volts; Voltage options are: 120/240, 120/208 or 277/480 3ph; Directly connected to the engine flywheel housing with a flex coupling; Generator shall meet performance class G3 of IEC; Unit shall be compliance with UL 2200 specifications.
2. ENGINE: 6-cylinder, water cooled, 1800rpm, diesel engine; Emission compliant engine to stationary standby regulations. CONTROLS: Solid state, microprocessor-based generator controls; Controls shall provide all operating, monitoring and control functions for the generator set; Control panel is NFPA110 Compliant.
3. ENCLOSURE/SILENCER: Complete diesel engine generator set including control panel, engine starting batteries and fuel oil tank shall be enclosed in a factory assembled weather protective, sound attenuated enclosure with oil and water drain lines; Enclosure shall be constructed from aluminum, preferably out of .125 thickness and 5058 marine grade aluminum; Critical grade silencer (25DB Reduction); Companion flanges; Flexible stainless-steel exhausts flex.
4. FUEL TANKS: Double wall sub-base diesel fuel tank shall be integral to the enclosure; 24-hour capacity at 75% load rating; Rupture basin will be of 110% capacity; Locking fuel caps; All necessary vents and caps will be provided; Mechanical fuel level gauge; Low fuel level alarm contact; Fuel tank rupture basin alarm contact; Must meet UL 142 and FDEP standards.
5. BATTERY CHARGER: Current limiting battery charger to automatically charge batteries; Charger shall be dual charge rate with automatic switching to boost rate when required; Charger shall be mounted on genset package.
6. DELIVERY: Net cost includes delivery of equipment to governmental site location; Coordination and offloading of the equipment at the governmental site location will be the responsibility of the purchasing agency.

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SPECIFICATION GROUP - GENERATOR: 500kW Generator Package **(Continued from previous page)**

7. **STARTUP AND COMMISSIONING:** Vendor must coordinate all startup and testing activities with the engineer and owner; After installation has been completed, approved by the local electrical inspector, and normal power is available, the vendor will perform a one (1) day startup including the use of building load; The startup technician will instruct all necessary personnel how to operate and maintain the equipment in accordance to the manufacturer's requirements.
8. **CONDITIONS:** In addition to equipment specified, each generator shall be equipped with all standard equipment as specified by the manufacture for this model and shall include but not be limited to the following necessary items: Initial filling of oil and antifreeze; Shrink Wrap applied to the product to ensure a clean finish; During the startup, the technician shall record the following information and provide to the owner for his records: Record Operating Voltage, Hz, Ph, and connected load (Amperage); Package Information consisting of Make, Model, Serial number, and Startup Date; Record Engine and Generator Serial numbers. One complete set of operation and maintenance manuals; Two (2) years or 1000 hours standard standby generator warranty, whichever occurs first; Labor, materials, and travel for the warranty period repair will be paid by manufacturer during normal business hours.

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SPECIFICATION GROUP - GENERATOR: 500kW Mobile Generator Package

Make: Atlas Copco Model: QAS 625 T4F

Make: Blue Star Generator Model: VD500-02FT4MP

Make: Caterpillar Model: XQ570

Make: Tradewinds Model: TM500

FSA Item Specifications Description:

1. GENERATOR REQUIREMENTS: Standby duty rated at 500kwe, 625kva, 0.8 power factor; Prime power duty rating 450kwe, 563kva, 0.8 power factor; Main Breaker shall be equipped with shunt trip; Generator end shall be Direct coupled to the engine flywheel with a flexible coupling; Generator shall meet performance class G3 of IEC.
2. ENGINE: 6-cylinder, water cooled, 1800rpm, diesel engine; Current emission compliant diesel engine ; Spin on fuel and oil filters; Jacket water heater with service valves to ensure coolant does not need to be drained if heater needs service; 120vac, 1ph, 60hz input 10 amp, 24vdc, output automatic battery charger; Standard 4D lead acid batteries with battery rack and cables.
3. VOLTAGE CHANGE OVER SWITCH AND DISTRIBUTION: Manual 2 position voltage change over switch to select each voltage as specified when the unit is not running 3ph 120/208, and 3ph 277/480` ; Load leads shall be attached to the generator using two (2) forms and shall be rated for 2000 amps. Generator will be equipped with both; Five (5) compression lugs per phase rated for 400 amps each; A 20 amp, 120vac, 1ph, male receptacle shall be provided to power the jacket water heater; A 20 amp, 120vac, 1ph, male receptacle shall be provided to power the battery charger; Two thumb screw type connection points shall be provided for remote auto start.
4. CONTROLS: Solid state, microprocessor-based generator controls; Controls shall provide all operating, monitoring and control functions for the generator set. Controls shall provide for auto start/stop functions; An emergency stop push button will be installed; A voltage adjustment shall be provided in the panel to adjust voltage in all voltage positions; A switch shall be provided in the panel to turn all power off in the panel if not being used; A front face mounted circuit breaker shall be provided to protect the panel from any D.C. spikes.
5. ENCLOSURE: Complete diesel engine generator set including control panel, engine starting batteries and fuel tank shall be enclosed in a factory assembled weather protective, sound attenuated enclosure; The sound attenuated enclosure noise level is not to exceed 80 dba @ 21 feet; Enclosure shall be constructed from aluminum, preferably out of .125 thickness and 5058 marine grade aluminum; Oil and water drain lines shall be provided and extend to the enclosure

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SPECIFICATION GROUP - GENERATOR: 500kW Mobile Generator Package (Continued from previous page)

6. wall with brass ball valves for easy service; Critical grade silencer (25db reduction); Companion flanges; Flexible exhaust-flex; Keyed-alike lockable doors.
7. IN BASE FUEL TANK TRAILER: Trailer shall be DOT approved with proper serial number data plate indicating weight capacity minimum of 20,000 lbs.; Trailer will have dual axles with torque springs to reduce overall height of package; Standard 7 pin vehicle wiring connector to be supplied; Trailer will have two rear level jacks with sand shoes and front leveling jack; Trailer will have hydraulic brakes; Trailer will have all necessary safety equipment to include, but not be limited to, an adjustable and removable pintle hitch, 36-inch safety chains, fenders, lights per DOT, and break away cable; Tires will be minimum load range type "D" (8 ply rating) with matching steel rims; Rims are to be finish painted; Minimum 8-hour capacity at 75% load rating to determine single wall tank size; A mechanical fuel gauge will be provided; Locking fuel cap; Low fuel level alarm; All necessary vents and caps will be provided along with suction, return, and drain points.
8. BATTERY CHARGER: Battery will be installed in holding container with battery cables; Current limiting battery charger to automatically charge batteries; Charger shall be dual charge rate with automatic switching to boost rate when required; Charger mounted inside generator set package; Fully charged battery will be provided at time of delivery and startup; 120-volt shore power connector for battery charger.
9. STARTUP AND COMMISSIONING: One (1) day startup including operational test of equipment showing proper connection of cables with safety issues performed by a factory trained technician; The startup technician will instruct personnel how to operate and maintain the equipment in accordance with the manufacturer's requirements.
10. CONDITIONS: In addition to equipment specified, each generator shall be equipped with all standard equipment as specified by the manufacturer for this model and shall include, but not be limited to, the following items: All product shall be new and of current design; Initial filling of oil and antifreeze (diesel fuel by others); During startup, the technician shall record the following information and provide to owner for his records: Operating Voltage, Hertz, Phase, and connected load (Amperage-if any); Written Information consisting of make, model, serial number, and startup date; Record Engine and Generator Serial numbers; One complete set of operation and maintenance manuals; Two (2) years or 1000 hours standard mobile generator warranty will apply, whichever occurs first; Generator to be transported to authorized servicing dealer for warranty repair during normal business hours. TRAILER: The trailer must have a VIN and a certificate of origin.

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SPECIFICATION GROUP - LIFT: Cushion Tire Lift - 4,000 LB Capacity

Make: Caterpillar Model: 2CC4000

Make: Crown Model: CGC20SC-9

Make: Mitsubishi Model: FGC20CN

Make: Toyota Model: 8FGCU20

FSA Item Specifications Description:

1. ENGINE: a. 50 hp LP gas engine
2. TRANSMISSION: a. Powershift type b. Inching pedal c. 1 speed forward, 1 speed reverse
3. HYDRAULIC SYSTEM: a. 19.0 gpm at 2250 psi
4. CHASSIS: a. Wheelbase - 46" b. Tread width - 33" (with standard tires) c. Ground clearance at lowest point - 3" Tire size: 1. Front - 18.0 x 7 x 12 cushion tire 2. Rear - 14.0 x 5 x 10 cushion tire d. e. Steering radius - 72" Brakes: 1. Hydraulic service brakes 2. Mechanical parking brake f.
5. LIFT: a. Two stage lift mast b. Lift height minimum - 130" c. Lift capacity - 4000 lbs. d. Fork spacing - 7" to 32" minimum e. Tilt - 5 degrees forward/10 degrees backward
6. MISCELLANEOUS: a. FOPS protection b. Work lights c. Seat belts

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SPECIFICATION GROUP - LIFT: Scissor Lift - Self Propelled

Make: Genie Model: GS-1932

Make: JLG Model: JLG ES1932

FSA Item Specifications Description:

1. DIMENSIONS (APPROXIMATE) a. 64" x 29" Platform b. 36" Extension Deck c. 25` Working Height (raised) d. 18` Platform Height (raised) e. Lift Capacity 500 lbs.
2. POWER: a. 24 Volt b. 4-6 Volt Batteries c. On Board Charging System d. Dual Front Wheel Drive
3. BRAKES: a. 2 or 4 wheel brakes
4. PLATFORM: a. Fixed rails b. 36" Extension Deck c. AC Power to platform d. Lanyard attachment points
5. SAFETY: a. Manual platform lowering b. Emergency Stop on Platform and Ground control c. Descent alarm d. Hour meter e. Horn f. Pothole guards g. On board diagnostic system h. Tilt lever sensor with alarm i. Scissor maintenance prop

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SPECIFICATION GROUP - LIGHT TOWER: Light Tower - Trailer Mounted

Make: Signal Power Model: HT444PC

FSA Item Specifications Description:

1. DIMENSIONS (APPROXIMATE) a. Length 174" b. Width - Solar Panels Retracted 69" c. Height 72" d. Mast Deployed Height 30' e. Weight - 1850 pounds.
2. GENERATOR a. Perkins 403.F.11-10KW Tier 4 b. 2, 20A/120 v Receptacles c. Electric Start d. 12-30 Gallon Fuel Tank e. Auto Mode - Automatic Start for Low Battery f. Hybrid Systems Automatically Switches Between Solar Battery, Generator, or Standard Household Current
3. TRAILER a. Axle 2000 lbs. b. 13" Wheels c. Hitch 3 Position Adjustable Ball d. Stabilizers - 2 Extendable Outriggers; 1 Trailer Jack e. Top Mounted Fork Pockets and Single Lifting Eye f. Powder Coated DOT Rated Trailer with Lights g. Trailer Weight - 1850 pounds
4. MAST a. 30 ft. Extendable Mast in 3 Stages b. Wind Stability to 40 mph c. Rotates 90 Degrees
5. LIGHTS a. 4 Quick Connect 320 Watt each LED Lights b. Dimmer Control c. Instant On/Off d. 365 Day Programmable Timer for Lights, On/Off e. Lens Patter Spread of 150 Degrees f. Meets DOT Anti-Glare Regulations
6. SOLAR PANELS a. 5 - 100 Watt Panels b. Operating Temperature - 40c to 46c
7. BATTERIES a. 4 Deep Cycle Batteries b. Optional Lithium Cells c. 12 Volt, 220 AMP Hours

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SPECIFICATION GROUP - LIGHT TOWER: Light Tower - Trailer Mounted

Make: Atlas Copco Model: Hilight V4

Make: Doosan Model: LCV6WKUB-60hz-TY

Make: Generac Model: MLT4060

Make: Wacker Neuson Model: LTV6K

Make: Wanco Model: Standard diesel light tower

FSA Item Specifications Description:

1. DIMENSIONS (APPROXIMATE): Length 170"; Width 51"; Height 74"; Mast Deployed Height 30'; Weight - 1610 pounds.
2. ENGINE: 3-Cylinder Diesel Engine; 12 HP at 1800 RPM; Engine Protection Shutdown System.
3. GENERATOR: Wattage output 7000-Watt max, 6000-Watt continuous; Brushless type; 120/240 Volts at 60 Hz +/- 6% regulated. d. AMPS at 120/240V 50/25; Insulation class H. FUEL TANK: 30 Gallon Capacity; Run Time (approx.) 64 hours.
4. TRAILER: Axle 1800 lbs.; 13" tire size; Hitch 2" ball; Leaf Spring Suspension; Tongue Jack; 4 outrigger jacks.
5. CONTROL PANEL: Individual breakers for lights; Hour meter; Cabinet Lights; External receptacles: 1-30 AMP 120/240 Volt, twist lock, 1 GFCI, 15 AMP 120 Volt. MAST: 32ft. extendable mast; 4 each metal halide light heads; 440,000 lumens; 360-degree mast rotation; Fold down for transport; Winch for mast extension.

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SPECIFICATION GROUP - LOADER - Skid Steer - 3100 LB Operating Capacity, Tracked Only

Make: Bobcat Model: T740

Make: Caterpillar Model: 279D3

Make: John Deere Model: 331G

Make: Kubota Model: SVL 75-2

Make: Takeuchi Model: TL12V2

FSA Item Specifications Description:

1. ENGINE: Minimum 3-cylinder 74 HP Diesel; Spin on type filters; Dry type air filters.
2. TRANSMISSION: Hydrostatic drive; Forward, reverse, travel speed controlled by two hand levers.
3. OPERATOR ENVIRONMENT: OSHA approved ROPS canopy shall be integral; Front and rear work lights, hazard lights; Engine monitoring system or gauges, with audible alarm; Horn and backup alarm.
4. BRAKES: Parking brake; Hydrostatic braking.
5. BUCKET: Minimum 66" construction bucket; Bolt on, replaceable cutting edge for bucket; Operating capacity 3,100 lbs. minimum.

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SPECIFICATION GROUP - LOADER: 2,800 LB OC Skid Steer Loader - Wheel Only

Make: Bobcat Model: S770

Make: Caterpillar Model: 272D3

Make: John Deere Model: 330G

FSA Item Specifications Description:

1. ENGINE: a. Minimum 3 cylinder 83 HP Diesel
2. TRANSMISSION: a. Hydrostatic drive b. Forward, reverse, travel speed controlled by two hand levers
3. ENGINE EQUIPMENT: a. Spin on type filters b. Dry type air filters
4. OPERATOR ENVIRONMENT: a. OSHA approved ROPS canopy shall be integral b. Front and rear work lights, hazard lights c. Engine monitoring system or gauges, with audible alarm d. Horn and backup alarm e. Tires 14x17.5 extra wall
5. BRAKES: a. Parking brake b. Hydrostatic braking 6. LOADER: a. Front auxiliary hydraulics b. Foot or hand controls for bucket c. Minimum 84" wide construction bucket.

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SPECIFICATION GROUP - LOADER: Loader Backhoe with Canopy 4x4 Standard

Make: Caterpillar Model: 416

Make: John Deere Model: 310SL

FSA Item Specifications Description:

1. ENGINE: a. Minimum 87 HP Diesel engine b. Dry type, radial seal air cleaner and pre-cleaner unit c. Spin on type engine oil filter
2. TRANSMISSION: a. Four speed power shift or power shuttle transmission
3. OPERATOR ENVIRONMENT: a. OSHA approved ROPS canopy shall be integral b. Two front and two rear work and driving lights c. Stop and turn signals with flashing hazard lamps d. Instrument panel with a complete set of gauges or an electronic monitoring device e. Standard horn and audible back-up alarm
4. BRAKES: a. Brakes shall be oil immersed, hydraulically actuated, multiple disc on final drive input shaft b. Brakes shall be completely enclosed and sealed, fully self-adjusting
5. LOADER (SINGLE TILT CYLINDER): a. Loader shall be equipped with a return to dig mechanism b. Loader shall have positive down pressure sufficient to lift the tractor front end off level ground c. Loader bucket SAE heaped capacity of minimum 1.3 yards with replaceable bolt on edge
6. BACKHOE: a. Fixed length dipper stick digging depth approximately 14' b. Reach from swing center, approximately 18' c. Dump height, approximately 11'3" d. Digging force approximately 8,000 lbs. e. Bucket dig force, approximately 11,990 lbs. f. 24" general purpose bucket with replaceable teeth.

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SPECIFICATION GROUP - LOADER: Skid Steer Loader 1,850 LB OC - Wheeled Only

Make: Bobcat Model: S62

Make: Caterpillar Model: 236D3

Make: John Deere Model: 318G

Make: Kubota Model: SSV65

FSA Item Specifications Description:

1. ENGINE: a. Minimum 3 cylinder 56 HP Diesel
2. TRANSMISSION: a. Hydrostatic Drive b. Forward, reverse, travel speed controlled by two hand levers
3. ENGINE EQUIPMENT: a. Spin on type filters b. Dry type air filter
4. OPERATOR ENVIRONMENT: a. OSHA approved ROPS canopy shall be integral b. Front and rear work lights, hazard lights c. Engine monitoring system or gauges, with audible alarm d. Tires 10x16.5 extra wall e. Horn and backup alarm
5. BRAKES: a. Parking brake b. Hydrostatic main braking
6. LOADER: a. Front auxiliary hydraulics b. Foot or hand controls for bucket c. Minimum 62" wide construction bucket d. Operating capacity 1,800 lbs – minimum

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SPECIFICATION GROUP - LOADER: Wheel Loader-1.5 CU YD

Make: Hitachi Model: ZW120

FSA Item Specifications Description:

1. ENGINE/CAB: Diesel engine, six-cylinder, liquid cooled, minimum 77 HP; ROPS cab with air conditioning and heat.
2. TRANSMISSION: Power shift transmission with torque converter or hydrostatic drive, minimum of four forward and three reverse speeds.
3. DRIVETRAIN: Four-wheel drive; 15.5 - 25 Bias ply tires mounted on multi piece rims.
4. LOADER: 1.5 cu. yd. general purpose bucket with bolt on cutting edge; Bucket position indicator; Automatic return to dig; Rear drawbar; Gauges and indicators: visual hydraulic oil level indicator, electronic monitor display of all fluid levels and temperatures; Deluxe suspension seat with foam padding and backrest; Articulated steering, clearance circle 34` .02"; Wheelbase of at least 7`; Minimum operating weight of 12,727 lbs.
5. ELECTRICAL: Manual battery disconnect switch; Driving lights, front and rear work lights, stop lights, warning lights and taillights.

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SPECIFICATION GROUP - LOADER: Wheel Loader-3.0 CU YD

Make: Hitachi Model: ZW180

Make: Hyundai Model: HL940

Make: John Deere Model: 524L

Make: Komatsu Model: WA270-8

FSA Item Specifications Description:

1. ENGINE/CAB: Diesel engine, six-cylinder, liquid cooled, minimum 140HP; ROPS cab with air conditioning and heat.
2. TRANSMISSION: Power shift transmission with torque converter or hydrostatic drive, minimum of four forward and three reverse speeds.
3. DRIVETRAIN: Four-wheel drive; 20.5 - 25 Radial tires mounted on multi piece rims.
4. LOADER: 3.0 cu. yd. general purpose bucket with bolt on cutting edge; Bucket position indicator; Automatic return to dig; Rear drawbar; Gauges and indicators: visual hydraulic oil level indicator, electronic monitor display of all fluid levels and temperatures; Deluxe suspension seat with foam padding and backrest; Articulated steering, 40 degrees minimum each direction; Wheelbase of at 9 feet, 4 inches minimum; Minimum operating weight of 26,000 lbs.
5. ELECTRICAL: Manual battery disconnect switch; Driving lights, front and rear work lights, stop lights, warning lights and taillights.

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SPECIFICATION GROUP - LOADER: Wheel Loader-5.75 CU YD

Make: Caterpillar Model: 972M

Make: Doosan Model: DL450-5

Make: Hitachi Model: ZW310

Make: Hyundai Model: HL975

Make: John Deere Model: 744L

Make: Komatsu Model: WA480-8

Make: Volvo Model: L150H

FSA Item Specifications Description:

1. ENGINE/CAB: Diesel engine, six-cylinder, liquid cooled, minimum 280 HP; ROPS Cab with air conditioning and heat.
2. TRANSMISSION: Power shift transmission with torque converter or hydrostatic drive, minimum of four forward and three reverse speeds.
3. DRIVETRAIN: Four-wheel drive; Manufacturer's standard axle; 26.5 -R25 radial tires mounted on multi piece rims.
4. LOADER: 5.75 cu. yd. general purpose bucket with bolt on cutting edge; Bucket position indicator; Automatic return to dig; Rear drawbar; Gauges and indicators: visual hydraulic oil level indicator, electronic monitor display of all fluid levels and temperatures; Deluxe suspension seat with foam padding and backrest; Articulated steering, 40 degrees minimum each direction; Wheelbase of 11'4" minimum; Minimum operating weight of 53,674 lbs.
5. ELECTRICAL: Manual battery disconnect switch; Driving lights, front and rear work lights, stop lights, warning lights and tail lights.

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SPECIFICATION GROUP - LOW SPEED VEHICLE: Low Speed Vehicle

Make: Columbia Model: Journeyman 196 LSV 2 2

Make: GEM Model: E2

FSA Item Specifications Description:

1. CLASSIFICATION: These vehicles are primarily used to transport people and limited cargo in the State of Florida on typical federal, state, county and city highways and roads that are posted for 35 mph or less and shall be designed to operate under typical environmental conditions. Vehicles must conform to Federal Motor Vehicle Safety Standards, State of Florida Vehicle Safety Laws, regulations, specifications, standards, and requirements in effect as of the date of manufacture.
2. ENGINE: 5.5HP 4 kw Electric Motor; 48 Volt Lead Acid Batteries (8 Batteries x 6v); 110V Eagle on Board Charger; 50 Miles per Charge; Max Forward Speed 25mph; Digital Speedometer and Dashboard.
3. DIMENSIONS (APPROXIMATE): Length: 96"; Height: 76"; Width: 48"; Wheel Base 66.9"; Ground Clearance 5" BODY: Plastic body and fiberglass roof; DOT Windshield with Wiper.
4. COMFORT ITEMS: 4 Person Seating with Flip Rear Seat for Cargo.
5. CHASSIS/STEERING/SUSPENSION: 10 Foot Turning Radius; Steel Frame Type Chassis; 500lbs GVW Capacity.
6. TIRES AND WHEELS: 205/50-10 Tires; 10" Aluminum Rims.
7. BRAKES: 4 Wheel Hydraulic; Hand Brake.
8. SAFETY ITEMS: 100% Electric with Zero Emissions; 12V Headlights and Indicators; Voltmeter; Turn Signals; Side and Rear-View Mirrors; Reverse Alarm; Non-Slip Flooring; Neutral Switch When Vehicle is Standing Still; Horn

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SPECIFICATION GROUP - MATERIAL HANDLER: Rubber Tire Material Handler

Make: Caterpillar Model: MH3022

Make: Sennebogen Model: 818E

Make: Volvo Model: EW240E MH

FSA Item Specifications Description:

1. ENGINE: Tier IV Final Diesel Engine - 132 hp; Spin on Filters; Two Stage Air Cleaner.
2. WEIGHT: Minimum Operating Weight - 48,000 lbs. TRAVEL SYSTEM: 2-speed - 0-3.0 mph/0-12.0 mph. HYDRAULIC SYSTEM: Main Hydraulic System flow 80 GPM.
3. UNDERCARRIAGE: Two axles with all-wheel drive; 8 - 10:00 X 20 Solid Tires.
4. OPERATING STATION: Cab to be climate controlled with pressurized filtration; Hydraulic elevating cab; Sliding door window and tilt out front window; Tinted windows with safety glass; Adjustable suspension seat with safety belt and seat heater; Catwalk with handrail; Fire extinguisher; Rear view and right view camera system; Halogen work lights on roof cap.
5. WORKING EQUIPMENT: Purpose built material handling boom and stick; Safety check valves on boom and stick cylinders.

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SPECIFICATION GROUP - MOTORGRADER: Motorgrader

Make: Caterpillar Model: 120

Make: Komatsu Model: GD655-7

Make: John Deere Model: 620G

FSA Item Specifications Description:

1. ENGINE: Liquid cooled 6-cylinder diesel with minimum of 140 net hp @ 1900 RPM.
2. TRANSMISSION: Power shift with direct drive; Minimum 8 forward and 4 reverse speeds.
BRAKES: Wet multiple disc.
3. STEERING & ARTICULATION: Front steer plus articulated; Minimum articulation 20-degrees.
MOLDBOARD: Minimum 12 ft. long.
4. OPERATOR ENVIRONMENT: Low profile cab; Cloth adjustable seats; Gauges including hour meter, fuel, articulation, engine coolant temperature. TIRES: Minimum 13.0 - 24 10 PR 9" single piece rim.

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SPECIFICATION GROUP - MOTORGRADER: Motorgrader - Small

Make: LeeBoy Model: 685D

Make: Noram Model: Grader

FSA Item Specifications Description:

1. DIMENSIONS (APPROXIMATE): Length 21'; Width 7'; Height with cab 10'4"; Weight 15,200 lbs.
ENGINE: Diesel, turbocharged 110 HP; 39 gallon fuel tank.
2. DRIVE TRAIN: Hydrostatic drive or power shift; 2 speed gear box.
3. BRAKES: Fail safe brake system.
4. STEERING/ARTICULATION: 18-degree articulation left or right; Front wheel lean.
5. MOLDBOARD/BLADE: 10' Sliding/Tilting moldboard; 10' Blade; Circle side shift; Scarifier - center mount, front mount or rear mount acceptable; Adjustable turn table; Blade float control.
6. OPERATORS STATION: Enclosed cab; Front and rear windshield wipers; Suspension seat; Air conditioned and heated cab; Gauge package; Work lights.

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SPECIFICATION GROUP - MOWER: 15 FT. Flex Wing Rotary Mower

Make: Alamo Industrial Model: Eagle

Make: Bush Hog Model: 3815

Make: John Deere Model: M15

Make: Landpride Model: Batwing

Make: Schulte Model: FX-1800

Make: Woods Model: BW15.50

FSA Item Specifications Description:

1. DECK: Mower shall be rotary, flex wing style; 10-gauge steel minimum; Replaceable full-length skid shoes; Shall be easy clean style.
2. BLADE CARRIER & BLADES: 7-gauge steel minimum; 1-inch thick cross bar weldment; "Stump Jumper" pan design; 2 free swinging updraft cutting blades 1/2-inch-thick, heat treated alloy steel minimum; Blades shall overlap a minimum of six inches for uniform cut; Blade spindles shall be 1 1/4-inch diameter minimum.
3. WHEELS/TIRES: 6 replaceable puncture resistant foam filled airplane tailwheels.
4. POWER DISTRIBUTION: Main driveline shall be CAT 5; Slip clutch protection shall be featured; Gears shall be straight bevel with tapered roller bearings; A power divider shall have a rating of 190 HP minimum; Center and wing gearboxes shall have a minimum rating of 190 HP.
5. GENERAL FEATURES: Mower shall attach to the rear of the tractor using a self-level-lift hitch; Front and rear chain deflectors; Tongue shall have a jack stand.

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SPECIFICATION GROUP - Mower: Remote Controlled Brush Mower

Make: Alamo Industrial Model: RC28

Make: Energreen America Model: Robomax

Make: Evergreen America Model: Robogreen

Make: RC Mowers Model: TK-52XP

FSA Item Specifications Description:

1. APPROXIMATE DIMENSIONS a. Length- 57" b. Width- 59" c. Height- 33" d. Weight- 990 lbs
2. ENGINE a. 24 hp. 2 cylinder gas b. Pressurized oiling system c. Electric start w/ 16v , 16 a alternator d. 5 gal fuel capacity
3. TRACK DRIVE SYSTEM a. Two 48v electric motors b. Infinitely variable gear reduction transmissions c. Multi lug type tracks d. Neoprene rollers
4. MOWER DECK a. Twin spindle deck b. 10 gage mower deck c. Blade bar 2x22" with 4 free swinging blades d. Electric clutch assembly w/ integral safety brake e. Mowing height range 2 to 7 "
5. REMOTE CONTROL Remote control to control mower functions: travel speed, cutting height, hours, radio signal strength. state of charge of remote control battery, and mower on/off a. b. Remote control working range 328 ft. , max range 984 ft. c. Auto stop feature for loss of radio signal d. Rechargeable lithium ion batteries
6. SAFETY a. One touch emergency shut off switch b. Warning beacon FLORIDA SHERIF

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SPECIFICATION GROUP - MOWER: Zero Turn Radius Commercial Grade Mower

Make: Bush Hog Model: HDE2561KP4

Make: Cub Cadet Model: Pro Z

Make: Exmark Model: Exmark Lazer

Make: Ferris Model: ISX2200

Make: Grasshopper Model: 225

Make: Gravely Model: Proturn

Make: Husqvarna Model: Z560

Make: John Deere Model: Z930M

Make: Kubota Model: Z725KH-3-60

Make: Scag Model: Tiger Cat II

FSA Item Specifications Description:

1. ENGINE: 25 horsepower gas engine; Positive feed oil system with spin on filter; Electric start.
DRIVE
2. TRAIN/AXLES: Spin on hydraulic filters. DECK: 60" heavy duty mower deck; 3 blade spindles;
Manual deck lift; 1" to 5" cutting height; Deck engagement electric clutch.
3. WHEELS: Front wheels - 13x6-6 ribbed, minimum; Rear wheels - 24x11.5-12 turf. COMFORT &
4. CONVENIENCE: High back full suspension seat; ROPS bar. APPROXIMATE MACHINE
DIMENSIONS: Length - 82"; Height - 72" with ROPS; Width - 63" without chute.

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SPECIFICATION GROUP - OFF ROAD VEHICLE: Off Road All Terrain Vehicles-4x4

Make: CanAm Model: Outlander

Make: Honda Model: Four Trax Foreman 520

Make: Polaris Model: Sportsman 570 EFI

Make: Suzuki Model: KingQuad 400 ASI

Make: Yamaha Model: Kodiak 450

Make: Bobcat Model: UV34

Make: CanAm Model: Defender

Make: Clubcar Model: Carryall

Make: Cub Cadet Model: Challenger

Make: Honda Model: Pioneer 700

Make: John Deere Model: Gator

Make: Kawasaki Model: Mule 4x4

Make: Kubota Model: Diesel

Make: Mahindra Model: Retriever UTV 750B

Make: Polaris Model: Ranger 570 EFI

Make: Yamaha Model: Viking

FSA Item Specifications Description:

1. ENGINE: Manufacturer's gas or diesel engine, air cooled, overhead valve, keyed electronic ignition, 20 HP minimum.
2. TRANSMISSION: Manufacturer's standard automatic transmission.
3. CHASSIS: Standard front bumper.
4. TIRES AND WHEELS: Front and rear all terrain tires, must match drive train.

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SPECIFICATION GROUP - POWER CHARGING AND RESERVE POWER STATIONS

Make: Envision Solar International, Inc. Model: EV ARC™ 2020

FSA Item Specifications Description:

1. A transportable yet permanent 4.3 kW Solar Array; 24 kWh (upgradable) lithium-ion battery ;
2. One (1) up to (6) J1772 coupler(s) with 4.3kW maximum output;
3. Patented EnvisionTrak™ sun tracking system generates up to 25% more solar power; 7.5' X 18' engineered ballast and traction Pad fits in a standard parking space; Solar array aligns with parallel, perpendicular and herringbone parking spaces; LED lighting;
4. Wind-rated up to 120mph or greater in a lowered or `stowed` position;
5. Flood-proof up to 9.5'; Branding space for your logo, advertising or community beautification; 1-Year Wireless Remote Monitoring and Management System (RMMS);
6. Patented Transformer ARC™ design folds into a low-profile for container or flatbed transport.

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SPECIFICATION GROUP - POWER CHARGING AND RESERVE POWER STATIONS

Make: Envision Solar International, Inc. Model: DCFC50

FSA Item Specifications Description:

1. Four (4) interconnected EV ARC™ 2020 stations; 17.2kW combined solar array; 172 kWh combined lithium-ion battery storage; One (1) 50kW DCFC SAE/CCS combo coupler with a 50kW maximum output mounted on a detached steel high-traction base pad.
2. Includes patented EnvisionTrak™ sun tracking system generates up to 25% more solar power; 7.5' X 18' engineered Ballast and traction pad fits in a standard parking space;
3. Solar array aligns with parallel, perpendicular and herringbone parking spaces;
4. LED lighting;
5. Wind-rated up to 120mph; Flood-proof up to 9.5';
6. Branding space for your logo, advertising or community beautification; Low to no maintenance required. 1-Year Wireless Remote Monitoring and Management System (RMMS).

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SPECIFICATION GROUP - POWER CHARGING AND RESERVE POWER STATIONS

Make: Envision Solar International, Inc. Model: DCFC24

FSA Item Specifications Description:

1. Two (2) interconnected EV ARC™ 2020 stations; 8.6kW combined solar array; 86 kWh combined lithium-ion battery storage;
2. One (1) 24kW DCFC SAE/CCS combo coupler with a 24kW maximum output mounted on an EV ARC™ 2020 station. Includes patented EnvisionTrak™ sun tracking system generates up to 25% more solar power; 7.5' X 18' engineered Ballast and Traction Pad fits in a standard parking space;
3. Solar array aligns with parallel, perpendicular and herringbone parking spaces;
4. LED lighting;
5. Wind-rated up to 120mph;
6. Flood-proof up to 9.5';
7. Branding space for your logo, advertising or community beautification;
8. Low to no maintenance required. 1-Year Wireless Remote Monitoring and Management System (RMMS).

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SPECIFICATION GROUP - PUMP: 6 Inch Mobile Pump Package

Make: Atlas Copco Model: PAS 150 HF

Make: BBA Pumps Model: BA150E

Make: ECO PUMP

Model: Trailer Mounted Trash Pump

Make: Generac Model: MTP6DZV

Make: Global Pump Model: 6GSTAP

Make: Godwin Model: CD 150S

Make: Holland Pumps Model: PT6TPC-P1104D44T

Make: MWI Model: CT006

Make: Pioneer Model: PP66S12L71

Make: Thompson Pump Model: 6JSC

Make: Tradewinds Model: TPK064750

FSA Item Specifications Description:

1. DESIGN REQUIREMENTS: Discharge size: 6 inches; Suction size: 6 inches; Capable of 1750 GPM minimum; Capable of 160 ft. Total Dynamic Head (TDH) minimum; Duty Point, Maximum: 1,000 gallons per minute minimum (GPM) at 120 ft. Total Dynamic Head (TDH); Solids handling capability size, minimum size: 3 inches.
2. ENGINE: Diesel engine, appropriate to pump size at continuous duty; Emission compliant engine; Industrial grade exhaust muffler and rain cap; Oil and coolant drain lines with ball valves; Low water level shutdown switch; 12vdc system with battery rack and cables; 50 gallon minimum fuel tank with low fuel level alarm and shutdown.
3. PUMP: Check valve; Self-priming system.
4. CONTROLS: Solid state, microprocessor-based pump controls; Controls shall provide all operating, monitoring and control functions for the pump set; Controller will also provide 2 fully programmable contacts for input and output signals accordingly; Controller will provide remote start stop control with adjustable ramp (speed) time control; UL 508 R and CSA C22.2 No. 14 approved.

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SPECIFICATION GROUP - PUMP: 6 Inch Mobile Pump Package (Continued from previous page)

5. TRAILER: The manufacturer shall mount the diesel engine and pump unit with the above 50 gallon subbase tank on a street legal D.O.T. approved trailer; This trailer will be able to be rated for a safe travel at speeds of 60 mph and not be limited to the following specifications: Trailer design shall be such that the County/City may easily remove the entire engine, fuel tank and pump from the trailer; 12vdc electric system; Lunette or military type towing ring with safety chains; Single point lifting bar; License plate bracket; Sand shoe type support stands front and rear; Torque spring axles to meet load of trailer; The trailer must have a VIN and a certificate of origin.
6. STARTUP AND COMMISSIONING: Vendor must coordinate all startup and testing activities with the engineer/owner; After field delivery of the pump and trailer, an authorized factory representative shall perform the initial startup and field testing of the pump and trailer; If conditions permit, a site will be determined where connection will be made by the County/City to test the pump package; If a site cannot be prepared a standard operational test will be performed; At the same time the startup test is performed, the factory representative will provide all necessary operation, field maintenance and minor repair training as necessary; This will also include safety procedures and hazard assessment.

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SPECIFICATION GROUP - Refuse and Waste Collection Bodies & Trailer Mounted

Equipment

Make: Old Dominion Brush Model: LCT450 Trailer Mounted

Make: Hyva Model: Combination Grapple Crane and 40 Cubic Yard (CYD) Dump Body HZR250 L0 1113 Canal Cleaning Unit

Make: Hyva Model: Combination Grapple Crane and 40 Cubic Yard (CYD) Dump Body HZR100 L0 1085 BULK WASTE UNIT

Make: Hyva Model: Combination Grapple Crane and 40 Cubic Yard (CYD) Dump Body HZR140 L0 REFUSE LOADER

Make: New Way Model: 20 Cubic Yard (CYD) Rear Loading Refuse Body

Make: New Way Model: 32 Cubic Yard (CYD) Rear Loading Refuse Body

Make: New Way Model: 40 Cubic Yard (CYD) Front Loading Refuse Body

Make: New Way Model: 31 Cubic Yard (CYD) Automated Side Loading (ASL) Refuse Body

Make: New Way Model: 27 Cubic Yard (CYD) Automated Side Loading (ASL) Refuse Body (Auger Style)

Make: New Way Model: 10 Cubic Yard (CYD) Satellite Side Loader Refuse Body

Make: New Way Model: 8 Cubic Yard (CYD) Rear Loading Refuse Body

Make: New Way Model: 11 Cubic Yard (CYD) Rear Loading Refuse Body

Make: New Way Model: 25 Cubic Yard (CYD) Rear Loading Refuse Body

Make: Palfinger Eplison Model: Combination Grapple Crane and 40 Cubic Yard (CYD) Dump Body S260L130 Canal Cleaning Unit

Make: Palfinger Eplison

Model: Combination Grapple Crane and 40 Cubic Yard (CYD) Dump Body Model: M13A Refuse Loader

Make: Palfinger Eplison Model: Combination Grapple Crane and 40 Cubic Yard (CYD) Dump Body M100L73 Bulk Waste Unit

FSA Item Specifications Description:

1. NOTE: REFUSE BODIES REQUIRE SEPARATE PURCHASE OF CAB AND CHASSIS.
2. Trailer mounted units must be sized and consistent with manufacturer GVWR ratings and other specifications for the mounted refuse equipment and payload.
3. Must include all of the OEM standard equipment and be equipped with all LED lighting, and must meet all DOT and FMVSS safety standards. The completed unit must be delivered to the purchaser in a ready to work condition. This equipment is used collect Municipal Solid Waste (MSW) , Commercial Solid Waste (CSW), and Recycling and Vegetation.

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SPECIFICATION GROUP - ROADWAY ADVISORY BOARD: Mobile Message Board

Make: AMSIG Model: CMS-GP465T

Make: K&K Systems Model: MB9757

Make: Kustom Signal Model: Smart VMS

Make: Ver-Mac Model: PCMS-1500

Make: Wanco Model: Full Size 3-Line Message Board Trailer

Make: Wanco Model: Full Size Full Matrix Message Board Trailer

FSA Item Specifications Description:

1. DISPLAY PANEL: Minimum Panel Size 72" X 48".
2. EXPECTED POWER: Solar and Battery with battery charger- Meets manufacturer requirements.
3. TRAILER: 2" minimum Ball Coupler; Meets manufacturer and highway safety requirements.

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SPECIFICATION GROUP - ROADWAY ADVISORY BOARD: Mobile Speed Board

Make: Applied Concepts Inc. DBA Stalker Radar Model: Stalker SAM

Make: Applied Concepts Inc. DBA Stalker Radar Model: Stalker SAM - R

Make: K&K Systems Model: LTER12-P-DC599S

Make: Kustom Signal Model: Smart

Make: RU2 Systems Model: FAST-650

Make: AMSIG Model: Digibrite Advantage

Make: Ver-Mac Model: SP-710V

Make: Wanco Model: Compact Radar Speed Trailer

FSA Item Specifications Description:

1. DISPLAY PANEL: Amber or Red LED; 12" minimum Speed Limit Sign.
2. RADAR SPEED UNIT: Miles Per Hour; Directional Radar.
3. DATA COLLECTION: Data and Analysis Software included;
4. EXPECTED POWER: Solar and Battery with battery charger- Meets manufacturer requirements.
5. TRAILER: 2" minimum Ball Coupler; Meets manufacturer and highway safety requirements.

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SPECIFICATION GROUP - ROADWAY ADVISORY BOARD: Mobile Traffic Advisory / Directional Signal Board

Make: AMSIG Model: T815

Make: K&K Systems Model: AT154896

Make: Traffix Device Model: Scorpion II Trailer Attenuator with Mobile Traffic Advisory / Directional Signal Board

Make: Ver-Mac Model: ST-4825

Make: Wanco Model: WECO Arrow Board Trailer

Make: Wanco Model: Metro Matrix Message Board Trailer

FSA Item Specifications Description:

1. DISPLAY: 15 lamps minimum; 48" x 96" panel size.
2. EXPECTED POWER Solar and Battery with battery charger- Meets manufacturer requirements.
3. TRAILER: Meets manufacturer and highway safety requirements.
4. TRAILER: 2" minimum Ball Coupler; Meets manufacturer and highway safety requirements.

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SPECIFICATION GROUP - ROLLER Compaction Vibratory Roller 30,000 LB - Single Drum

Make: Bomag Model: BW177D-5

Make: Caterpillar Model: CS44

Make: Hyundai Model: HR70C-9

Make: Sakai Model: SV544

FSA Item Specifications Description:

1. WEIGHT: a. Minimum operating weight with open tops 15,200 lbs.
2. DRUM/VIBRATORY SYSTEM: a. Maximum compaction shall not be less than 30,000 lbs. b. Drum shall have a compaction width of not less than 66" c. Drum shall be smooth and not be less than 48" in diameter d. Vibratory system shall be hydraulically driven and have two amplitude settings e. Drum shall be equipped with an adjustable cleaning device f. Drum and vibratory pack shall be isolated from the machine during normal operation
3. ENGINE/CAB: a. Turbocharged diesel engine, minimum 74 HP Operator station shall be mounted to the frame with rubber mounts to further isolate the operation and controls from machine vibration during operation b. Gauges or warning indicators for fuel level, engine oil, hydraulic oil and coolant temperature with an alert sounding device activated whenever a warning indicator is illuminated. c. d. A backup alarm shall emit an audible alarm whenever the propel lever is moved into reverse
4. TRAVEL SYSTEM: a. A machine must be hydrostatic driven for the rear axle and the drum drive motor
5. ELECTRICAL SYSTEM: a. 12 or 24 volt electric system b. Maintenance free battery supplying 750 cold cranking amps c. Wiring harness protected with nylon-braided wrap

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SPECIFICATION GROUP - ROLLER: Small 5,400 LB Double Drum Roller - 47"

Make: Bomag Model: BW120SL-5

Make: Caterpillar Model: CB24B

Make: Hamm Model: HD12-VV

Make: Dynapac Model: CC1200

Make: Volvo Model: DD25

FSA Item Specifications Description:

1. WEIGHT: a. Minimum operating weight 5,423 lbs.
2. DRUM/VIBRATORY SYSTEM: a. Drum compactor width on both drums no less than 47" b. Drum shall be smooth and not less than 27.5" in diameter c. Vibratory system shall be hydraulically driven d. Drum shall be equipped with scrapers both front and rear of both drums e. Drum shall be hydraulically driven and have two amplitude settings
3. ENGINE: a. Diesel engine of not less than 25 HP b. Reverse alarm for reverse operations
4. TRAVEL SYSTEM: a. The machine shall be hydrostatically driven b. Steering shall be centered articulated and oscillated
5. MISCELLANEOUS: a. Unit shall be equipped with a pressurized water system for both drums b. Electrical system shall be 12 or 24 Volt

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SPECIFICATION GROUP - ROLLER: Large 22,000 LB Double Drum Roller - 70"

Make: Bomag Model: BW190AD-5

Make: Caterpillar Model: CB13

Make: Dynapac Model: CC5200

Make: Hamm Model: HD90-VV

Make: Sakai Model: SW884

Make: Volvo Model: DD120

FSA Item Specifications Description:

1. WEIGHT: a. Minimum operating weight 22,000 lbs
2. DRUM/VIBRATORY SYSTEM: a. Drum compaction width on both drums no less than 70" b. Drum shall be smooth and not less than 48" in diameter c. Vibratory system shall be hydraulically driven d. Drum shall be equipped with scrapers both front and rear of both drums e. Drum shall be hydraulically driven and have two (2) amplitude settings
3. ENGINE: a. Diesel engine of not less than 100 HP b. Reverse alarm for reverse operations
4. TRAVEL SYSTEM: a. The machine shall be hydrostatically driven b. Steering shall be center articulated and oscillated
5. MISCELLANEOUS: a. Unit shall be equipped with pressurized water for both drums b. Electrical system shall be 12 or 24 volt

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SPECIFICATION GROUP - RUBBER TIRE MATERIAL HANDLER:

Make: Caterpillar Model: MH3022

FSA Item Specifications Description:

1. ENGINE a. Tier IV Final Diesel Engine - 132 hp b. Spin on Filters c. Two Stage Air Cleaner
2. WEIGHT a. Minimum Operating Weight - 48,000 lbs
3. TRAVEL SYSTEM a. 2-speed - 0-3.0 mph/0-12.0 mph
4. HYDRAULIC SYSTEM a. Main Hydraulic System flow 80 GPM
5. UNDERCARRIAGE a. Two axles with all wheel drive b. 8 - 10:00X20 Solid Tires
6. OPERATING STATION a. Cab to be climate controlled with pressurized filtration b. Hydraulic elevating cab c. Sliding door window and tilt out front window d. Tinted windows with safety glass e. Adjustable suspension seat with safety belt and seat heater f. Catwalk with handrail g. Fire extinguisher h. Rear view and right view camera system i. Halogen work lights on roof cap
7. WORKING EQUIPMENT a. Purpose built material handling boom and stick b. Safety check valves on boom and stick cylinders

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SPECIFICATION GROUP - SEWER CLEANER: Trailer Mounted Sewer Cleaner

Make: Obrien Model: 7018-SC

Make: Sewer Equipment Co. of America Model: 747-FR2000

Make: Vac-Con Model: VecJet

Make: Vactor Model: RamJet

FSA Item Specifications Description:

1. ENGINE a. 60 h.p. diesel engine b. Water cooled c. Engine enclosure d. 15 gal. fuel tank
2. HIGH PRESSURE WATER PUMP a. 4000 psi at 18 gpm b. Pressure relief valve c. Triplex type pump d. Low water shutdown e. Multi-flow type system [pressure change without changes to engine rpm]
3. CONTROLS a. Located next to hose reel b. Ignition c. Throttle d. Gauge package [tachometer, hour meter, oil pressure, volts, and low oil / high temp shutdown] e. Water control valve
4. WATER TANK a. 700 gal capacity b. High density polyethylene with baffles c. Sight gauge d. 2 1/2" overhead tank fill , anti siphon , air gap type e. Strainer f. Tank drain
5. HOSE REEL a. 800 ` capacity of 1/2" high pressure sewer hose b. Hydraulic power in and out
6. HOSE REEL DRIVE HYDRAULIC SYSTEM a. Hydraulic pump 8 gpm b. 15 gal hydraulic reservoir c. Spin on type hydraulic filter
7. TRAILER a. 12000 lb gvw b. 6" x 3/16" frame c. Tandem axle d. 2 5/16" hitch e. Tongue jack f. 235 / 80 r 16" tires g. Fenders h. Breakaway switch i. Lighting as required by Federal and State laws j. Reflective striping k. Toolbox with locking system l. LED directional arrowstick m. Warning beacon [tank mounted]
8. EQUIPMENT FURNISHED a. 500` of 1/2 " high pressure sewer hose b. 100` of 1/4" hose and nozzle for small pipe c. Washdown gun and 25 ` of hose with quick disconnects d. Tiger tail hose protector e. Nozzles to be furnished, 15 degree, 35 degree, chisel point, grenade flushing type, skid assembly, and rotator nozzle

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SPECIFICATION GROUP - SEWER CLEANER: Combination Sewer Cleaning/Vacuum Machine - 10 CU YD

Make: Aquatech Model: B-10

Make: Gapvax Model: MC

Make: Sewer Equipment Co. of America Model: 900 ECO-12YD

Make: Vacall Model: AJV1010

Make: Vac-Con Model: V311HN/1000

Make: Vac-Con Model: VPD4211SHAE

Make: Vactor Model: 2100I

FSA Item Specifications Description:

1. NOTE TO PURCHASERS: This is an INCOMPLETE UNIT. This is a bid award on a combination Sewer Cleaning/Vacuum Unit to be mounted on an appropriately sized cab & chassis truck. Agencies purchasing this unit will need to provide a cab & chassis truck of appropriate size, GVW, and, options necessary to have the selected combination Sewer Cleaner/Vacuuming Unit to be mounted on or have the truck provider assist in ordering the correctly outfitted truck. All items factory installed unless otherwise noted.
2. AIR/VACUUM SYSTEM: Positive displacement vacuum pump or centrifugal compressor; 3500 CFM @ 14.5 inches of mercury, minimum; Muffler; Vacuum relief valves; Centrifugal separator with clean out; PTO or hydrostatic drive.
3. DEBRIS TANK: 10 cu yd capacity; 45-degree hydraulic dump; Top hinged; Hydraulic door locks; Sight glass or indicator; Drain valve with hose; Check ball system or vacuum breaker.
4. BOOM ASSEMBLY: 270-degree boom working area; Hydraulic up/down; Clean out port; Transport cradle; 8" boom hose; Pendant control.
5. WATER PUMP: 2500 PSI, 80 GPM; Pressure relief valve; Wash down gun with relief valve.
6. WATER TANK: 1000 gallon capacity; Curb side fill; Level indicators.
7. HOSE REEL: 800` of 1" hose capacity; 400` of 1", 2500 PSI hose supplied; Power in/out; Reel speed control system; Position lock system; Engine and hose reel controls; Level wind.
8. DRIVE SYSTEM: Hydrostatic transfer case, split PTO, or auxiliary engine or transfer case.

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9. MISCELLANEOUS: Nozzles 15 degree and 30 degree for jet; Wash down gun; 8" intake tube 20' minimum; Flexible hose guide; Hose storage rack.

SPECIFICATION GROUP - SHREDDER: Mobile Shredder - Trailer Mounted

Make: Metso Model: M&J 4000M

Make: Tana Shark Model: 440D

FSA Item Specifications Description:

1. APPROXIMATE DIMENSIONS a. Weight: 27,000 kg b. Length: 15 740mm c. Width: 2 520mm d. Material feeding height : 3 395mm e. Belt discharge height: 4 030mm
2. ENGINE a. Diesel, 540 hp @ 2100 rpm b. Turbocharged w/ intercooler c. 750 li fuel tank
3. POWERTRAIN a. Hydro-static drive w/ auto speed control b. Variable displacement drive motors c. Axial piston pumps, variable displacement
4. ROTOR a. Rotor diameter 920mm b. Rotor 30 max rpm c. Rotor shredding length 3000 mm d. Rotor knives 33, reversible type e. Counter knives 23 f. Adjustable rotor screen
5. CONTROLS a. Gauge package, w engine protection shutdown b. Shredder control unit to protect from overloading, overheating and damage of the powertrain
6. CONVEYOR a. Hydraulic driven conveyor b. Raised and lowered by hydraulics
7. TRAILER a. Trailer to be constructed and sized for the installed unit, and will meet all local, state, and federal laws for use on highway. b. Hydraulic support legs

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SPECIFICATION GROUP - STUMP CUTTER: Self Propelled

Make: Bandit Model: SG-40

Make: Toro Model: STX 38

Make: Vermeer Model: SC362

FSA Item Specifications Description:

1. ENGINE: a. 35 H.P. gasoline engine b. 6 gallon fuel tank c. Positive feed oil system with spin on filter d. heavy duty air filter e. 12 volt starting/charging system
2. GROUND DRIVE: a. Hydraulic Ground Drive b. 2 speed travel c. Hydraulic brake system d. Hydraulic steering system e. Hydraulic system spin on filter f. 4 gallon hydraulic reservoir
3. CUTTER DRIVE: a. Electric drive clutch b. Adjustable V belt drive
4. CUTTER WHEEL: a. 17" diameter b. 16 dual cutting edge teeth c. Teeth pocket mounted d. Cutter wheel guard
5. CONTROLS: a. Hour meter b. Low-oil shutdown c. Boom swing left and right d. Boom up and down e. Travel forward and reverse f. Steering g. Operator presence shutdown
6. APPROXIMATE DIMENSIONS: a. Weight - 1320lbs b. Length - 110" c. Width - 49" d. Height - 53"
7. CUTTING DIMENSIONS: a. Above ground - 24" b. Below ground - 15"

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SPECIFICATION GROUP - SWEEPER: 3-Wheel Mechanical or Regenerative Air

Sweeper

Make: Elgin Pelican Model: NP

Make: Global Model: R3

Make: Global Model: M3

FSA Item Specifications Description:

1. ENGINE: a. 4 cylinder diesel engine 74 HP minimum. b. 120 AMP alternator c. Fuel water separator d. 30 gallon fuel tank capacity
2. TRANSMISSION: a. Hydrostatic drive type b. 35 gallon reservoir c. Capable of 20 MPH minimum
3. CAB: a. Sealed type cab with filtered intake. b. Tilt and telescoping steering column c. Tinted glass d. Sound suppressed e. Intermittent windshield wipers with washer f. Full gauge and warning lights for engine monitoring g. Climate controlled cab, heater, defroster and air conditioned h. If cab is not center mounted, it must have dual controls for operating on either right or left hand side.
4. FRAME: a. 116" wheelbase b. Rail type channel frame
5. SAFETY ITEMS: a. Dual west coast mirrors with spot mirrors b. Headlights, turn, brake and hazard lights c. Worklights for gutter brooms d. Cab mounted warning strobe light with protective cage e. Backup alarm f. Rearview backup camera
6. BRAKES/STEERING: a. Hydraulic power assisted service brakes b. Parking brake c. Turning radius 15` maximum
7. DEBRIS HOPPER: a. 3.5 yard capacity minimum b. 9`6" minimum dump height
8. CONVEYOR: a. Rubber belt type with flights b. Hydraulic drive
9. MAIN BROOM: a. 32" diameter minimum b. 56" width tube type c. Hydraulic drive
10. GUTTER BROOMS: a. Right & left side brooms to have adjustable down pressure located in cab. b. 36" diameter minimum c. Segmented type broom d. Hydraulic drive
11. WATER SPRAY SYSTEM: a. 220 gallon water tank b. Run dry type water pump c. 15` hydrant fill hose d. Water spray jets adjacent to all brooms e. Water filter
12. PICK UP HEAD The following requirements are for the regenerative air system type sweeper. All other requirements are the same for either machine 1. a. 72" outside dimension b. 12" pressure hose c. 12" suction hose d. Spring type suspension 13. BLOWER The following requirements are for the regenerative air system type sweeper. All other requirements are the same for either machine 1. a. Direct hydraulic drive b. Cast aluminum with abrasion resistant coating c. Blower housing rubber lined.

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SPECIFICATION GROUP - SWEEPER: Cabover Mechanical Broom Street Sweeper

Make: Elgin Model: Eagle

Make: Johnston Model: ES351

FSA Item Specifications Description:

1. CAB & CHASSIS: Engine: 1. 6 cylinder diesel 200 HP minimum a. Transmission: 1. Automatic transmission to meet the correct engine size and GVW of vehicle. Hydrostatic drive is acceptable. b. Engine Equipment: 1. Alternator - 12V / 130 AMP 2. Fuel water separator 3. Fuel tank - 50 gallon c. Cab: 1. Dual operating position type cab to include: Steering, controls, etc for sweeping from either side. 2. Rubber floor mats 3. Air ride seating 4. Pressurized cab with heat and air conditioning 5. Instrumentation for truck - oil pressure, water temperatures, voltmeter gauges 6. Instrumentation for sweeper-tachometer, hour meter, oil pressure, coolant temperature gauges d. Frame: 1. Rail type 80,000 psi 2. Size - 10.9" x 3.5" x .34" 3. Frame overhang 4. Wheelbase 130" minimum 5. Front steel bumper e. Safety: 1. Dual West Coast bright finish heated mirrors with LH & RH remote 2. Intermittent windshield wipers 3. Daytime running lights 4. Backup alarm 5. Auto shutdown f. Axles: 1. Front axle: 11,900 lb. GVW 2. Rear axle: 21,000 lb. GVW 3. Single speed rear axle 4. 22.5 x 8.25 steel wheels - disc type 5. 11R x 22.5 14-ply radial tires g. Brakes: 1. Antilock brakes 2. Front air brakes - 15 x 4 drum 3. Rear air brakes 16.5 x 7 drum 4. Automatic slack adjusters - front and rear 5. Air dryer - frame mounted h.
2. MOUNTED SWEEPER BODY (STANDARD EQUIPMENT): Engine: 1. 4 cylinder diesel - 47 horsepower, governed at 2800 RPM 2. Spin-on oil filter 3. Alternator - 12V / 60AMP a. Side Brooms: 1. Right & left side gutter brooms (tilt control in cab) 2. Hydraulically raised & lowered 3. 42" diameter - segment type 4. Adjustable down pressure (Manual) - optional down pressure pump b. Main Broom: 1. Length - 58" minimum 2. Diameter - 35" minimum 3. Hydraulic motor - direct or chain drive and reversible 4. Full floating trailing arms w/shocks 5. Lift Control - inside cab c. Sweeper Body: 1. Overall height - 10' with strobe 2. Lift capacity - 11,000 lbs minimum 3.

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4.5 cubic yard hopper 4. Dump height - 10' minimum 5. Lift design - hydraulic 2-stage scissors 6. Hopper inspection door 7. Work lights - 1 on each gutter broom and one in rear d. Hydraulic

SPECIFICATION GROUP - SWEEPER: Cabover Mechanical Broom Street Sweeper (Continued from previous page)

FSA Item Specifications Description:

System: 1. Hydraulic pump capacity minimum - 24gpm@2600rpm 2. Pump: dual tandem gear 3. Reservoir - 21 gallons 4. Spin-on 10 micron hydraulic pump 5. Externally mounted reservoir level indicator e. Water Spray System: 1. Water tank construction - polyethylene and removable 2. Water tank capacity - 280 gallons minimum 3. Fill hose 2 1/2" x 16' with NST coupler 4. Diaphragm pump type with run dry capability 5. Pump capacity - 3.0 GPM minimum 6. Minimum of 9 spray nozzles - 2 min per gutter broom, 3 min for main broom 7. Water filter - 80 micron mesh cleanable f. Conveyor/Elevator System: 1. Minimum of 9 flights - replaceable 2. Belt material - rubber reinforced fabric 3. Belt speed - variable with auxiliary engine RPM 4. Drive - reversible with direct drive 5. Elevator jam warning light & buzzer in cab 6. Conveyor flush - built in.

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SPECIFICATION GROUP - SWEEPER: Compact Air Sweeper - 2.3 CU YD

Make: Johnston Model: 5006

FSA Item Specifications Description:

1. OPERATING WEIGHT: a. 8800 LBS. GVWR b. Empty weight-5900 LBS
2. ENGINE/TRANSMISSION: a. 78 hp b. Hydrostatic drive
3. BRAKES/TIRES a. Drum type brakes [power assist] b. Front tire size 6.50 R10 Radial c. Rear tire size 225/75 R10 Radial
4. SWEEPER DIMENSIONS: a. Height: 72" b. Width: 52" c. Length: 162" 5. HOPPER: a. 2.3 cubic yard capacity
5. GUTTER BROOMS: a. Equipped with left and right side gutter brooms b. Front mounted 33.5" diameter c. Overall sweeping width 122"
6. WATER SYSTEM a. 66 gal recirculation water system capacity b. 40 gal clean water system capacity
7. LIGHTING / SAFETY a. Lighting package to enable vehicle to operate on the road b. Work lights for operation of vehicle at night c. Amber warning beacon d. Intermittent wipers
8. COMFORT ITEMS: a. Cab to be air conditioned and heated b. Suspension type operator seat
9. INSTRUMENTATION: a. Full instrumentation to monitor operation of vehicle
10. FAN UNIT: a. Centrifugal type fan b. Wear resistant blades

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SPECIFICATION GROUP - SWEEPER: Regenerative Air Street Sweeper

Make: Elgin Model: Crosswind J Plus

Make: Johnston Model: RT655

Make: Tymco Model: 600

FSA Item Specifications Description:

1. CAB & CHASSIS: Engine: 6-cylinder diesel, 200 HP minimum. Transmission: Allison 2000 series, 5-speed automatic. Engine Equipment: Alternator: 12-volt 100 amp; Fuel water separator. Cab: Cab over, with rust preventative coating; Dual operating position type cab to include: steering, controls, etc., for sweeping from either side; Rubber floor mats; Air ride suspension seats, both sides; Pressurized cab with heat and air conditioning; Instrumentation for truck - oil pressure, water temperature, voltmeter gauges; Instrumentation for sweeper - tachometer, hour meter, oil pressure, coolant temperature gauges. Frame: Wheelbase - 152" minimum; Front steel bumper; Fuel tank - 50 gallon. Safety: West coast mirrors with lower mounted convex mirrors; Intermittent windshield wipers; Daytime running lights; Backup alarm; Auto shutdown system for sweeper power plant. Axles: Front axle: 11,900 lb. GVW; Rear axle: 21,000 lb. GVW; Single-speed rear axle; 22.5 x 8.25 steel wheels - disc type. Brakes: Air dryer.
2. MOUNTED SWEEPER BODY: Engine: 4-cylinder turbocharged diesel 99 HP minimum. Blower: Direct belt drive; Blower rating - 20,000 cfm; Blower housing Pickup Head: 90" OD; Hose size - 14" pressure, 12" suction; Hydraulically raised and lowered. Side Brooms: Right and left side gutter brooms; Hydraulically raised and lowered; 42" diameter - segment type; Adjustable downward pressure. Sweeper Body: 7 yd. volume metric capacity; 50-degree dump angle or raker bar; Centrifugal dust separator; Hopper dump door to hydraulically open/close, lock and unlock; Hopper screen - hinged, quick release. Hydraulic System: Direct drive hydraulic pump. Water Spray Dust Control System: Water tank construction - polyethylene; 220 gallon capacity; Fill hose - 16' long; Diaphragm pump type with run dry capability; Pump capacity - 5 GPM Pump pressure - 25 PSI; 7 spray nozzles, 4" pickup head, 1" suction tube - 2 on each side of broom; Filter - 80 mesh cleanable.

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SPECIFICATION GROUP - SWEEPER: Self-Propelled Hydrostatic Broom - Center Slung

Make: Broce Model: 350 Broom

Make: Holder Model: S100

Make: LeeBoy Model: CB-95

Make: Superior Broom Model: DT74

FSA Item Specifications Description:

1. WEIGHT: Minimum operating weight 5,500 lbs.
2. ENGINE: Diesel engine 74 HP at 2200 RPM; Pre-cleaner 54 clone or equivalent; 27-gallon fuel tank.
3. TRAVEL SYSTEM: 2 speed hydrostatic drive; High speed travel, 20 MPH; 225/75R15 tire size; Joystick direction controls, or foot pedal; Front or rear wheel steering.
4. CAB: Roll over and falling object protective structures; Enclosed cab with air conditioner, heater and defroster fan; Front windshield wiper; Gauges or warning indicators for fuel level, engine oil, hydraulic oil and coolant; Right and left side doors; Right and left side mirrors; Shall have safety lighting package and night operating lighting package.
5. BROOM: Minimum 7'6" poly or poly-steel brush; Brush shall have quick charge core system; Minimum 150 gallon brush watering attachment; Shall have variable brush down-pressure control; Brush shall be hydraulically driven.

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SPECIFICATION GROUP - TACTICAL VEHICLE: The Rook, Tactical Vehicle

Make: Caterpillar Model: 299D3 with Rook Option

FSA Item Specifications Description:

1. VEHICLE PLATFORM: a. CAT Multi-terrain loader b. 84 HP Diesel Engine c. 2 Speed powertrain d. Operating weight 13,000 lbs. e. Fuel Tank 26 gallons f. Hydraulic Quick Coupler g. Enclosed ROPS cab with air conditioner and heater h. Dual level suspension undercarriage with self level. i. Advanced machine information and control system
2. CAB ARMORED PROTECTION a. Bullet proof glass b. NIJ Level IV armor cab reinforcement fabrication
3. ARMORED DEPLOYMENT PLATFORM a. Integrated video system b. Breaching ram c. Vehicle extraction tool d. Grapple claw

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SPECIFICATION GROUP - TOOL CARRIER: Large Tool Carrier with Optional Mower

Make: Alamo Industrial Model: Mantis

Make: Mowermax Model: Tool Carrier

Make: Multihog Model: Range

FSA Item Specifications Description:

1. ENGINE: 90 HP Turbo Diesel; Heavy duty radiator with high flow fan with reversing, clean out valve; Canister style air cleaner with pre-cleaner; Electric start with engine pre-heat; Full engine gauge package; 30-gallon fuel tank.
2. POWER TRAIN: Hydrostatic, variable displacement piston transmission pump; Two, heavy-duty, 4-wheel drive, steerable axles with parking and service brake; 3 steering modes - 4-wheel round, front wheel and 4-wheel crab; GVW (without attachments): Approximately 9000 lbs.
3. TRAVEL SPEED: Work Mode - Variable 0-5 MPH Travel Mode - Variable 0-20 MPH. COMFORT,
4. CONVENIENCE & SAFETY: Full air ride, suspension seat; Certified ROPS Canopy with AC, Heat, AM/FM radio with Bluetooth; Tilt steering column with horn; Seat belt with safety switch; Turn Signals and brake lights; Flashing safety lights as well as DOT reflector tape.
5. ATTACHMENT OPTIONS: Front lift arms with universal skid steer mounting plate for 10 skid steer attachments: Broom/sweeper; 90-inch rotary mower; 88 in flail mower; Dozier blade; Stump grinder; Pallet forks; Cold planer; Big roll sod installer; Landscape rake; Rotary tiller. Right side rotary mower; Right side flail mower; Right side boom/reach mower; 15 ft belly mower;
6. CONDITIONS: In addition to equipment specified, mower will be equipped with all standard equipment as specified by the manufacturer for this model and shall comply with all EPA emission standards and all motor vehicle standards as established by the US Department of Transportation regarding the manufacturer of motor vehicles.

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SPECIFICATION GROUP - TOOL CARRIER: Telescopic Tool Carrier

Make: Bobcat Model: Versa Handler Telehandler

Make: Caterpillar Model: TH357D

Make: Energreen America Model: Kommunal

Make: Manitou Model: MTA 8044

Make: JLG Model: 943

FSA Item Specifications Description:

1. APPROXIMATE DIMENSIONS: Length: 196 in; Width: 90 in; Height, w/cab: 93 in; Wheelbase: 113 in; Weight: 17,155 lbs.
2. ENGINE: Diesel, Tier 4 100hp; Turbocharged; Heavy duty cooling system.
3. POWERTRAIN: Hydrostatic Drive; 2 Travel speeds low speed 3.0 mph, high speed 18 mph; All wheel drive; 3 Steering modes: all wheel, crab, and front wheel; Industrial lug type tires.
4. COMFORT, CONVENIENCE AND SAFETY: Certified ROPS cab with air conditioning and heat; Suspension seat w/ seat belt; Work lights, safety lights, and warning beacon; Attachment controls in cab; Engine gauge instrumentation.
5. HYDRAULIC SYSTEM: Lift capacity 7700 lbs.; Max lift 22 feet; Boom breakout force: 8000 lbs.

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SPECIFICATION GROUP - TRACTOR MOWER: Agriculture Tractor with Boom Mower - 4x4

Make: Case IH Model: Maxxum with Motrim Boom Mower

Make: John Deere Model: 6120M with Tiger Bengal Boom Mower

FSA Item Specifications Description:

1. ENGINE: Liquid cooled diesel with minimum of 95 PTO hp @ 2200 rpm.
2. TRANSMISSION: Synchroshuttle type with a minimum of 16 forward and 16 reverse speeds; 4WD front axle.
3. FUEL TANK: Minimum 38-gallon capacity.
4. BRAKES: Oil cooled hydraulic.
5. POWER TAKE OFF: Speeds RPM - 540/1000.
6. HYDRAULIC SYSTEM: Closed center system with standard remotes; Maximum pressure psi - 2,900; Standard output @ remote 17 GPM; Total of 29 GPM combined flow.
7. POINT HITCH: Category II; Telescopic stabilizers; SAE lift capacity @ 24" standard lbs. - 5,000; Lower draft arm link ends - extendable.
8. TIRES: Not less than 13.6R24 R1 rear radials; Not less than 18.4R30 6-Ply F2.
9. MOUNTED BOOM MOWER: Minimum 23' boom reach; Forward and reverse swing break away; Integral frame; Separate hydraulic circuit for mower head; 5' rotary cutter head; Disc or bar type blade holder.

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SPECIFICATION GROUP - TRACTOR: Agricultural Tractor With Boom Mower 4x4

Make: John Deere Model: 6120M Alamo Industrial Mower

Make: Kubota Model: M6S-111 with Terrain King KB2300 Boom Mower

Make: Massey Ferguson Model: MF5712S with Diamond Boom Mower

FSA Item Specifications Description:

1. ENGINE: Liquid cooled diesel with minimum of 95 PTO hp @ 2200 rpm.
2. TRANSMISSION: Synchroshuttle type with a minimum of 16 forward and 16 reverse speeds; 4WD front axle.
3. FUEL TANK: Minimum 38-gallon capacity.
4. BRAKES: Oil cooled hydraulic.
5. POWER TAKE OFF: Speeds RPM - 540/1000.
6. HYDRAULIC SYSTEM: Closed center system with standard remotes; Maximum pressure psi - 2,900; Standard output @ remote 17 GPM; Total of 29 GPM combined flow.
7. POINT HITCH: Category II; Telescopic stabilizers; SAE lift capacity @ 24" standard lbs. - 5,000; Lower draft arm link ends - extendable.
8. TIRES: Not less than 13.6R24 R1 rear radials; Not less than 18.4R30 6-Ply F2.
9. MOUNTED BOOM MOWER: Minimum 23' boom reach; Forward and reverse swing break away; Integral frame; Separate hydraulic circuit for mower head; 5' rotary cutter head; Disc or bar type blade holder.

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SPECIFICATION GROUP - TRACTOR: Agriculture Tractor - 4x2

Make: Case IH Model: FARMALL

Make: John Deere Model: 5100M

Make: Kubota Model: M5-091

Make: Mahindra Model: mForce

Make: Massey Ferguson Model: Tractor

Make: New Holland Model: Powerstar

FSA Item Specifications Description:

1. ENGINE: Liquid cooled diesel with minimum of 75 PTO hp @ 2200 rpm.
2. TRANSMISSION: Synchroshuttle type with a minimum of 8 forward and 3 reverse speeds.
3. FUEL TANK: Minimum 23-gallon capacity.
4. BRAKES: Oil cooled hydraulic.
5. POWER TAKE OFF: Speeds RPM - 540/1000
6. HYDRAULIC SYSTEM: Open center system with standard remotes; Standard output @ remote GPM - 10; Main pump flow 17 GPM. 3-
7. POINT HITCH: Electronic or mechanical 3-point hitch control; Category II; Telescopic stabilizers; SAE lift capacity @ 24" standard lbs. - 3,600; Lower draft arm link ends - extendable.
8. TIRES: Not less than 18.4R - 28 R1 radials; Not less than 7.5L - 15, 6-Ply F2.

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SPECIFICATION GROUP - TRACTOR: Compact Center Articulating Tractor - AWD

Make: Antonio Carraro Model: Tigre

Make: Avant Model: 528

Make: Ventrac Model: 4500 Series

FSA Item Specifications Description:

1. Incomplete equipment. Unit bid is for the prime mover only, without attachments. Buyer should select attachments needed from the option list to complete the machine. Examples of attachments available are: Bucket; grapple and/or forks. This will affect the final price.
2. ENGINE: 4500K - Briggs & Stratton 31hp Vanguard M54.
3. TRANSMISSION: Manufacturer's standard hydrostatic.
4. PERFORMANCE ITEMS: SDLA controls for complete one-handed control of Speed, Direction, Lift & Auxiliary functions; Weight Transfer - transfers weight to front axle for added stability (optional 4500K).
5. SAFETY ITEMS: Automatic PTO shut-off- when weight is removed from seat; Standard seatbelt; Standard ROPS system; Neutral Assist.
6. TIRES AND WHEELS: Manufacturer's standard tires and wheels (optional turf or bar tires).
7. ATTACHMENT AND ACCESSORIES: 30 commercial grade attachments for a variety of applications (sold individually, not factory installed); Uses Ventrac quick hitch system for quick transition between applications.

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SPECIFICATION GROUP - TRACTOR: Small Agriculture Tractor - 4x4

Make: Bobcat Model: CT2035

Make: Case IH Model: FARMALL 35C

Make: John Deere Model: 3035D

Make: Kubota Model: L3901 DT

Make: Mahindra Model: 1640

Make: Massey Ferguson Model: MF1740E

Make: New Holland Model: Boomer

FSA Item Specifications Description:

1. ENGINE: Liquid cooled diesel with minimum of 29 PTO hp @ 2200 rpm.
2. TRANSMISSION: Hydrostatic drive or mechanical type transmission; 4WD front axle.
3. FUEL TANK: Minimum 7-gallon capacity.
4. BRAKES: Oil cooled hydraulic wet disc.
5. POWER TAKE OFF: Speeds RPM - 540.
6. HYDRAULIC SYSTEM: Open center system with standard remotes; Maximum main pump flow - 6.3 GPM 3-POINT HITCH: Category I; SAE lift capacity @ 24" standard lbs. - 1,435. TIRES: Not less than 11.2 x 24 rear; Not less than 5-15 6-ply front.

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SPECIFICATION GROUP - TRAILER: Deck Over Flatbed Trailer - 16,000 LB GVWR 8`6" X 25`

Make: Big Tex Model: 22PH255

Make: Eager Beaver Model: B8-DOW

Make: Econoline Model: BP0821DE

Make: Felling Trailers Model: FT-16-2

Make: Globe Trailers Model: GTTU152-30-25

Make: Interstate Model: 16BST

Make: SURE-TRAC Model: ST102204SDDO-B-150

Make: Texas Trailer Model: TX85258T

Make: Towmaster Model: TC-16

Make: Trail King Model: TK20LP

Make: XL Specialized Trailers Model: XL 24 T

FSA Item Specifications Description:

1. DIMENSIONS: Deck width - 8`6"; Overall deck length - 25`; Dovetail length - 5`; GVWR - 16,000 lb.
2. FRAME: 5" channel side rails; 3" channel cross members on 16" centers; 4" channel undercarriage; 2" x 3/8" rub rail with stake pockets; Pintle hitch.
3. DECK: 2 x 8 pressure treated deck; Galvanized deck screws; 5` dovetail; Spring assist stand up ramps.
4. AXLES: Tandem 8,000 lb. Dexter oil bath axles (2); Electric brakes; Breakaway brake system with well cell battery.
5. LIGHTING SYSTEM: Protected turn/stop/tail lights; Wiring run in conduit; Heavy duty trailer plug.
6. MISCELLANEOUS: Spare tire and rack; Lockable tool box; Primed and painted - choice of color; Tongue jack rated for GVWR of trailer.

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SPECIFICATION GROUP - TRAILER: Enclosed Cargo Trailer - 7,000 Lb GVWR, 7` X16`

Make: Cargo Mate Model: Blazer

Make: SURE-TRAC Model: STW8416TA

Make: United Model: U-716TA35-8.5

Make: Wells Cargo Model: HD Wagon

FSA Item Specifications Description:

1. DIMENSIONS: Width - 7`; Length - 16`; GVWR - 7,000 lb.
2. FRAME: Formed angle top and bottom sills; All exposed steel primed and painted; Positive lock ball coupler; Tongue jack; Safety chains - DOT rated.
3. FLOOR/WALLS/ROOF: 3/4" exterior grade plywood floor; 1/4" plywood interior liner; .030" prefinished aluminum exterior, state colors; Smooth galvanized steel or one-piece aluminum roof; Fiberglass front cap; Extruded aluminum bottom trim; Extruded aluminum roof cove with drip rail; Double locking door on rear.
4. AXLES: Tandem 3,500 lb. torflex axles; 15" wheels; 205 x 15 trailer rated tires; Electric brakes with breakaway switch.
5. LIGHTING SYSTEM: Protected turn/stop/tail lights; Clearance lights; Wiring run in conduit; Heavy duty trailer plug.
6. MISCELLANEOUS: Spare wheel and tire.

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SPECIFICATION GROUP - TRAILER: Hydraulic Tail Trailer - 70,000 LB

Make: Felling Trailers Model: FT-70-2-PL-HT

Make: Globe Trailers Model: GTFH352-48-26

Make: Pitts Model: HD35

Make: Trail King Model: TK80HT

Make: Towmaster Model: T-70HT

Make: XL Specialized Trailers Model: XL 80PT

FSA Item Specifications Description:

1. DIMENSIONS: Deck width - 8'6"; Overall length - 48'; Deck length - 25'; Hydraulic tail - 12' (8' with 4' fold under); GVWR - 70,000 LBS. FRAME: Cambered "I" beam main frame; 49" Kingpin height; 16" Kingpin setting; 82" Swing clearance; 8' Upper deck length.
2. DECK: 1½" Apitone or oak decking; 1½" Floor plate over wheels; Traction plate on hydraulic tail.
3. HYDRAULIC TAIL: 8' Main tail; 4'-Fold under tail; Hydraulic actuated with tail lock; 14-degree load angle.
4. LANDING GEAR: Pin drop type or 2 speed type.
5. AXLES/SUSPENSION/TIRES: 2 - 22,500 LB axles; Oil seal hubs; 6.5 x 17.5 steel wheels; 235/75R x 17.5 radial tires; Air brakes with automatic slack adjusters; ABS brake system; Air ride suspension with auto and manual controls.
6. LIGHTING: LED lighting; Wiring in conduit; Mid turn signals; Lighting as per DOT regulations.
7. MISCELLANEOUS EQUIPMENT: 12,000 LB hydraulic winch mounted on upper deck over kingpin. Wireless control; Toolbox on upper deck; Hydraulic tail controls both sides; Air ride controls with dump valve.

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SPECIFICATION GROUP - TRAILER: Pull Behind Dump Trailer - 14,000 LB GVWR

Make: SURE-TRAC Model: ST8214HLOD-B-140

Make: Towmaster Model: T-12HD

Make: Big Tex Model: 14LP-14

Make: Felling Model: FT-14 DT HD

FSA Item Specifications Description:

1. GVWR: 14,000 lbs.
2. BED: Grease fittings on all hinges; D-ring tie downs.
3. BED SIZE & FRAME: 6'8" wide; 14' length; 24" deck height; Tube steel box; 10GA bed floor; Rear stabilizers; 12,000 lb. tongue jack; 20" high sides and tailgate, minimum.
4. BED LIFT: Scissor type hydraulic lift; 12-volt power unit with battery; 15' pendant control. AXLES: Dexter easy lube or equivalent; Sized for GVWR of trailer; 4-wheel electric brakes with breakaway.
5. MISCELLANEOUS: Conspicuity type on sides; Tail/stop/turn lights; 7-way trailer plug; Tarp system; Spare tire; Pintle type hitch or ball (customer selected).

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SPECIFICATION GROUP - TRAILER: Waste Trailer with Walking Floor - 48`

Make: Warren Equipment Inc. Model: WMFT-AS

Make: East Manufacturing Model: Unloader Live Floor

Make: Mac Trailer Model: TNSP48MF

Make: Steco Model: AW048102

FSA Item Specifications Description:

1. DIMENSIONS Length - 48` aluminum Width - 102" Side height - 100".
2. FLOOR: Keith or Halco running floor; Extreme duty slats with center rib.
3. CROSSMEMBERS: 14" spacing.
4. CROSSTUBES: Center and rear crosstubes; Bolt in style.
5. LIGHTS: LED lights; Mid turn lights. TARP: Manual roll type - side to side; Mesh type tarp.
6. TAILGATE: Side swing - left or right;
7. CAM locking system with safety chain; Extreme duty hinges.
8. LANDING GEAR: Holland Mark V. AXLES: TP axles or equivalent; Same inner and outer bearings; Outboard mount hubs.
9. SUSPENSION: Cast hangers; Leaf springs.
10. TIRES AND WHEELS: Steel Disc 22.5x8.25; 11R22.5 radial tires.
11. MISCELLANEOUS: Tow hooks on rear; Air deflector in front.

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SPECIFICATION GROUP - TRANSFER SWITCH: 600 Amp Automatic Transfer Switch

Make: ABB-Zenith Model: ZTG600

Make: ASCO Model: Series 300

Make: Caterpillar Model: CTG Series

Make: Generac Model: GTS/PSTS600

Make: Thomson

Model: Auto Transfer Switch

FSA Item Specifications Description:

1. AUTOMATIC TRANSFER SWITCH: Maximum voltage rating of 600Vac, 60hz; 1ph or 3ph; Open transition (break-before-make) transfer logic; Transfer switch must meet the related industry standards: UL 1008 - Automatic transfer switches for use in emergency systems; CSA - Automatic transfer switches; NEMA - Industrial control and systems AC transfer switch equipment; IEC - Automatic transfer switching equipment.
2. RATING: 600-amp, 3 pole, 277/480vac, 60hz; Enclosure type: NEMA 3r.
3. FUNCTIONAL: The automatic transfer switch shall automatically transfer the load to the generator supply in the event of a utility supply failure and return the load to the utility supply upon restoration. The automatic transfer switch power switching devices shall be mechanically and electrically interlocked to prevent the utility and generator supplies from being interconnected. All timers should be field adjustable to ensure proper field site compatibility.
4. AUTOMATIC SEQUENCE OF OPERATION: When the voltage on any phase of the utility supply is below present levels of rated voltage for a preset time delay, a contact shall close to initiate start of the standby generator. The load shall transfer to the generator supply when the generator voltage and frequency have reached acceptable present levels and the warm up time delay has expired. When the utility supply is restored to the above present levels of rated voltage on all phases, load transfer from generator to utility supply shall be initiated following expiry of the utility return timer. Once the transfer mechanism operates and opens the

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SPECIFICATION GROUP - TRANSFER SWITCH: 600 Amp Automatic Transfer Switch (Continued from previous page)

generator power switching device, the transfer mechanism shall stop in the neutral position (i.e. with the both power switching devices open) for the duration of the neutral delay timer setting to allow load voltage to decay prior to reconnecting the utility supply. The load shall be re-connected to the utility supply once the neutral delay timer expires and the transfer mechanism continues operation and closes the utility power switching device. The load shall immediately retransfer to the utility supply (if within acceptable limits) should the generator supply fail prior to the expiry of the utility transfer delay. The generator set shall continue to operate following a load transfer for a cool down delay period, and then a contact shall open to stop the generator set. An "on load" test mode may be initiated which shall cause a simulated utility failure condition and transfer the load to the generator set. The transfer sequence shall be the same as for a utility power failure except a neutral delay sequence shall occur when transferring from utility to a generator source. The load shall immediately retransfer to the utility supply (if within acceptable limits) should the generator supply fail during an "on load" test mode.

5. FACTORY TESTING: A certified factory test report shall be shipped with each switch at time of shipment; The automatic transfer switch shall be factory tested prior to delivery to the purchaser; The following test shall be conducted by qualified factory personnel: Visual Inspection; Mechanical Tests; Electrical Tests; Final Inspection.
6. FIELD TESTING AND COMMISSIONING: The automatic transfer switch shall be field tested once installed at the project site to confirm proper operation of the system; Schedule and witness testing activities shall be coordinated with the project engineer, site contractor, and owner as required in advance of the testing date; A qualified local factory-trained field representative shall conduct the necessary test to ensure proper operation of the switch. Visual Inspection: Electrical and Mechanical inspection to verify the installation is correct as recommended by the transfer switch manufacturer and as per National Electric Code (NEC) requirements. Mechanical Tests: As a minimum, the following mechanical tests shall be performed on the transfer switch: Power conductor torque verification; Verification of mechanical interlock; Manual ATS

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SPECIFICATION GROUP - TRANSFER SWITCH: 600 Amp Automatic Transfer Switch (Continued from previous page)

Mechanism Operation; All Mechanical Fasteners/Wire Connections Tight; Confirmations of correct transfer switch voltage, current and withstand ratings as is required for the application.

7. Meggar testing the power cabling to the transfer switch; Verification of correct power cabling phasing and phase rotation prior to energization; Confirmation of settings for all timers & voltages sensors. Full Function Test-normal operation - 3 complete cycles of failing the utility supply, and transfer load to/from the generator set; Verification of all test modes operates correctly.
8. CONDITIONS: In addition to equipment specified, each automatic transfer switch shall be equipped with all necessary equipment as specified by the manufacturer for this model and shall include but not be limited to the following necessary items: Shrink Wrap applied to the product to ensure a clean finish; One complete set of operation and maintenance manuals; A two (2) year or 1500 hour from date of standard standby warranty will apply from date of successful startup; Labor, materials, and travel for the warranty period repair will be paid by manufacturer during normal business hours.

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SPECIFICATION GROUP - TRENCHER: Walk Behind Trencher

Make: Vermeer Model: RTX250

FSA Item Specifications Description:

1. ENGINE: a. 25 H.P. gasoline engine b. 7 gallon fuel tank c. Positive feed oil system with spin on filter d. 12 volt starting/charging system
2. GROUND DRIVE: a. Hydrostatic b. Rubber ground tracks c. 7" track width d. 31" track length on ground
3. TRENCHER DRIVE: a. Hydraulic drive b. 8 gallon hydraulic reservoir c. Hydraulic system spin on filter
4. TRENCHER BOOM: a. Digging depth - 48" b. Auger diameter - 18" c. Cutting width minimum - 4"
5. CONTROLS: a. Operator presence safety system b. Low-oil shutdown system c. Steering control d. Operator presence safety system e. Low-oil shutdown system f. Steering control g. Trencher controls h. Travel control i. Boom controls
6. APPROXIMATE DIMENSIONS: a. Weight - 1550 LBS. b. Length - 79" c. Width - 34" d. Height - 48"

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SPECIFICATION GROUP - UTILITY VEHICLE: Electric Utility Vehicle

Make: Club Car Model: Caryall 700

Make: Columbia Model: Utilitruck

Make: Polaris Model: Ranger EV

FSA Item Specifications Description:

1. FSA BASE VEHICLE REQUIREMENTS a. 2 - programmed keys and fobs, if available b. Full-size spare tire, if available
2. DIMENSIONS (APPROXIMATE) a. Length: 115" b. Height: 51" c. Width: 56" d. Wheel Base 79" e. Curb Weight 1500 lbs. f. GVW 2900 lbs.
3. POWER: a. 7 HP Electric Motor b. 8-6 Volt Heavy Duty Batteries c. 48 Volt
4. TRANSMISSION/AXLE: a. Enclosed internally lubricated differential/transaxle b. 2 Wheel Drive
5. CHASSIS/STEERING/SUSPENSION a. 1250 lbs. towing capacity b. 2900 lbs. GVW c. Frame Type Chassis d. Suspension matched for GVW of vehicle
6. TIRES AND WHEELS: a. Off/on road type tires b. Wheels rated for GVW of vehicle c. Tires to be traction type rated for GVW of vehicle
7. PERFORMANCE: a. 45 mile range b. 19 MPH minimum
8. BRAKES: a. Manual parking brake b. Disc or drum type c. 2 or 4 wheel breaks
9. BODY: a. Rear mounted hitch for towing 2" b. Pick-up type box with sides and tailgate c. 2 passenger seating

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SPECIFICATION GROUP - VEHICLE LIFT - Stationary - 2 Post Symmetric Stationary Vehicle Lift 12k

Make: Challenger Model: CL 12-LC

FSA Item Specifications Description:

1. Make: Challenger Model: CL 12-LC
2. Lifting Capacity 12,000 lbs. Lifting Configuration Symmetric Arms 3-stage front/3-stage rear;
3. Rise Height (includes 6" tall adapter) 80.25" ;
4. Overall Height 11'-11" (143") ; Overall Width 142" ; Drive-Thru Clearance 103.5" ; Floor to Overhead Switch 136" ; Arm Reach (Min.) 27.5" ; Arm Reach (Max.) 59" ; Screw Pad Height * 5" / 12.625" (includes 6" tall adapter) ; Inside Columns 114.5" ; Motor / Voltage 2HP, 208v-230v, 60Hz, 1Ph ; Speed of Rise (approximate) 60 s ; Ceiling Height Required 12' ; Colors Available Red, Blue, Black

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SPECIFICATION GROUP - VEHICLE LIFT: Mobile - 2 Column, Cabled

Make: ARI-Hetra Model: LP-10-2-AJ

Make: Rotary Lift Model: MCHF219

Make: Stertil Koni Model: ST1085-1

FSA Item Specifications Description:

1. MINIMUM LIFT CAPACITY: Combined lift capacity of 36,000 lbs.; 18,000 lbs. per column minimum.
2. DIMENSION: Width - 45 Inch Minimum; Length - 48 Inch Minimum; Minimum Rise - 67 Inches.
3. OPERATION: Weight gage for each column; Operating LCD Screen; Speed: fully lowered to raised not to exceed 80 seconds; Fits tire sizes 9" – 24". SAFETY: Mechanical Safety Locks; Override to manual operation in the event of power loss; *Meets all applicable safety standards.
4. POWER: Cabled base. VOLTAGE 208-230 3-phase. *Equipment must comply with all applicable federal, state, and local regulations and meet OSHA, UL-201, NEC, and the latest ANSI standard, ANSI/ALI -ALCTV 2006 and IBC 2003, IBC 2006 Chapter 30 section 3001.2. Equipment must be structurally, and safety tested and certified to ANSI/ALI -ALCTV 2006 automotive lift standard, a copy of listing certification shall be supplied as part of the acceptance of the bid. Equipment must be supplied with all ANSI, ALI/ETL safety booklet, ANSI operations, installation, and maintenance booklets, ANSI/ALI aloim-2008 standard and lifting point guides. Equipment must be supplied with all ANSI, ALI/ETL safety decals. Decals must be permanently placed on the lift in clear view for the operator.

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SPECIFICATION GROUP - VEHICLE LIFT: Mobile - 2 Column, Wireless

Make: ARI-Hetra Model: BPW-10-2-AJ

Make: Challenger Model: CLHM-190 - 2

Make: Rotary Lift Model: MCHF-219

Make: Stertil Koni Model: ST1085-1FRA

FSA Item Specifications Description:

1. MINIMUM LIFT CAPACITY: Combined lift capacity of 36,000 lbs.; 18,000 lbs. per column minimum.
2. DIMENSION: Width - 45 Inch Minimum; Length - 48 Inch Minimum; Minimum Rise - 67 Inches.
3. OPERATION: Weight gage for each column; Operating LCD Screen; Speed: fully lowered to raised not to exceed 80 seconds; Fits tire sizes 9" – 24".
4. SAFETY: Mechanical Safety Locks; Override to manual operation in the event of power loss; *Meets all applicable safety standards; Training included with purchase.
5. POWER: Wireless. *Equipment must comply with all applicable federal, state, and local regulations and meet OSHA, UL-201, NEC, and the latest ANSI standard, ANSI/ALI -ALCTV 2006 and IBC 2003, IBC 2006 Chapter 30 section 3001.2. Equipment must be structurally, and safety tested and certified to ANSI/ALI -ALCTV 2006 automotive lift standard, a copy of listing certification shall be supplied as part of the acceptance of the bid. Equipment must be supplied with all ANSI, ALI/ETL safety booklet, ANSI operations, installation, and maintenance booklets, ANSI/ALI aloim-2008 standard and lifting point guides. Equipment must be supplied with all ANSI, ALI/ETL safety decals. Decals must be permanently placed on the lift in clear view for the operator.

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SPECIFICATION GROUP - VEHICLE LIFT: Mobile - 4 Column, Cabled

Make: ARI-Hetra Model: LP-10-4-AJ

Make: Rotary Lift Model: MCH418

Make: Stertil Koni Model: ST1085-2FSA

FSA Item Specifications Description:

1. MINIMUM LIFT CAPACITY: Combined lift capacity of 72,000 lbs.; 18,000 lbs. per column minimum.
2. DIMENSION: Width - 45 Inch Minimum; Length - 48 Inch Minimum; Minimum Rise - 67 Inches.
3. OPERATION: Weight gage for each column; Operating LCD Screen; Speed: fully lowered to raised not to exceed 80 seconds; Fits tire sizes 9" – 24".
4. SAFETY: Mechanical Safety Locks; Override to manual operation in the event of power loss; *Meets all applicable safety standards.
5. POWER: Cabled base. *Equipment must comply with all applicable federal, state, and local regulations and meet OSHA, UL-201, NEC, and the latest ANSI standard, ANSI/ALI -ALCTV 2006 and IBC 2003, IBC 2006 Chapter 30 section 3001.2. Equipment must be structurally, and safety tested and certified to ANSI/ALI -ALCTV 2006 automotive lift standard, a copy of listing certification shall be supplied as part of the acceptance of the bid. Equipment must be supplied with all ANSI, ALI/ETL safety booklet, ANSI operations, installation, and maintenance booklets, ANSI/ALI aloim-2008 standard and lifting point guides. Equipment must be supplied with all ANSI, ALI/ETL safety decals. Decals must be permanently placed on the lift in clear view for the operator.

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SPECIFICATION GROUP - VEHICLE LIFT: Mobile - 4 Column, Wireless

Make: ARI-Hetra Model: BPW-10-4-AJ

Make: Stertil Koni Model: ST1085-2FRA

FSA Item Specifications Description:

1. MINIMUM LIFT CAPACITY: Combined lift capacity of 72,000 lbs;. 18,000 lbs. per column minimum.
2. DIMENSION: Width - 45 Inch Minimum; Length - 48 Inch Minimum; Minimum Rise - 67 Inches.
3. OPERATION: Weight gage for each column; Operating LCD Screen; Speed: fully lowered to raised not to exceed 80 seconds; Fits tire sizes 9â€ - 24â€.
4. SAFETY: Mechanical Safety Locks; Override to manual operation in the event of power loss; *Meets all applicable safety standards; Training included with purchase.
5. POWER: Wireless. *Equipment must comply with all applicable federal, state, and local regulations and meet OSHA, UL-201, NEC, and the latest ANSI standard, ANSI/ALI -ALCTV 2006 and IBC 2003, IBC 2006 Chapter 30 section 3001.2. Equipment must be structurally, and safety tested and certified to ANSI/ALI -ALCTV 2006 automotive lift standard, a copy of listing certification shall be supplied as part of the acceptance of the bid. Equipment must be supplied with all ANSI, ALI/ETL safety booklet, ANSI operations, installation, and maintenance booklets, ANSI/ALI aloim-2008 standard and lifting point guides. Equipment must be supplied with all ANSI, ALI/ETL safety decals. Decals must be permanently placed on the lift in clear view for the operator.

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SPECIFICATION GROUP - VEHICLE LIFT: Mobile - 6 Column, Cabled

Make: ARI-Hetra Model: LP-10-6-AJ

Make: Rotary Lift Model: MCH618

Make: Stertil Koni Model: ST1085-3FSA

FSA Item Specifications Description:

1. MINIMUM LIFT CAPACITY: Combined lift capacity of 108,000 lbs.; 18,000 lbs. per column minimum.
2. DIMENSION: Width - 45 Inch Minimum; Length - 48 Inch Minimum; Rise minimum - 67 Inches; Fits tire sizes 9" – 24".
3. OPERATION: Weight gage for each column; Operating LCD Screen; Speed: fully lowered to raised not to exceed 80 seconds.
4. SAFETY: Mechanical Safety Locks; Override to manual operation in the event of power loss; *Meets all applicable safety standards.
5. POWER: Cabled base. *Equipment must comply with all applicable federal, state, and local regulations and meet OSHA, UL-201, NEC, and the latest ANSI standard, ANSI/ALI -ALCTV 2006 and IBC 2003, IBC 2006 Chapter 30 section 3001.2. Equipment must be structurally, and safety tested and certified to ANSI/ALI -ALCTV 2006 automotive lift standard, a copy of listing certification shall be supplied as part of the acceptance of the bid. Equipment must be supplied with all ANSI, ALI/ETL safety booklet, ANSI operations, installation, and maintenance booklets, ANSI/ALI aloim-2008 standard and lifting point guides. Equipment must be supplied with all ANSI, ALI/ETL safety decals. Decals must be permanently placed on the lift in clear view for the operator.

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SPECIFICATION GROUP - VEHICLE LIFT: Mobile - 6 Column, Wireless

Make: ARI-Hetra Model: BPW-10-6-AJ

Make: Rotary Lift Model: MCHF619

Make: Stertil Koni Model: ST1085-3FRA

FSA Item Specifications Description:

1. MINIMUM LIFT CAPACITY: Combined lift capacity of 108,000 lbs.; 18,000 lbs. per column minimum.
2. DIMENSION: Width - 45 Inch Minimum; Length - 48 Inch Minimum; Rise minimum - 67 Inches; Fits tire sizes 9" – 24".
3. OPERATION: Weight gage for each column; Operating LCD Screen; Speed: fully lowered to raised not to exceed 80 seconds.
4. SAFETY: Mechanical Safety Locks; Override to manual operation in the event of power loss; *Meets all applicable safety standards: Training included with purchase.
5. POWER: Wireless. *Equipment must comply with all applicable federal, state, and local regulations and meet OSHA, UL-201, NEC, and the latest ANSI standard, ANSI/ALI -ALCTV 2006 and IBC 2003, IBC 2006 Chapter 30 section 3001.2. Equipment must be structurally, and safety tested and certified to ANSI/ALI -ALCTV 2006 automotive lift standard, a copy of listing certification shall be supplied as part of the acceptance of the bid. Equipment must be supplied with all ANSI, ALI/ETL safety booklet, ANSI operations, installation, and maintenance booklets, ANSI/ALI aloim-2008 standard and lifting point guides. Equipment must be supplied with all ANSI, ALI/ETL safety decals. Decals must be permanently placed on the lift in clear view for the operator.

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SPECIFICATION GROUP - VEHICLE LIFT: Mobile - 8 Column, Cabled

Make: Stertil Koni Model: ST1085-4FSA

FSA Item Specifications Description:

1. MINIMUM LIFT CAPACITY: Combined lift capacity of 144,000 lbs.; 18,000 lbs. per column minimum.
2. DIMENSION: Width - 45 Inch Minimum; Length - 48 Inch Minimum; Rise minimum - 67 Inches; Fits tire sizes 9" – 24".
3. OPERATION: Weight gage for each column; Operating LCD Screen; Speed: fully lowered to raised not to exceed 80 seconds.
4. SAFETY: Mechanical Safety Locks; Override to manual operation in the event of power loss; *Meets all applicable safety standards.
5. POWER: Cabled base. *Equipment must comply with all applicable federal, state, and local regulations and meet OSHA, UL-201, NEC, and the latest ANSI standard, ANSI/ALI -ALCTV 2006 and IBC 2003, IBC 2006 Chapter 30 section 3001.2. Equipment must be structurally, and safety tested and certified to ANSI/ALI -ALCTV 2006 automotive lift standard, a copy of listing certification shall be supplied as part of the acceptance of the bid. Equipment must be supplied with all ANSI, ALI/ETL safety booklet, ANSI operations, installation, and maintenance booklets, ANSI/ALI aloim-2008 standard and lifting point guides. Equipment must be supplied with all ANSI, ALI/ETL safety decals. Decals must be permanently placed on the lift in clear view for the operator.

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SPECIFICATION GROUP - VEHICLE LIFT: Mobile - 8 Column, Wireless

Make: ARI-Hetra Model: BPW-10-8-AJ

Make: Rotary Lift Model: MCHF819

Make: Stertil Koni Model: ST1085-4FRA

FSA Item Specifications Description:

1. MINIMUM LIFT CAPACITY: Combined lift capacity of 144,000 lbs.; 18,000 lbs. per column minimum.
2. DIMENSION: Width - 45 Inch Minimum; Length - 48 Inch Minimum; Rise minimum - 67 Inches; Fits tire sizes 9" – 24".
3. OPERATION: Weight gage for each column; Operating LCD Screen; Speed: fully lowered to raised not to exceed 80 seconds.
4. SAFETY: Mechanical Safety Locks; Override to manual operation in the event of power loss; *Meets all applicable safety standards; Training included with purchase.
5. POWER: Wireless. *Equipment must comply with all applicable federal, state, and local regulations and meet OSHA, UL-201, NEC, and the latest ANSI standard, ANSI/ALI -ALCTV 2006 and IBC 2003, IBC 2006 Chapter 30 section 3001.2. Equipment must be structurally, and safety tested and certified to ANSI/ALI -ALCTV 2006 automotive lift standard, a copy of listing certification shall be supplied as part of the acceptance of the bid. Equipment must be supplied with all ANSI, ALI/ETL safety booklet, ANSI operations, installation, and maintenance booklets, ANSI/ALI aloim-2008 standard and lifting point guides. Equipment must be supplied with all ANSI, ALI/ETL safety decals. Decals must be permanently placed on the lift in clear view for the operator.

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SPECIFICATION GROUP - VEHICLE LIFT: Stationary - 2 Post Asymmetric Stationary Vehicle Lift 10k

Make: Rotary Lift Model: SPOA10

FSA Item Specifications Description:

1. MINIMUM LIFT CAPACITY: 10,000 lbs.;
2. DIMENSION: Minimum Width – 125", Minimum Width Between Posts – 110", Minimum Extended Cylinder Height - 142.5", Minimum Full Rise Height – 72", Minimum Ceiling Height required - 12';
3. OPERATION: Speed of rise - fully lowered to fully raised in 50 seconds; SAFETY: Manual or Automatic Lock Release, *Meets all applicable safety standards,
4. MOTOR: 2.0 HP 208-230 V Minimum;
5. ACCESSORIES: Power Upgrades Options, Air/Electric workstation w/Filter/Lubricator/Regulator, Tire Tool, Manager Workstation w/Filter/Lubricator/Regulator, Column Height Extensions, Door protection. *Equipment must comply with all applicable federal, state, and local regulations and meet OSHA, UL-201, NEC, and the latest ANSI standard, ANSI/ALI -ALCTV 2006 and IBC 2003, IBC 2006 Chapter 30 section 3001.2. Equipment must be structurally, and safety tested and certified to ANSI/ALI -ALCTV 2006 automotive lift standard, a copy of listing certification shall be supplied as part of the acceptance of the bid. Equipment must be supplied with all ANSI, ALI/ETL safety booklet, ANSI operations, installation, and maintenance booklets, ANSI/ALI aloim-2008 standard and lifting point guides. Equipment must be supplied with all ANSI, ALI/ETL safety decals. Decals must be permanently placed on the lift in clear view for the operator.

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SPECIFICATION GROUP - VEHICLE LIFT: Stationary - 2 Post Asymmetric Stationary Vehicle Lift 12k

Make: Rotary Lift Model: SPO12-TA

FSA Item Specifications Description:

1. MINIMUM LIFT CAPACITY: 12,000 lbs;
2. DIMENSION: Minimum Width - 139 Inches, Minimum Width Between Posts - 114-7/8 Inches, Minimum Extended Cylinder Height - 160 Inches, Minimum Full Rise Height – 72”, Maximum Ceiling Height required - 16’;
3. OPERATION: speed of rise - fully lowered to fully raised in 90 seconds;
4. SAFETY: Manual or Automatic Lock Release, *Meets all applicable safety standards;
5. MOTOR: 2.0 HP 208-230 V Minimum,
6. ACCESSORIES: Power Upgrades Options, Air/Electric workstation, w/Filter/Lubricator/Regulator, Tire Tool Manager Workstation w/Filter/Lubricator/Regulator, Column Height Extensions, Door protection. *Equipment must comply with all applicable federal, state, and local regulations and meet OSHA, UL-201, NEC, and the latest ANSI standard, ANSI/ALI -ALCTV 2006 and IBC 2003, IBC 2006 Chapter 30 section 3001.2. Equipment must be structurally, and safety tested and certified to ANSI/ALI -ALCTV 2006 automotive lift standard, a copy of listing certification shall be supplied as part of the acceptance of the bid. Equipment must be supplied with all ANSI, ALI/ETL safety booklet, ANSI operations, installation, and maintenance booklets, ANSI/ALI aloim-2008 standard and lifting point guides. Equipment must be supplied with all ANSI, ALI/ETL safety decals. Decals must be permanently placed on the lift in clear view for the operator.

FLORIDA SHERIFFS ASSOCIATION & FLORIDA ASSOCIATION OF COUNTIES

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SPECIFICATION GROUP - VEHICLE LIFT: Stationary - 2 Post Asymmetric Stationary Vehicle Lift 15k

Make: Challenger Model: 15000-3S

Make: Rotary Lift Model: SPO16

FSA Item Specifications Description:

1. MINIMUM LIFT CAPACITY: 15,000 lbs.;
2. DIMENSION: Minimum Width - 125 Inches, Minimum Width Between Posts - 120 Inches, Minimum Extended Cylinder Height - 160 Inches, Minimum Full Rise Height – 72", Maximum Ceiling Height required - 17'
3. OPERATION: Speed of rise - fully lowered to fully raised in 90 seconds;
4. SAFETY: Manual or Automatic Lock Release, *Meets all applicable safety standards;
5. MOTOR: 2.0 HP 208-230 V Minimum;
6. ACCESSORIES: Power Upgrades Options, Air/Electric workstation, w/Filter/Lubricator/Regulator, Tire Tool Manager Workstation w/Filter/Lubricator/Regulator, Column Height Extensions, Door protection. *Equipment must comply with all applicable federal, state, and local regulations and meet OSHA, UL-201, NEC, and the latest ANSI standard, ANSI/ALI -ALCTV 2006 and IBC 2003, IBC 2006 Chapter 30 section 3001.2. Equipment must be structurally, and safety tested and certified to ANSI/ALI -ALCTV 2006 automotive lift standard, a copy of listing certification shall be supplied as part of the acceptance of the bid. Equipment must be supplied with all ANSI, ALI/ETL safety booklet, ANSI operations, installation, and maintenance booklets, ANSI/ALI aloim-2008 standard and lifting point guides. Equipment must be supplied with all ANSI, ALI/ETL safety decals. Decals must be permanently placed on the lift in clear view for the operator.

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SPECIFICATION GROUP - VEHICLE LIFT: Stationary - 2 Post Asymmetric Stationary Vehicle Lift 18k

Make: Challenger Model: 18000

Make: Rotary Lift Model: SPO20

FSA Item Specifications Description:

1. MINIMUM LIFT CAPACITY: 18,000 lbs.;
2. DIMENSION: Minimum Width - 125 Inches, Minimum Width Between Posts - 118 Inches, Minimum Extended Cylinder Height - 142.5 Inches, Minimum Full Rise Height – 85", Maximum Ceiling Height required - 17'
3. OPERATION: Speed of rise - fully lowered to fully raised in 60 seconds;
4. SAFETY: Manual or Automatic Lock Release, *Meets all applicable safety standards;
5. MOTOR: 3.0 HP 208-230 V Minimum;
6. ACCESSORIES: Power Upgrades Options, Air/Electric workstation, w/Filter/Lubricator/Regulator, Tire Tool Manager Workstation w/Filter/Lubricator/Regulator, Column Height Extensions, Door protection. *Equipment must comply with all applicable federal, state, and local regulations and meet OSHA, UL-201, NEC, and the latest ANSI standard, ANSI/ALI -ALCTV 2006 and IBC 2003, IBC 2006 Chapter 30 section 3001.2. Equipment must be structurally, and safety tested and certified to ANSI/ALI -ALCTV 2006 automotive lift standard, a copy of listing certification shall be supplied as part of the acceptance of the bid. Equipment must be supplied with all ANSI, ALI/ETL safety booklet, ANSI operations, installation, and maintenance booklets, ANSI/ALI aloim-2008 standard and lifting point guides. Equipment must be supplied with all ANSI, ALI/ETL safety decals. Decals must be permanently placed on the lift in clear view for the operator.

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SPECIFICATION GROUP - VEHICLE LIFT: Stationary - 2 post Versymmetric Stationary Vehicle Lift 10k

Make: Challenger Model: CL10V3

FSA Item Specifications Description:

Lifting Capacity 10,000 lbs. Lifting Configuration Versymmetric (Symmetric & Asymmetric) Arms 3-stage front/3-stage rear Rise Height 74.125" Overall Height 134" / 140" Overall Height (Cylinder Extended) 143" 2` Height Extension Available Yes 3` Height Extension Available Yes Overall Width 138.5" / 143" Drive-Thru Clearance 100" / 104.5" Floor to Overhead Switch 128.5" / 134.5" Front Arm Reach 20" – 42" Rear Arm Reach 37.625" – 60" Screw Pad Height 3.875" - 6.125" Inside Columns 110" / 114.5" Motor / Voltage 2HP, 208v-230v, 60Hz, 1Ph Speed of Rise 38 s Ceiling Height Required 12` ALI/ETL Certified Yes

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SPECIFICATION GROUP - VEHICLE LIFT: Stationary - 4 Column, Alignment Lift with Front/Rear Jacks and Integrated Turntables and Slip Plates 14K

Make: Challenger Model: AR4115XAO

FSA Item Specifications Description:

Capacity 15,000 lbs. Open or Closed Front Open Max. Wheelbase 210" Rise Height 78" Overall Length 277.25" Overall Width 142" front / 134.5" rear Inside Columns 120" Between Columns 222.5" Height of Columns 99.5" / 93.5" Width of Runways 20" Height of Runways 7" Width Between Runways 43" Max. 2 Wheel Alignment - 194" 4 Wheel Alignment - 88" - 158" Air Supply Required 90-120 psi Motor / Voltage 2HP, 208v-230v, 60Hz Speed or Rise 85 s Min. Recomm. Bay Size 12' x 26' ALI/ETL Certified Yes Colors Available Red, Blue, Black