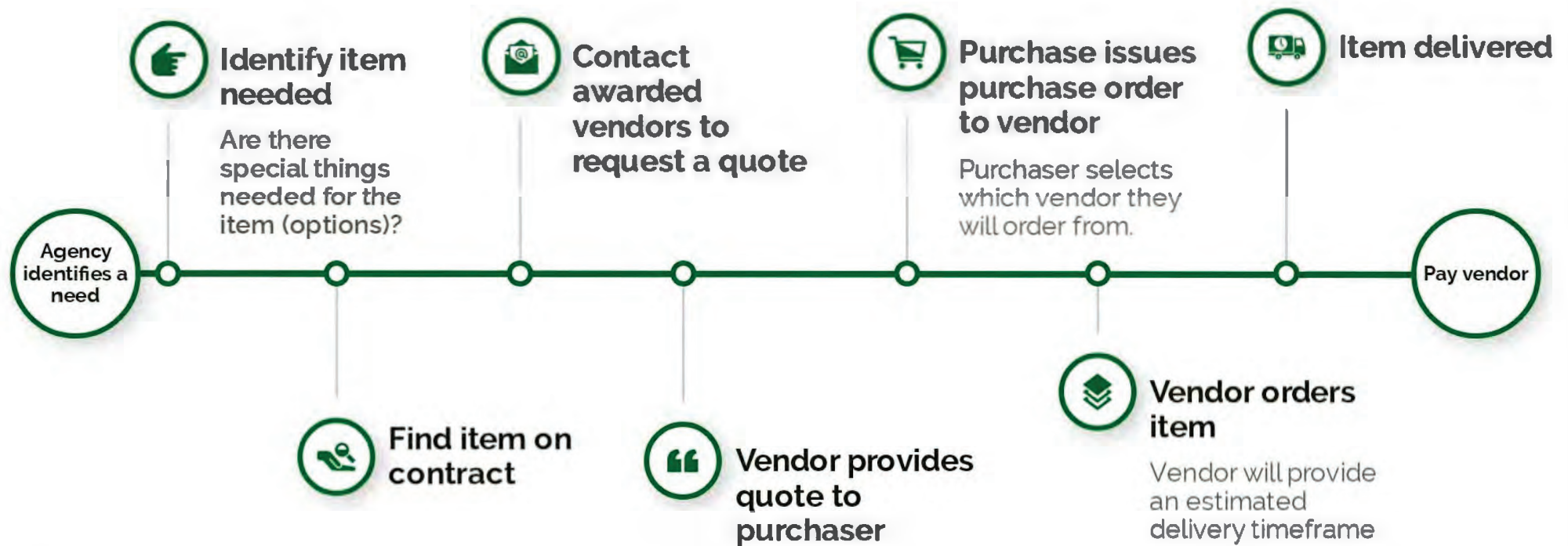


FSA Cooperative Purchasing Program



FSA23-EQU21.1: Equipment How to Order

How to Purchase



FSA Cooperative Purchasing Program



FSA23-EQU21.1: Equipment Terms & 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". Please be sure to reference the bid number and title and provide your contact information. 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

1.02 PURPOSE

The Florida Sheriffs Association invites interested Bidders, including manufacturers and dealers or authorized 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 dealers for contract terms specified under Section 1.03 for the purchase of items on a "no trade-in basis."

1.03 TERM OF CONTRACT

The term for Contracts FSA23-VEL31.0 Pursuit, Administrative and Other Vehicles and FSA23-VEH21.0 Heavy Trucks and Buses shall remain in effect for one year from date of contract execution by the FSA, and may be extended by mutual agreement, at the sole option and discretion of the FSA. The initial term of these contracts begins October 1, 2023, and ends September 30, 2024.

The term for Contract FSA23-EQU21.0 Equipment shall remain in effect for two years from date of contract execution by the FSA, and may be extended by mutual agreement, at the sole option and discretion of the FSA. The initial term of this contract begins October 1, 2023, and ends September 30, 2025.

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 JURISDICTION

This Agreement shall be governed by and construed in accordance with the laws of the State of Florida. Venue shall lie in the appropriate court in and for Leon County, Florida.

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.

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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.

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 Dollars.

1.08 GENERAL DEFINITIONS

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

- A. **Base Specification:** Written descriptions of the minimum requirements for each item or item group developed by the FSA CPP for Bidders to bid on. These item requirements may be unique to FSA CPP and require additional components to the manufacturer's standard item.
- B. **Bid System:** The online forum used for the submission of bids and review of bid results for the specifications connected to this Invitation to Bid. VendorLink is the software used for this bid.
- C. **Bidder:** A bidder or enterprise that submits a formal bid to the Florida Sheriffs Association Cooperative Purchasing Program in accordance with the Florida Sheriffs Association Cooperative Purchasing Program Terms and Conditions. A bidder, that is not the manufacturer, must be authorized by the manufacturer to market and sell an item for which they are bidding.
- D. **Build sheet:** A document from the Bidder that confirms that the item submitted by Bidders meets or exceeds the FSA CPP Base Specification. Build sheets include, but are not limited to, the factory options list and door data plate information for vehicles that include details such as engine size and transmission, paint codes, production date, axle code, etc.
- E. **Dealer:** An enterprise authorized by the manufacturer to market, sell, provide, and service the items for the Florida Sheriffs Association Cooperative Purchasing Program. Dealers may be Vendor-owned and controlled, in whole or in part, or independently owned and controlled.
- F. **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.

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- G. **Factory:** Refers to the manufacturer produced products.
- H. **Fleet Advisory Committee (committee):** An employee of a sheriff's office or other local governmental agency, or person who FSA CPP identifies as a subject matter expert who assists with the development of bid specifications and evaluation of bid responses. The committee makes recommendations to the FSA CPP and is not responsible for final awards.
- I. **Florida Sheriffs Association Cooperative Purchasing Program (FSA CPP):** The entity that administers the Invitation to Bid and contract administration functions for the resulting contract(s).
- J. **Invitation to Bid:** A competitive solicitation and award process established through the issuance of an invitation to Bidders, 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 requests for proposals, requests for quotes, requests for letters of interest, or the solicitation of purchase orders based on oral or written quotations.
- K. **Manufacturer:** The original producer or provider of items offered on this contract.
- L. **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:
 - a. Manufacturer's Computer Printouts
 - b. Chrome Systems, Inc.'s PC Carbook Plus and PC Carbook Fleet Edition
 - c. Manufacturer's Annual U.S. Price Book
 - d. Manufacturer's official website
- M. **Non-Scheduled Option:** Any optional new or unused component, feature or configuration that is not included or listed in the Base Specifications or options provided by the Vendor.
- N. **Production Cutoff:** A date used by manufacturers to notify vendors and dealers that the manufacturer has reached maximum capacity for orders or are discontinuing the production of an item. Vehicle manufacturers use this term when referring to any given model year for production.
- O. **Published List Price:** A standard "quantity of one" price currently available to government and educational purchasers, excluding cooperative or volume discounts.
- P. **Purchase Order:** A request for order from a purchaser to an awarded Vendor for an item that has been awarded on this contract. Purchase Orders placed using this contract formalize the terms and conditions of this contract under which a Vendor furnishes items to a purchaser.
- Q. **Purchaser:** A purchaser is an entity that seeks to obtain items awarded on this contract by meeting the eligible user criteria.
- R. **Qualification Packet:** This document contains the required forms, attestations, authorizations, and organizational information needed by Bidders to submit a successful and complete bid.

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- S. **Terms & Conditions:** This document, which serves as the governing Invitation to Bid and contract for the identified FSA CPP Invitation to Bid and resulting contract(s). Standard regulations, processes, procedures, and compliance requirements are identified herein. Bidders complete a qualification packet during the bid process indicating they agree to comply with the Terms & Conditions, and that this will serve as a contract for both parties, should the Bidder(s) receive award.
- T. **Third Party Supplier:** Businesses external to a Bidder or Vendor that provide products and services which contribute to the overall finished item in this contract. Third Party Suppliers are contractors under the direction and responsibility of the Bidder or Vendor.
- U. **Vendor:** The Bidder(s) that receive award, who agree to provide the contract items that meet the requirements and Base Specifications of the contract. The Vendor must agree to the Terms & Conditions, which will serve as the governing contract. If the Vendor is not the manufacturer, the Vendor must be authorized by the manufacturer to market, sell, provide, and service all awarded items.
- V. **Vendor Installed:** A product or service provided by the Vendor or other third party; not the factory.

1.09 ELIGIBLE PURCHASERS OF CONTRACT

Awarded bid 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, other special 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. Eligible purchaser also includes all Eligible Users as defined in F.A.C. 60A-1.001(2).

All purchasers are bound by applicable Federal and 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, awarded bids can be extended and guaranteed to other entities, which can include out-of-state sales, in accordance with Vendors' individual manufacturers' agreements. Vendors that wish to extend contract pricing to entities other than those defined here are governed by their manufacturers' agreements and must agree to the Terms & Conditions.

1.10 LEGAL REQUIREMENTS

Federal, State, and local laws, ordinances, rules and regulations, including any applicable motor vehicle dealer laws, 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.

Bidders have the option to certify that they are willing to accept purchase orders funded in whole or in part with federal funds. By opting in, Bidders certify that they are willing to comply with the requirements outlined in Appendix D upon receipt of a federally funded purchase order. This is not a requirement of the Invitation to Bid or contract. Bidders are not required to opt-in; however, they are required to indicate whether they will opt-in or opt-out of receiving federally funded purchase orders. FSA CPP has taken actions to provide and develop information, materials, and resources for Bidders, Vendors and purchasers that will assist in the use of federal funding with this

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contract. It is the responsibility of the purchaser to determine compliance for each Vendor, if they wish to use federal funds for purchase or intend to request reimbursements using federal funds.

1.11 PATENTS & ROYALTIES

The Bidder/Vendor, without exception, shall indemnify and hold harmless the Florida Sheriffs Association (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/Vendor 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 CPP 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 Terms & Conditions, regarding the items and services specifications, safety, and environmental requirements shall immediately become a part of the Terms & Conditions. 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 CPP immediately.

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 because of a disability at the bid opening must contact the FSA Human Resources at (850) 877-2165.

1.16 DISADVANTAGED BUSINESSES

As part of the solicitation process FSA CPP makes information publicly available to potentially qualified entities, and conducts additional outreach to qualified:

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- Small businesses,
- Minority-owned small businesses,
- Women-owned small business enterprises, and
- Disadvantaged business enterprises.

FSA CPP takes necessary affirmative steps to ensure that minority businesses, women's business enterprises, and labor surplus area firms are used, when possible, as recommended by 2 C.F.R. § 200.321. FSA CPP will:

- Evaluate whether small, minority, and women's businesses are potential sources,
- Place those qualified small and minority businesses and women's business enterprises on solicitation lists, and
- Search the Small Business Administration, Minority Business Development Agency, and Labor Surplus Area reports for additional potential sources.

Bidders self-certify in the qualification packet whether they meet the state and federal definitions of a small business, minority-owned small business, women-owned small business enterprise, and disadvantaged business.

1.17 ANTI-DISCRIMINATION

The Bidder certifies that they are 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 or omission of any description from the specifications 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 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 a 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

Purchasers 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.

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

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1.21 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):

- Addenda to Contract Terms & Conditions, if issued
- Contract Conditions
- General Conditions
- Addenda to Bid Specifications, if issued
- Bid Specifications
- Bidder Instructions

1.22 COMMUNICATIONS

Communications between a Bidder, lobbyist or consultant and FSA are limited to matters of process or procedure and shall be made in writing to the FSA CPP Staff.

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

1.23 CLARIFICATION AND ADDENDA

Any questions or clarifications concerning the Invitation to Bid shall be submitted to FSA CPP by e-mail to CPP@flsheriffs.org with the bid title and number referenced on all correspondence. Final questions must be received by the date for Request for Clarification stated on the Bid Calendar. Questions and answers will be posted to the FSA CPP website on the date indicated on the Bid Calendar. Questions received during the cone of silence date listed on the bid calendar will not be addressed, except as provided herein.

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. FSA CPP will make every attempt to e-mail updates to registered Bidders. However, posting to the FSA CPP website or the Bid System constitutes proper notice of addenda.

The FSA CPP shall issue a Formal Addendum if substantial changes that 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 Formal Addenda shall govern over prior Formal Addenda only to the extent specified. 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 Bid Specifications. Bids that fail to account for the specification addenda shall be determined to be nonresponsive; however, the FSA CPP may waive this requirement when in its best interest.

After the start of the contract term, FSA CPP 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.

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1.24 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 CPP. The bid submission must be signed by an authorized representative. Submission of a bid in the FSA CPP Bid System constitutes a signed bid for purposes of bid evaluation. An electronic signature may be used and shall have the same force and effect as a written signature.

1.25 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 CPP.

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 CPP reserves the right to reject the acquiring entity as Vendor. A change of name agreement will not change the contractual obligations of the Vendor.

In the event a manufacturer reassigns the product line to an alternate company, the Vendor is required to notify the FSA CPP in writing of the change within 10 business days of the reassignment. If the Vendor is not already an approved FSA CPP Vendor, the alternate company is required to submit a Qualifications Packet to the FSA CPP to become an approved Vendor *prior to* conducting any qualified sales. FSA CPP may approve such assignments of existing or new vendors at its discretion. The Vendor is required to honor the contract pricing and all of the applicable Terms & Conditions throughout the remaining term of the contract.

1.26 TERMINATION OF PRODUCT LINE

If a Vendor terminates a product line (manufacturer or brand), the Vendor is required to notify the FSA CPP within 10 business days of the decision not to retain the product line. FSA CPP may remove the terminated products from the contract.

1.27 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 CPP.

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

FSA CPP may inspect the Bidder's facility 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 described in this Invitation to Bid.

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.

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1.28 VENDOR ABILITY TO PERFORM

The FSA CPP 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 CPP 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.

During the contract period, FSA CPP may review the Vendor's record of performance and may require submission of supporting documentation to ensure that the Vendor is providing sufficient financial support, equipment and organization.

If the FSA CPP 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.

By responding to this Invitation to Bid, 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 a resulting 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 CPP and purchaser in writing if its ability to perform is compromised in any manner during the term of the contract.

1.29 FINANCIAL RESPONSIBILITY

Bidder affirms by the submission of the bid and by signature on the contract signature form 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 adequate facilities and personnel to fulfill such requirements.
- Accepts the financial responsibility associated with this bid and declares that they have the access to capital (in the form of liquidity or credit lines) in order to meet the financial demands of such award.
- Has assessed the financial responsibility required to serve the contract as bid, including such details as the obligations to perform all items 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.

1.30 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.

Items 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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1.31 NONCONFORMANCE

Items may be tested for conformance with specifications. Items delivered that do not conform to specifications may be rejected and returned at the Vendor's expense.

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.

1.32 GRATUITIES

Bidders 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. Bidders shall disclose in writing any conflicts of interest to FSA prior to any award, or as soon as practicable after learning of any such conflict, including any contractual or employment relationships with FSA or potential purchasers of Bidders' products or services.

1.33 TIE BIDS

FSA CPP has the right to award multiple Bidders the primary or alternate award in the event of a tie. In the event the FSA CPP desires to break tie bids, and 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

1.34 RIGHT TO AUDIT

Vendor shall establish and maintain a reasonable accounting system that enables FSA CPP to readily identify Vendor's sales. FSA CPP 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 user 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 but not limited to purchase orders, confirmation of orders or invoices, 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, quotes, or work sheets;
- Contract amendments and change order files;
- 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 CPP, the Vendor shall provide such records for inspection and audit by FSA CPP or its authorized representatives. Such records shall be made available to FSA CPP during normal business hours within three business days of receipt of the written notice. FSA CPP may select the Vendor's place of business or offsite location for the audit. The FSA CPP may also request the Vendor provide requested records via e-mail.

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Vendor shall ensure FSA has these rights with Vendor's employees, agents, assigns, successors, and third-party suppliers, 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 underreporting, overpricing or overcharges (of any nature) by the Vendor to FSA or a purchaser 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.

1.35 LICENSES AND PERMITS

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

The Bidder must, by the time of award, be registered to do business in the State of Florida on SunBlz.gov.

1.36 PERFORMANCE BONDS

Purchasers 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.

1.37 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.

1.38 INDEPENDENT PREPARATION

A Bidder shall not, directly or indirectly, collude, consult, communicate or agree with any other Bidder as to any matter related to the bid each is submitting. Additionally, a Bidder shall not induce any other Bidder to modify, withdraw, submit, or not submit a bid.

Bidders or Vendors who are found to have engaged in these acts will be considered nonresponsive and will be suspended or barred from bid participation. Any contract award resulting from these acts may be terminated for

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default. Further, any such acts detected by the FSA may be reported to relevant law enforcement and/or prosecutorial agencies.

Bidders may submit multiple bids without violating this provision if the bid submitted is not from the same manufacturer and product line. Dealers that share the same ownership may submit multiple bids without violating this provision if the Bidders are not in the same region featuring the same manufacturer and product line.

1.39 DEFAULT

In case of default on the part of Vendor, the FSA CPP may take necessary steps to otherwise procure the products sought, including but not limited to procuring the products or services from the next highest ranked Bidder or from other sources. A defaulting Vendor may be held liable for costs incurred by the FSA in procuring replacement products.

1.40 PROTESTS AND ARBITRATION

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

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amount equal to ten percent of the product line being protested. This amount will be the same amount as the FSA CPP provided at the time of filing the initial protest. Failure to provide written notice to FSA CPP, 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.

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.

1.41 NONPERFORMANCE

By virtue of the bid submission, Bidder acknowledges its obligation to sell items in all zones for which it is awarded. Upon award, failure of the Vendor to comply with these requirements may result in the imposition of liquidated damages of up to \$1,000 per item, which amount the Vendor agrees is reasonable, or probation, suspension, termination or a combination thereof from current and future bids at the FSA CPP's discretion.

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

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 CPP 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 items or zones, or other actions as determined by FSA CPP at its sole discretion.

At FSA CPP'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 CPP.

In situations where there is evidence that the Vendor has engaged in egregious breaches of the contract with respect to either the FSA CPP 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 CPP.

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.

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Any Vendor presented with a valid Purchase Order consistent with Vendor bid quotes or other agreed upon terms and pricing is required by this contract to accept such purchase order and deliver the product. Purchase Orders must be fulfilled whether or not the Purchase Order includes options. The Vendor must deliver this product in accordance with the Terms & Conditions – regardless of whether doing so will provide the Vendor with a profit or loss.

Failure to deliver the item may result in the purchaser seeking damages for the difference of cost to issue a new Purchase Order with another Vendor plus any legal fees and damages that may be incurred in the process to facilitate a completed order. Additionally, FSA CPP may seek damages for nonpayment of administrative fees, to which FSA CPP is entitled, according to Section 3.28, and any attorney's fees incurred in the recovery of these damages.

1.42 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.

1.43 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 CPP 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 CPP, and the failure to exercise such right shall not be deemed to constitute a waiver of this right.

In the event of a termination for cause, the purchaser shall compensate the successful Bidder in accordance with the contract for all services performed by the successful Bidder prior to termination, net of any costs incurred by the purchaser and 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 CPP may reasonably withhold payments to the Vendor for the purposes of offset until such time as the exact amount of damages due the FSA from the Vendor is determined.

1.44 TERMINATION WITHOUT CAUSE

The FSA CPP 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 the event of a termination without cause, all finished or unfinished documents and other materials shall be properly delivered to the FSA CPP.

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 balance of the contract or cancellation charges.

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

1.45 CONTRACT ADVERTISEMENT AND USE OF FSA LOGO

The FSA 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 use of the logo by contacting cpp@flsheriffs.org, and should include a brief description of 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 QUALIFICATION

Bidders are required to complete the qualification packet as part of the bid submission. A Bidder becomes a qualified bidder if they comply with this section and Section 2.11, Mandatory Pre-Bid Meeting.

Qualification Packet information required for bid qualification include:

- Qualification form
 - Contact Information
 - Business Profile
 - References
 - Disqualifications & Defaults
 - Warranty Service Plan Attestation
 - Emergency Technician Attestation
- Compliance Attestations
 - E-Verify
 - Drug-Free Workplace
 - Workers Compensation
 - Compliance with Applicable Federal, State, and Local Laws and Ordinances
- Federal Compliance
- If willing to comply with the requirements applicable to federally funded purchase orders, Federal Compliance Certifications
 - Certification Regarding Debarment and Suspension
 - Certification Regarding Lobbying
- Contract Signature Form
- Insurance Checklist
 - Certificates of Insurance due five days prior to award

The qualification packet is located on the Bid System.

2.02 LICENSING AND FACILITIES

Bidders are required to obtain all required licenses, including any applicable motor vehicle dealer licenses, and registrations, and comply with all applicable Federal, State, and local laws and ordinances, including any applicable motor vehicle dealer laws, in order to bid on any motor vehicle.

Bidders must maintain a repair facility within the State of Florida to provide warranty service for the items bid. If Bidders do not have a facility, the Bidder must be able to assist purchasers in obtaining warranty work as authorized by the manufacturer.

If a Bidder does not maintain a facility within the State of Florida, the Bidder must have a plan as to how the Bidder would service Florida purchasers if awarded the contract. This warranty service plan must demonstrate that the warranty work will be timely and satisfactorily performed and should include:

- Whether the warranty service provider is approved by the manufacturer;
- If the Bidder 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,

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- 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 the Warranty Service Plan may be evaluated by the FSA CPP. The FSA CPP reserves the right to request additional information from a Bidder regarding the facility during the solicitation and the term of the contract, if awarded. The FSA CPP may also exercise discretion in examining such facility as deemed necessary.

2.03 INSURANCE AND INDEMNIFICATION

Bidder/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/Vendor, its agents, employees, partners, or third party suppliers; provided, however, that the Bidder/Vendor 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.

The Florida Sheriffs Association and/or participating agencies shall give the Bidder/Vendor (2) the opportunity to take over and settle or defend any such action at Bidder's/Vendor's sole expense. When reasonable, the Florida Sheriffs Association will give the Bidder/Vendor written notice of an action or threatened action. Bidder/Vendor shall not be liable for any unreasonable 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 Insurance Checklist summarizes the Bidder's/Vendor's insurance coverage obligations, if awarded. Certificates of Insurance, evidencing such coverages and endorsements as required herein, shall be provided no later than five (5) business days prior to the contract award date. The Vendor may not begin performance under the contract until such Certificates have been approved by the FSA CPP.

The certificate must state Bid Number and Title. FSA must be named as an additional insured for the duration of the contract.

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

The Vendor shall maintain automobile liability insurance including property damage covering all owned, non-owned, hired and scheduled automobiles, when used in connection with the delivery or service of this contract.

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The Vendor shall maintain insurance to cover garage operations in the amount specified on the Insurance Checklist when the garage is used to complete work on this contract.

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 B+ or better per the AM Best Rating.

FSA CPP required insurance coverages must be maintained through the duration of the contract. Upon expiration of the required insurance, the Vendor must email updated certificates of insurance for as long a period as any work is still in progress. No change or cancellation in insurance shall be made without 30 calendar days written notice to the FSA CPP.

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.

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 they are for acts and omissions of persons directly employed by the Vendor.

The FSA can request, and the Vendor shall furnish proof of insurance within seven (7) 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 CPP shall have the right to consider the contract breached and justifying the

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termination thereof. If Bidder does not meet the insurance requirements; the FSA may consider alternate insurance coverage.

2.04 SPECIFICATIONS

All items covered by this Invitation to Bid and any resulting 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 System or FSA CPP item group specification.

The Base Item Specifications are contained in the FSA CPP Bid System, may be requested from FSA CPP, and are retained within FSA CPP's archive. As part of the bid submission, Bidders will be required to provide confirmation that the item bid meets the FSA CPP Base Specification. FSA CPP may reject bids that fail to provide confirmation that the item(s) bid meet the FSA CPP Bid Specifications.

FSA CPP develops the specifications with subject matter experts and publicly available information. However, FSA CPP does not have access to full details from the manufacturer and relies on Bidders to assist in this process. Bidders should immediately notify the FSA CPP of any inaccuracies in the specifications. All notifications of inaccuracies must be in writing.

If awarded a contract, Vendor(s) must offer and supply an item that either meets or exceeds all the requirements included in the applicable Bid Specifications, unless a purchaser specifically issues a Purchase Order for a base item and Option that differs from the Base Specifications. Failure of a Bidder to comply with these provisions will result in Bidders being held responsible for all costs required to bring the item into compliance with the contract specifications.

2.05 SEALED BIDS

For purposes of this solicitation, a sealed bid is considered a bid submitted using the FSA CPP Bid System.

2.06 MISTAKES

Bidders are expected to examine the Base Item 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.

2.07 EXCEPTIONS

Any requested exceptions, deviations, or contingencies a Bidder may have to the Terms & Conditions must be documented in Bidder's submission. Exceptions to the Base Specifications at the time of the bid submission shall reference the item number, make and model. FSA CPP has the discretion to grant or deny, in whole or in part, the Bidder's requested exception, deviation or contingency to the specifications or Terms & Conditions. Bidder acknowledges that the bid may be disqualified if FSA CPP rejects the proposed exceptions.

2.08 EQUIVALENTS

Prior to the opening of the Bid System, Bidders may request item equivalents. The Bidder must submit the manufacturer name and model number (or product identifier) of each equivalent requested to FSA CPP. Complete,

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descriptive, technical literature should demonstrate that the equivalent conforms with specification. If a bid uses equivalents without prior approval, the bid may be disqualified.

2.09 MANDATORY PRE-BID MEETING

Prospective Bidders are required to attend or participate in the mandatory Pre-Bid Meeting. The Pre-Bid Meeting is designed for vendors, the Fleet Advisory Committee and the FSA CPP to clarify questions on the Terms & Conditions and to confirm all Base Item specifications. Questions relating to the items, specifications, the bid process, or award can be asked at the Pre-Bid Meeting. Bidders have the opportunity to suggest technical modifications or corrections before the Base Item specifications are finalized.

FSA CPP reserves the right to grant attendance exceptions to the mandatory meeting if the Bidder has requested authorization, agrees in writing to meet all the Terms & Conditions without exception and further waives their right to protest the bid process in its entirety or any portion thereof.

2.10 PRICES QUOTED – HEAVY TRUCKS AND BUSES AND EQUIPMENT INVITATIONS TO BID

Items and options should reflect the most complete price and be below MSRP and at a minimum should cover the cost of the item or option bid.

Prices quoted in the bid submission should reflect the final amount the Bidder can expect to receive for payment for the items bid for the duration of the contract, unless otherwise provided in the contract. 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 item, make, and model must be priced and bid separately. Prices must be inclusive of all the components included in the Base Specification.

Prices bid must include the administrative fee FSA CPP charges to administer the contract, as outlined in these Terms & Conditions. The administrative fee is three quarters of one percent (.0075).

Prices bid must be at least cost, be Free On Board (FOB) destination, and must include delivery to the purchaser.

Upon award, the Vendor has the authority to offer additional discounts based on prompt payment, quantity, as well as additional manufacturer or vendor discounts.

2.11 PRICES QUOTED – PURSUIT, ADMINISTRATIVE AND OTHER VEHICLES INVITATION TO BID

Due to the changing market conditions, the FSA CPP has temporarily moved to a percent above cost, or “cost-plus”, model for the Pursuit, Administrative and Other Vehicles Contract. The cost-plus model allows for Vendors to sell items immediately when order windows open up for next year’s model, when the manufacturer changes price during the contract term, or when new items come to market.

Bidders shall provide a Bid Price and a Percent for each item bid. The Bid Price will be used to evaluate the lowest, responsive and responsible Bidder for each item and zone. The Percent will be used under an awarded contract to determine the cost-plus pricing for new year’s models, when the manufacturer changes price during the contract

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term, or when new items come to market. The FSA CPP will use the percent feature of the Bid System as the field to capture the percent above cost that the Vendor can expect to receive from the purchaser for the purchase of an awarded item.

The FSA CPP has the discretion to disqualify Bidders if the proposed Percent is excessive. In order to determine if Percent is excessive, FSA will compare the Percents proposed by Bidders for each item in each zone.

Prices and Percents bid for items and options should reflect the most complete item price, be below MSRP, and at a minimum should at least cover the cost of the item or option bid.

Prices and Percents bid must be at least "Item Cost", be Free On Board (FOB) destination, and must include delivery to the purchaser.

As used in this provision, "Item Cost" is defined as the factory invoice price for the item, the Original Equipment Manufacturer (OEM) destination and delivery to dealer, and the FSA Administrative fee, minus the OEM government pricing concessions specific to this bid, all manufacturer incentives, discounts, rebates, concessions and holdbacks.

As used in this provision, "Total Cost" is defined as the Item Cost, plus costs of dealer's floorplan estimated operational expense, and costs of dealer for preparation, cleaning, and assembling, gas, and delivery to zone.

As used in this provision, "Bid Price" is defined as the Total Cost and profit.

As used in this provision, "Percent" is defined as the markup over Item Cost.

Bid Prices will be used as the initial published pricing for awarded items. As windows open up for next year's model, the manufacturer changes price during the contract term, or as new items come to market, FSA CPP will work with Vendors to update the published pricing for such items based on the awarded Percent, within a reasonable period of time. Vendors may accept Purchase Orders for such items in accordance with these Terms & Conditions before submitting updated published pricing to FSA CPP.

2.12 PURSUIT, ADMINISTRATIVE, AND OTHER VEHICLES CONTRACT COST-PLUS-PERCENT PRICING

Due to the changing market conditions, the FSA CPP has temporarily moved to a percent above cost, or "cost-plus", model for the Pursuit, Administrative and Other Vehicles Contract. The cost-plus model allows for Vendors to sell items immediately when order windows open up for next year's model, when the manufacturer changes price during the contract term, or when new items come to market.

The Bid System provides each Vendors' percent above cost at which the Vendor will sell such items. The Percent provided in the Bid System does not provide a percent discount for items bid.

If Vendor fulfills a Purchase Order at other than published pricing, at purchasers' request, Vendor must provide documentation substantiating the Item Cost, as defined in section 2.11.

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2.13 OPTION PRICING – EQUIPMENT INVITATION TO BID

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 CPP 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. Options may only provide a downgrade to a manufacturer's model when specifically requested in a Purchase Order issued in accordance with the Terms & Conditions by a purchaser. Bidders shall NOT use options to create equipment that is entirely different than the FSA CPP Base Specification or are available as another specification bid on this Invitation to Bid.

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 CPP has the discretion to disqualify Bidders if the option pricing is excessive or if options listed are not available for the item bid. In order to determine if pricing is excessive, Bidders agree to provide documentation to FSA CPP to verify cost at any time during the solicitation process or during the contract term. This information is for comparison purposes only when determining if pricing is excessive and will not be published.

Option pricing will include all costs of labor associated with the option and cost of labor should not be listed separately within the bid. For purposes of this bid, Emergency Lights and Sirens will require a separate pricing sheet upload in the Bid System. 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 3.21 for additional details. Government imposed fees should not be included in this option pricing.

No other additional charges or fees are admissible.

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 CPP.

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

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the Invitation to Bid. 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.

The options will correspond to the specification or item number. Multiple options may be listed for 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 CPP 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 CPP 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.

Loose Equipment can be bid as an option and made available to purchasers for items originally purchased from this contract. For purposes of this provision, "Loose Equipment" is any item of equipment that attaches to the heavy equipment item(s) included in the awarded bid, such as different sized blades. Loose Equipment does not include accessories, such as additional keys.

2.14 OPTION PRICING – HEAVY TRUCKS AND BUSES AND PURSUIT, ADMINISTRATIVE AND OTHER VEHICLES INVITATIONS TO BID

FSA CPP requests Bidders include most frequently purchased options in the Bid System. Option pricing must include the administrative fee. Bidders must provide a price for each option in addition to a percent below MSRP for factory-installed options or a percent above cost for other options.

The FSA CPP has the discretion to disqualify Bidders if the option pricing is excessive. In order to determine if pricing is excessive, Bidders agree to provide documentation to FSA CPP to verify cost at any time during the solicitation process or during the contract term. This information is for comparison purposes and will not be published.

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. Options may only provide a downgrade to a manufacturer's model when specifically requested in a Purchase Order issued in accordance with the Terms & Conditions by a purchaser. Bidders shall NOT use options to create an item that is available as another item bid on this Invitation to Bid. The use of options to facilitate the sale of an alternate manufacturer's product which is outside the scope of the Base Specification will be determined nonresponsive and the bid will be rejected in whole or part by the FSA CPP. Bidders must disclose which options require the purchase of other options or are dependent on another option in their bid submission. Option pricing will include all costs of labor associated with the option and cost of labor should not be listed separately.

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

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package options are permitted under this contract. Factory package options included in the bid submission must detail what components the package includes.

If a Bidder will offer registration and title services as a fee for service, government-imposed fees should be listed at the exact cost and shall not include the FSA administrative fee.

If the Bidder wishes to offer credit to the purchaser for an option that is standard on the FSA CPP Base Specification, the Bidder should include the word "Credit" at the beginning of the description field and continue to describe the option being credited. For example, "Credit: one key fob" and enter the price the Bidder will credit the purchaser.

For purposes of this bid, Emergency Lights and Sirens will require a separate pricing sheet and option upload in the Bid System. Section 2.15 contains specific instructions and exceptions for Emergency Lights and Sirens.

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 departments 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 only use installers that possess a current Emergency Vehicle Technician Certification, or an approved equivalent. FSA CPP may request certificates for a Vendor's installers at any time during the contract term. Labor may be charged for the installation of emergency lights and sirens. Labor rates must be disclosed as part of the bid submission. Bidders may not charge for labor for vehicles that are manufactured with emergency lights and sirens, including motorcycles. Prices submitted for emergency lights and sirens shall include all applicable government-imposed fees.

Bidders that 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 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.

Bid Submission of Emergency Lights and Sirens

If offering emergency lights and sirens, Bidders will be asked to provide pricing by submitting a pricing sheet. An emergency vehicle lights and siren option pricing template is offered in the Bid System. Bidders are encouraged, but not required to use the template. If item or specification group is helpful to display light and siren options, Bidders may categorize the pricing sheet by item group.

Items listed below are required for the submission of the pricing sheet:

- Order code
- Description
- Price (part only)

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- Estimated labor hours
- Labor cost per hour

2.16 BID SUBMISSION

Bidders must submit a bid electronically using the Bid System. Bid submissions include a price for each item and option bid in accordance with Section 2.10, 2.11, 2.13, 2.14, and 2.15. Each Bidder must submit a qualifications package for each bid. The bid must be received by the date and time specified on the Bid Calendar in Appendix B. Failure to meet all submission requirements by the date indicated on the Bid Calendar will result in rejection of the bid.

Bid System: VendorLink

The Bid System is located at <https://www.myvendorlink.com>. Bidders are encouraged to participate in training provided. Usernames and passwords will be issued to Bidders after registering in the Bid System. Contact VendorLink at support@evendorlink.com if technical issues arise during bid submission.

Prices are to be rounded to the nearest whole dollar. If a Bidder submits bid pricing using cents, the following formula will be applied to round the bid pricing to the nearest whole dollar: \$.01-.49 will be rounded down to the dollar bid (e.g., \$50.49 = \$50) and \$.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:

- For the Heavy Trucks and Buses Invitation to Bid, insert a:
 - Price for each item bid by zone
- For the Pursuit, Administrative and Other Vehicles Invitation to Bid, insert a:
 - Bid Price for each item bid by zone, as defined in Section 2.11
 - Percent for each item bid by zone, as defined in Section 2.11
- For the Equipment Invitation to Bid, insert a:
 - Price for each item by zone
- Upload files as instructed in the Bid System; files requested will be in Excel or .pdf.
- Follow all instructions outlined in this Invitation to Bid and provide all requested information.

The bid shall include the following documents:

- Executed Qualifications Packet.
- Build sheet for each item bid as a single .pdf
- Pricing Sheet for Emergency Vehicle Lights and Sirens, if applicable.
- Any requested exceptions or equivalents.

Option Upload

An option sheet should be submitted for each item bid. The Bid System will accept option information for each item through a .pdf file upload. Each option sheet should include a header to identify the FSA CPP contract title and number, the Bidder name, item number, make and model. Each option sheet should include:

- Option
- Description
- Manufacturer order code or identifying code
- Price

For the Heavy Trucks and Buses and Pursuit, Administrative, and Other Vehicles Invitations to Bid, the option sheet should also include:

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- Cost plus percent for all items not installed at the factory
- Percent below MSRP for factory installed options

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

2.17 ZONE BIDDING

Bidders may bid in one or more geographic zones. Bidders must submit pricing for each zone they wish to be evaluated. The zone map is included in Appendix A. The geographic zones are in place to assist Bidders in estimating costs of delivery, which must be included in the price bid and quoted to the purchaser. For the Pursuit, Administrative and Other Vehicles Contract, the cost of delivery must be included in the Percent.

2.18 EXECUTION OF BID

By submitting a response to this Invitation to Bid, the Bidder agrees to the Terms & Conditions and to be bound by such Terms & Conditions if selected for award. The Bidder must submit the Contract Signature Form with the signature of an authorized representative no later than the bid submittal due date. All Terms & Conditions are applicable throughout the term of the awarded contract and are not specific to any given year, make or model.

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 of the bid submission 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 must withdraw the bid, the Bidder must contact FSA CPP 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 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 may occur at the Florida Sheriffs Association, 2617 Mahan Drive, Tallahassee, Florida, or may be offered online.

FSA CPP will provide a bid inspection period for Bidders following the bid opening. The date, time and duration will be announced prior to the bid opening.

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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 Invitation to Bid. As set forth in Section 2.26, FSA CPP reserves the right to waive or allow a Bidder to correct minor irregularities.

2.23 RESPONSIBLE BIDDER CRITERIA

Bids will be evaluated to determine if qualifications 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. The FSA CPP will not request documentation or consider a Bidder's social, political or ideological interests in determining if the Bidder is a responsible bidder. FSA CPP will not give preference to a Bidder based on the Bidder's social, political, or ideological interests.

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-responsive. 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 on previous FSA contracts; and
- Any other information relevant to the responsibility of a Bidder of which FSA CPP is aware.

In addition to the requirements set forth by these Terms & Conditions, FSA CPP reserves the right to request staffing, performance and financial information from any Bidder during the evaluation process.

FSA CPP reserves the right to determine which responses meet the requirements, specifications, Terms & Conditions of the solicitation, and which Bidders are responsive and responsible.

FSA CPP further reserves the right to limit participation of Bidders who, in FSA CPP'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 non-responsive.

2.24 BASIS FOR AWARD

For the Heavy Trucks and Buses, and Equipment Invitations to Bid, the FSA CPP shall make awards to the qualified, responsive and responsible Bidder(s) who submitted the lowest priced bid by item, manufacturer, and zone. Awards may also be made to subsequent lowest responsive and responsible Bidders by item, manufacturer, and zone, when determined to be in the best interest of the FSA and the purchaser(s). FSA CPP has the discretion to consider option pricing in making the award and to disqualify Bidders for proposing excessive option pricing.

For the Pursuit, Administrative and Other Vehicles Invitation to Bid, the FSA CPP shall make award to the qualified, responsive and responsible Bidder(s) who submitted the lowest Bid Price by item, manufacturer, and zone. Awards may also be made to subsequent lowest responsive and responsible Bidders by item, manufacturer, and zone, when determined to be in the best interest of the FSA and the purchaser(s). FSA CPP has the discretion to consider Percent and option pricing in making the award and to disqualify bidders for proposing excessive Percent(s) or option pricing.

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Awards will not be given to any parties listed on the government wide exclusion in the System for Award Management.

FSA CPP 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. FSA CPP reserves the right to make multiple awards for each item, if determined to be in the best interest of the FSA and the purchasers.

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

2.25 BID TABULATIONS

The Bid Tabulation report will be posted on the FSA CPP website after the bid submission closes.

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

2.26 MINOR IRREGULARITIES/RIGHT TO REJECT

The FSA CPP 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 CPP 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 & 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 CPP may allow a Bidder to correct minor irregularities but is under no obligation to do so. In doing so, the FSA CPP may request a Bidder to provide clarifying information or additional materials to correct the irregularity. However, the FSA CPP will not request, and a Bidder may not provide the FSA CPP 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 CPP may also reject any bids not submitted in the manner specified in this document.

2.27 CONE OF SILENCE

This Invitation to Bid is subject to the Cone of Silence that begins the date the bid submission opens through the intent to award date 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 Bid System, or communications initiated by the FSA CPP. All permitted communications during this period shall be made in writing to the contacts identified in Section 1.01 of this Invitation to Bid.

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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 CPP and the awarded Vendor. The Terms & Conditions apply to all items purchased from this contract.

3.02 STATEMENT OF AUTHORITY

Each person signing the contract warrants that they are duly authorized to do so and binds the respective party to the contract.

3.03 VENDOR CONTACT INFORMATION

The Vendor shall maintain current contact information with FSA CPP at all times for sales and submission of purchase orders, quarterly reports and administrative fee payments. If a change occurs during the contract, the Vendor must notify FSA CPP immediately.

3.04 ADDITIONS OR DELETIONS

FSA CPP 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 purchasers, 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 or manufacturer performance, or the product's lack of relevance.

For items that come to market during the contract term, FSA CPP may authorize qualified and awarded Vendors to offer the new item under the existing contract terms and conditions, if the manufacturer authorizes a Vendor to sell the item. FSA CPP will request awarded Vendors submit pricing and will evaluate the responses prior to authorizing awarded Vendors to offer the new item.

3.05 CONTRACT EXTENSION

Contract Extension

The contract may be extended by mutual agreement for up to two (2) additional years, on a year-to-year basis. FSA CPP reserves the right to execute a contract extension or to allow the contract to fully or partially terminate and readvertise for bids, whichever is in the best interest of FSA.

The Vendor may request price adjustments for contract extensions as provided for herein. If no request is received from the Vendor, the FSA CPP will assume that the Vendor has agreed that the optional term may be exercised without a price adjustment. Any adjustment request received after the execution of an extension may not be considered unless otherwise provided for in this contract.

Month-to-Month Continuation

In the event a new contract is not active at the time of this contract's expiration, this contract's terms and conditions shall extend on a month-to-month basis and shall not constitute an implied extension of the contract. Such a month-to-month continuation shall be upon the compensation and payment provided herein.

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3.06 PRICE ADJUSTMENT

In addition to the cost-plus-percent pricing adjustments available for the Pursuit, Administrative, and Other Vehicles contract, the Terms & Conditions provide the following options for price adjustments:

- Annual Price Adjustments
- Changes to Manufacturer Production or Design
- Manufacturer Certified Adjustments
- Equitable Adjustments

Price adjustment requests must clearly substantiate a need to increase or decrease the price. Price adjustments will not be considered if Vendors are delinquent on administrative fee payments or have outstanding quarterly reports.

Annual Price Adjustment

The FSA CPP may consider annual price adjustments due to:

- Changes in the Producer Price Index (PPI) as published by the U.S. Department of Labor, Bureau of Labor Statistics (BLS); or
- As a result of changes to national or state standards that require substantial price adjustments.

FSA CPP may consider other documentation related to the change to national or state standards but is not obligated to grant price changes without literature from the manufacturer. The FSA CPP will consider the request and will make a final determination on the change in price.

Changes to Manufacturer Production or Design

Significant changes by the manufacturer to the production of and specification design may initiate a price adjustment request. FSA CPP will consider order dates, production factors, model year, or other conditions, as well as the replacement or complete redesign of items. Vendors must provide documentation from the manufacturer.

Manufacturer Certified Adjustments

Vendors must provide documentation from the manufacturer to FSA CPP that shows the additional costs or price adjustments imposed by the manufacturer and substantiate the need for a related price adjustment for this contract.

Equitable Adjustments

The FSA CPP 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 contract shall be the most current model offered.

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3.08 PRODUCTION CUTOFF

Vendors shall notify the FSA CPP 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. 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. 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 items, FSA CPP may consider substitutions from the same manufacturer.

3.09 FACILITIES

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

3.10 PURSUIT 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. At the time of the bid there were two nationally recognized authorities:

[State of Michigan, Vehicle Test Team of the Michigan State Police \(MSP\) Precision Driving Unit](#)

[Los Angeles County Sheriff's Department Law Enforcement Vehicle Test and Evaluation Program Vehicles:](#)

3.11 SPECIAL SERVICE VEHICLES

Vehicles in this category have been reviewed by one or more of the nationally recognized authorities on pursuit 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 manufacturers published information for detailed information regarding these vehicles.

3.12 CAB AND CHASSIS PURCHASES

Vendors performing upfitting of cab and chassis should be licensed and certified to perform such work. Vendors are responsible for tag and title work if the chassis is completed by the Vendor or the Vendor's contracted third-party supplier. The requirements of Florida Statute 319.21 related to the manufacturer statement of origin apply to cab and chassis purchases.

Cab and chassis may be purchased from the Vendor without any required additional upfitting by the Vendor. Vendors are not responsible for tag and title if an incomplete chassis is requested and sold to the purchaser.

3.13 FACTORY-INSTALLED OPTIONS

All options specified as factory-installed are to be installed on the item at the primary site of assembly and are to

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be the manufacturer's standard assembly-line product. Aftermarket and vendor-installed equipment will not be accepted as factory-installed. Vendors found supplying aftermarket or vendor-installed equipment where factory-installed are specified shall be required to retrieve all delivered items and supply new items meeting the specifications.

All factory-ordered options are to be original equipment manufacturer (OEM) and installed at the primary site of assembly unless otherwise noted by the Vendor and acknowledged in writing by the purchaser. Verbal agreements will not be recognized.

3.14 VENDOR-INSTALLED OPTIONS

All vendor-installed accessories, equipment, or options shall be installed according to the manufacturer's specifications. All vendor-installed options must be manufactured by an established manufacturer of the product provided. Vendors are required to disclose make and model of product being offered, 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 accessory, equipment or option that is less than or exceeds the factory or equipment warranty coverage. Any Vendor that violates this provision will be considered in default of the contract. FSA CPP may terminate the contract in accordance with these terms & conditions.

3.15 NON-SCHEDULED OPTIONS

A non-scheduled option is an option not listed on the FSA CPP published award. Vendors may provide non-scheduled options at less than MSRP or the Published List Price. Non-scheduled options should be identified and listed as a separate line item with the price and discount on the purchase order. Non-scheduled options are covered under these terms and conditions.

3.16 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.

3.17 PURCHASE ORDERS

To initiate a purchase, a purchase order must be issued to the Vendor, which includes:

- FSA CPP contract title and number;
- FSA CPP item number, and the make and model or item description; and
- Purchaser name, phone number and email address.

The Vendor's acceptance of a purchaser's order will indicate that the Vendor agrees to deliver an awarded item that will be fully compatible with all of its options. Production schedules and delivery dates should be discussed 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. 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. Any changes that are required to bring an item into compliance with the various options due to an incorrect order will be accomplished at the Vendor's expense.

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A Confirmation of Order form shall be completed by the Vendor and provided to the purchaser and FSA CPP fifteen (15) calendar days from receipt of purchase order without request by the purchaser. Any additional information needed to complete this form should be obtained by the Vendor from the purchaser.

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 awarded items outside of an awarded zone may upon mutual agreement between the Vendor and the purchaser charge a delivery fee.

If a Vendor receives a purchase order for an item 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.

The Vendor must submit electronic copies of Purchase Orders within fifteen (15) calendar days of the Purchase Order issue date. Emails shall be sent to coop@flsheriffs.org. Purchase orders received by the Vendor after this deadline must be submitted to FSA CPP as soon as possible with the date received by the Vendor and cause for the delay. Purchase Orders should contain the following required information:

- Purchaser name,
- Purchase order number,
- Purchase order issue date,
- FSA CPP contract title and number,
- Item number,
- Item make and model, or item description,
- Item price,
- Options by item, and
- Estimated delivery date.

Purchase orders vary in format and information provided. If a purchase order does not include the required information, the Vendor must submit supplemental documentation to FSA CPP at the same time the purchase order is due. Such information may be in bid quotes, equipment proposals, confirmation of orders, or other documents. If a purchaser does not use purchase orders, written communication from the purchaser to the Vendor will be provided to FSA CPP.

3.18 REGISTRATION, TAG, AND TITLE

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

3.19 DELIVERY

Vendors are to inspect the item to confirm the item meets or exceeds the FSA CPP Base Specification, manufacturer specification, and purchase order. Deliveries not complying with these requirements may be rejected and will have to be redelivered at Vendor's expense.

Delivery shall be within the normal working hours of the user, Monday through Friday, excluding holidays. Delivery schedules shall be agreed to by the purchaser and the Vendor. 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

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delivery details. The Vendor shall be responsible for delivering items that are properly serviced, clean and in first class operating condition. Items shall be delivered with each of the following documents completed or included:

1. Copy of the Purchase Order.
2. Copy of the FSA CPP Base Specification.
3. Copy of manufacturer's Invoice, price sheet, build sheet or other documentation that verifies what components are included on the item being delivered
4. Copy of the pre-delivery service report
5. Registration warranty certification
6. Owner's manual
7. Registration, tag and title or an application for the registration, as applicable

All items 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 items that have more than thirty-five (35) gallons, a minimum of one eighth (1/8) of a tank of fuel must be provided. All electric vehicles must be delivered with a minimum charge level of 10 percent. 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. 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 pursuit-rated vehicle must use an "OUT OF SERVICE" cover on light bars. Deliveries in excess of 350 miles shall be made by transport, or otherwise approved by the purchaser, however, this requirement shall not apply to incomplete chassis.

Items with hour meters must be delivered with fewer than five (5) hours on the hour meter or may be rejected by the purchaser. The purchaser may choose to negotiate a lower purchase price when the item exceeds five (5) hours.

When items 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 item is redelivered or repaired. The cost of any transportation required to address the defect shall be the responsibility of the Vendor until the items are satisfactory and accepted by the purchaser.

3.20 INSPECTION AND ACCEPTANCE

Final acceptance shall be given only after the purchaser inspects or confirms the item meets contract specifications. Delivery of an item to a purchaser does not constitute acceptance for the purpose of payment. Inspection and acceptance will be at the purchaser's destination unless otherwise previously agreed upon location was provided in the purchase order. Should the delivered items differ in any respect from the Base Item specifications, payment can be withheld until such time as the Vendor completes the necessary corrective action.

3.21 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. The Vendor shall be paid upon submission of invoices to the purchaser after satisfactory delivery and acceptance of the items. While the Local Government Prompt Payment

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Act applies to ensure timely payment of Vendor invoices, the FSA CPP encourages purchasers to make payment within 30 days of acceptance of the item. The Local Government Prompt Payment Act is defined in Sections 218.70–218.79 of Florida Statutes.

3.22 WARRANTY

All warranties shall begin at the time of delivery and final acceptance by the purchaser. The purchaser’s warranty should not be active for incomplete items and items delivered to a third-party supplier before final delivery.

3.23 QUARTERLY REPORTS

Quarterly reports are the contractual responsibility of each Vendor. Quarterly reports must be completed and submitted electronically. All quarterly reports shall be sent to reports@flsheriffs.org. The quarterly report template shall be submitted using an Excel workbook provided by FSA CPP. Quarterly reports which do not adhere to the required format 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.

Quarterly reports are due no later than the 15th day of the month following the end of the quarter. Quarterly reports shall follow the schedule below for the duration of the contract. If a contract extension is executed, the quarterly reports will maintain the same schedule for future reporting periods.

Contract Year: October 1, 2022 – September 30, 2023

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

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 CPP 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 CPP will provide written notice to all Vendors of the method by which future quarterly reports are to be submitted.

3.24 ADMINISTRATIVE FEE

The FSA CPP charges three quarters of one percent (.0075) to procure, process and administer the contract. The administrative fees are the contractual responsibility of each awarded Vendor.

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

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The administrative fee will remain payable to FSA CPP 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 administrative fee should never be listed as a separate line item on any purchase order or invoice.

The administrative fee is based on the total purchase order amount of new items. 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 ACH form for electronic payment or wiring of funds is included in Appendix C. It is the preference of FSA CPP that all payments be electronically paid and submitted. If ACH is not available, checks for the administrative fee can be sent to:

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

3.25 LIQUIDATED DAMAGES

The Vendor warrants that the item supplied to the 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 to FSA CPP within 15 calendar days following the end of each quarter may 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.

If a civil action is initiated by the FSA to recover administrative fees or liquidated damages as set forth in this section, the prevailing party shall be entitled to its reasonable attorneys' fees and costs incurred in the litigation. The 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 CPP, 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 the Terms & Conditions.

Schedule of Liquidated Damages

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

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Vendor agrees and acknowledges that its failure to take any of the actions specified in the above schedule will result in liquidated damages to this contract. Vendor agrees and acknowledges that these liquidated damages are not intended to be and do not constitute a penalty 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: Zone Map

FSA CONTRACT ZONE MAP



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Appendix B. Bid Calendar

FSA23-VEL31.0	
Bid Calendar Task	Date
Invitation to Bid Announcement (ITB)	5/1/2023 & 5/15/2023
Voluntary Interested Bidder Workshop	6/13/2023
New Item Specification Requests Due	6/23/2023
Pre Bid Meeting	7/11/2023
Request for Clarifications Due to FSA	7/18/2023
FSA VendorLink Bidder Training	7/24/2023
Bid System Open	7/25/2023
Cone of Silence	7/25/2023 - 9/11/2023
Bid Submissions Due	8/30/2023
Public Bid Opening	9/1/2023
Bid Tabulations Posted	9/1/2023
Bid Evaluation	9/5/2023 - 9/8/2023
Intent To Award	9/11/2023
Final Award & Effective Date of New Contract	10/1/2023

FSA23-VEH21.0	
Bid Calendar Task	Date
Invitation to Bid Announcement (ITB)	5/1/2023 & 5/15/2023
Voluntary Interested Bidder Workshop	6/14/2023
New Item Specification Requests Due	6/23/2023
Pre Bid Meeting	7/12/2023
Request for Clarifications Due to FSA	7/18/2023
FSA VendorLink Bidder Training	7/24/2023
Bid System Open	7/25/2023
Cone of Silence	7/25/2023 - 9/11/2023
Bid Submissions Due	8/30/2023
Public Bid Opening	9/1/2023
Bid Tabulations Posted	9/1/2023
Bid Evaluation	9/5/2023 - 9/8/2023
Intent To Award	9/11/2023
Final Award & Effective Date of New Contract	10/1/2023

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FSA23-EQU21.0	
Bid Calendar Task	Date
Invitation to Bid Announcement (ITB)	5/1/2023 & 5/15/2023
Voluntary Interested Bidder Workshop	6/7&8/2023
New Item Specification Requests Due	6/23/2023
Pre Bid Meeting	7/13/2023
Request for Clarifications Due to FSA	7/18/2023
FSA VendorLink Bidder Training	7/24/2023
Bid System Open	7/25/2023
Cone of Silence	7/25/2023 - 9/11/2023
Bid Submissions Due	8/30/2023
Public Bid Opening	9/1/2023
Bid Tabulations Posted	9/1/2023
Bid Evaluation	9/5/2023 - 9/8/2023
Intent To Award	9/11/2023
Final Award & Effective Date of New Contract	10/1/2023

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Appendix C: ACH Payments



TO: All Customers of the Florida Sheriffs Association

SUBJECT: Florida Sheriffs Association is going paperless!

Our association is pleased to announce the implementation of accepting electronic payments from customers. If your agency or company is able to pay via ACH, please consider adding the Florida Sheriffs Association to your list of vendors paid via electronic payment.

Florida Sheriffs Association's banking information is as follows:

Checking Account:

Capital City Bank

Routing Number: 063100688

Account Number: 0010867001

Please email any payment remittance information to accounts@fsheriffs.org.

If you choose to make ACH payments to the association, there is no additional charge. However, the information above can be used to pay with a wire transfer. If you choose to pay via wire, there is a charge of \$25 per wire that you will need to add to your payment.

If you have any questions at all, please contact Trish Eldridge at trish@fsheriffs.org or call (850) 559-5668.

Sincerely,

Trish Eldridge

Director of Accounting and Finance
Florida Sheriffs Association

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Appendix D: Federal Clauses

Applicability of Third-Party Contract Provisions*

(Excluding micro-purchases, except Davis-Bacon requirements apply to construction contracts exceeding \$2,000.)

In addition to other provisions negotiated with purchasers placing federally funded purchase orders, Vendors must comply with the following provisions upon award of a federally funded purchase order:

PROVISION	Professional Services/A&E	Operations/ Management	Construction	Materials & Supplies
Equal Employment Opportunity			All	
Davis-Bacon Act			>\$2,000	
Copeland "Anti-Kickback" Act			>\$2,000	
Contract Work Hours and Safety Standards Act	>\$100,000	>\$100,000	>\$100,000	>\$100,000
Rights to Inventions Made Under a Contract or Agreement	If the purchase order involves performance of experimental, developmental or research work	If the purchase order involves performance of experimental, developmental or research work	If the purchase order involves performance of experimental, developmental or research work	If the purchase order involves performance of experimental, developmental or research work
Clean Air Act	>\$150,000	>\$150,000	>\$150,000	>\$150,000
Federal Water Pollution Control Act	>\$150,000	>\$150,000	>\$150,000	>\$150,000
Debarment and Suspension	All	All	All	All
Byrd Anti-Lobbying Amendment	>\$100,000	>\$100,000	>\$100,000	>\$100,000
Procurement of Recovered Materials	All	All	All	All
Prohibition on Certain Telecommunications and Video Surveillance Services or Equipment	All	All	All	All
Domestic Preferences for Procurements	All	All	All	All

*References to the code of regulations (CFR) or United States Code (USC) were accurate at the time of publication. It is the responsibility of the Bidder to ensure compliance is met of the referenced state and federal laws within the published rules.

EQUAL EMPLOYMENT OPPORTUNITY: Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor." The clause set forth in 41 CFR 60-1.4(b) is incorporated herein by reference. Vendor must comply with this clause and include this clause in all lower-tier federal assisted construction contracts.

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DAVIS-BACON ACT, as amended (40 U.S.C. 3141-3148): When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland "Anti-Kickback" Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. Vendors performing construction must comply with all applicable provisions of the Davis-Bacon Act and include this clause in all lower-tier subcontracts for construction.

CONTRACT WORK HOURS AND SAFETY STANDARDS ACT (40 U.S.C., chapter 37): Vendor shall comply with Sections 102 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C., chapter 37), as supplemented by Department of Labor regulations (29 CFR part 5).

(a) Overtime requirements. Neither Vendor nor any contractor or subcontractor contracting for any part of the purchase order work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(b) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in Paragraph 15(a), Vendor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, Vendor or such subcontractor shall be liable to the United States (in the case of work done under the Contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in Paragraph 15(a), in the sum of \$29 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in Paragraph 15(a) of this section.

(c) Withholding for unpaid wages and liquidated damages. Purchaser shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by Vendor or a subcontractor under the purchase order or any other Federal contract with Purchaser, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by Purchaser, such sums as may be determined to be necessary to satisfy any liabilities of Vendor or its subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in Paragraph (a).

(d) Subcontracts. Vendor shall insert in any subcontracts over \$100,000 for construction and other purposes that involve the employment of mechanics or laborers, the clauses set forth in Paragraphs (a) through (d) and also a clause requiring the subcontractors to include these clauses in any lower-tier subcontracts.

RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT: If the Federal award meets the definition of "funding agreement" under 37 CFR § 401.2 (a) and the recipient or subrecipient wishes to enter into a contract with

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a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency. Vendor shall comply with these requirements when performing a purchase order involving experimental, developmental or research work and flowdown this clause to lower-tier subcontractors performing such work.

CLEAN AIR ACT (42 U.S.C. 7401 *et seq.*) and the FEDERAL WATER POLLUTION CONTROL ACT (33 U.S.C. 1251 *et seq.*), as amended: Vendor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401 *et seq.*) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251 *et seq.*). Violations shall be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA). Vendor shall comply with the requirements of Clean Air Act and the Federal Water Pollution Control Act and include this clause in all lower-tier subcontracts with a value over \$150,000.

DEBARMENT AND SUSPENSION (E.O.s 12549 and 12689): By accepting or performing this purchase order, Vendor certifies that it is not identified in the Exclusions area of the System for Award Management as being currently debarred, suspended, proposed for debarment, or otherwise excluded ("SAM Exclusion"). Vendor shall obtain similar certifications from its lower-tier subcontractors for each subcontract in excess of \$25,000 and Vendor shall not award lower-tier subcontracts in excess of \$25,000 to an entity subject to a SAM Exclusion.

LOBBYING RESTRICTIONS (31 U.S.C. 1352): By accepting or performing this purchase order, Vendor certifies that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Vendor shall also disclose to Purchaser any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award or contract. Vendor shall flow down this clause and require this certification for lower-tier subcontractors with a subcontract of \$100,000 or more. Vendor shall provide its disclosure and all disclosures received from lower-tier subcontractors to Purchaser.

PROCUREMENT OF RECOVERED MATERIALS: A non-Federal entity that is a state agency or agency of a political subdivision of a state and its contractors must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines. Vendor shall comply with this clause and include this clause in all lower-tier subcontracts.

PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT:

(a) Recipients and subrecipients are prohibited from obligating or expending loan or grant funds to:

- (1) Procure or obtain;
- (2) Extend or renew a contract to procure or obtain; or
- (3) Enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in Public Law 115-232, section 889, covered telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).

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- (i) For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).
- (ii) Telecommunications or video surveillance services provided by such entities or using such equipment.
- (iii) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

(b) In implementing the prohibition under Public Law 115-232, section 889, subsection (f), paragraph (1), heads of executive agencies administering loan, grant, or subsidy programs shall prioritize available funding and technical support to assist affected businesses, institutions and organizations as is reasonably necessary for those affected entities to transition from covered communications equipment and services, to procure replacement equipment and services, and to ensure that communications service to users and customers is sustained.

(c) See Public Law 115-232, section 889 for additional information.

DOMESTIC PREFERENCES FOR PROCUREMENTS:

(a) As appropriate and to the extent consistent with law, the non-Federal entity should, to the greatest extent practicable under a Federal award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). Vendor agrees to comply with the requirements of this clause and include the requirements of this clause in all subawards including all contracts and purchase orders for work or products under this award.

(b) For purposes of this section:

- (1) "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
- (2) "Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

FSA Cooperative Purchasing Program



FSA23-EQU21.1: Equipment Base Specifications



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Item Groups Summary

All bid items shall be built to FSA base specifications for the item or model number indicated and shall include all standard manufacturer equipment unless otherwise specified. When requested by the purchaser, vendors must submit detailed specifications for the item and options offered.

- All Terrain & Utility Vehicles: All Terrain Vehicles (Quad)
- All Terrain & Utility Vehicles: Utility Vehicles (Side-by-Side)
- All Terrain & Utility Vehicles: Electric Utility Vehicles (Side-by-Side)
- Boat: Aquatic Weed Cutter Workboat
- Bulldozer: 180hp
- Bulldozer: 70hp
- Bulldozer: 90hp
- Chipper: Brush Chipper
- Compactor: 80,000 lbs. Landfill Compactor
- Compressor: Air Compressor - Trailer Mounted
- Dump Truck: Articulating Off Road Dump Truck - 50,000 lbs. Payload
- Excavator: All Terrain Walking Excavator
- Excavator: Hydraulic Excavator - 15,590 lbs. Operating Weight
- Excavator: Hydraulic Excavator - 38,000 lbs. Operating Weight
- Excavator: Hydraulic Excavator - 76,550 lbs. Operating Weight
- Excavator: Mini Hydraulic Excavator - 7,105 lbs. Operating Weight
- Excavator: Telescopic Excavator - 45,000 lbs. Operating Weight - Tracked Type
- Excavator: Telescopic Excavator - 47,000 lbs. Operating Weight - 6x6 Wheeled Type
- Excavator: Vacuum Excavator - Trailer Mounted
- Excavator: Wheeled Hydraulic Excavator - 42,000 lbs. Operating Weight
- Forklift: Cushion Tire - 4,000 lbs. Capacity
- Forklift: Rough Terrain Forklift - 5,000 lbs. Minimum Capacity*
- Forklift: Telescopic Tool Carrier/Telehandler
- Generator: 60kW Stationary*
- Generator: 125kW Stationary
- Generator: 150kW Mobile
- Generator: 500kW Mobile
- Generator: 500kW Stationary
- Horizontal Directional Drill*
- Leaf Collector: Trailer Mounted*
- Lift: Scissor Lift - Self Propelled
- Light Tower: Hybrid Light Tower
- Light Tower: Light Tower - Trailer Mounted



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

- Loader: Loader Backhoe - 4x4
- Loader: Skid Steer - 1,850 lbs. Operating Capacity - Wheeled Type
- Loader: Skid Steer - 2,800 lbs. Operating Capacity - Wheeled Type
- Loader: Skid Steer - 3,100 lbs. Operating Capacity - Tracked Type
- Loader: Wheel Loader - 1.5 cubic yd.
- Loader: Wheel Loader - 3.0 cubic yd.
- Loader: Wheel Loader - 5.75 cubic yd.
- Low Speed Vehicle: Electric Type
- Motor Grader: Large
- Motor Grader: Small
- Mower: 15ft. Flex Wing Rotary Mower
- Mower: Remote Controlled Brush Mower
- Mower: Electric Zero Turn Radius Mower*
- Mower: Zero Turn Radius Mower
- Pallet Jack: Electric 4,500 lbs. Capacity*
- Pipe Inspection: Battery Operated Pipe Crawler Inspection System*
- Pump: Mobile Pump
- Roadway Advisory Board: Mobile Message Board
- Roadway Advisory Board: Mobile Speed Board
- Roadway Advisory Board: Mobile Speed Board/Automatic License Plate Reader*
- Roadway Advisory Board: Mobile Traffic Advisory/Direction Signal Board
- Roller: Compaction Roller 30,000 lbs. - Single Drum
- Roller: Large 22,000 lbs. - Double Drum Roller - 70in. Width
- Roller: Small 5,400 lbs. - Double Drum Roller - 47in. Width
- Sewer Cleaner: Combination Sewer Cleaning/Vacuum Machine Body - 10 cubic yd.
- Sewer Cleaner: Trailer Mounted Sewer Cleaner
- Shop Tools & Equipment*
- Shredder: Mobile Shredder
- Solid Waste Material Handler: Wheeled Type
- Stump Cutter
- Sweeper: 3-Wheel Mechanical or Regenerative Air Sweeper
- Sweeper: Cabover Mechanical Broom Street Sweeper
- Sweeper: Compact Air Sweeper - 2.3 cubic yd.
- Sweeper: Regenerative Air Street Sweeper
- Sweeper: Self-Propelled Hydrostatic Broom
- Tactical Vehicle: Skid Steer Mounted (The Rook)
- Tool Carrier: Hydrostatic Drive
- Tractor: Agriculture Tractor - 4x2



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

- Tractor: Compact Articulating Tractor - AWD
- Tractor: Small Agriculture Tractor - 4x4
- Tractor: Tractor with Boom Mower - 4x4
- Trailer: Deck Over Flatbed Trailer - 16,000 lbs. GVWR
- Trailer: Deck Over Equipment Trailer - 40,000 lbs. GVWR*
- Trailer: Detachable Neck Lowboy Trailer - 100,000 lbs. GVWR*
- Trailer: Enclosed Cargo Trailer - 7,000 lbs. GVWR
- Trailer: Enclosed Utility Body/Trailer Mounted - 9,900 lbs. GVWR*
- Trailer: Fixed Neck Lowboy Trailer - 70,000 lbs. GVWR*
- Trailer: Hydraulic Drop Deck Trailer - 13,500 lbs. GVWR*
- Trailer: Hydraulic Tail Trailer - 70,000 lbs. GVWR
- Trailer: Leachate Tanker - 6,500 gallons*
- Trailer: Livestock Trailer - 7,000 lbs. GVWR*
- Trailer: Pull Behind Dump Trailer - 14,000 lbs. GVWR
- Trailer: Refrigeration/Freezer Trailer - 7,000 lbs. GVWR*
- Trailer: Utility/Equipment Trailer - 7,000 lbs. GVWR*
- Trailer: Waste Trailer with Walking Floor
- Transfer Switch: 600 Amp Automatic Transfer Switch
- Trencher: Walk Behind Trencher
- Underground Locating Equipment: Ground Penetrating Radar*
- Underground Locating Equipment: Utility Locator*
- Vehicle Lift: Mobile - 2 Column, Cabled
- Vehicle Lift: Mobile - 2 Column, Wireless
- Vehicle Lift: Mobile - 4 Column, Cabled
- Vehicle Lift: Mobile - 4 Column, Wireless
- Vehicle Lift: Mobile - 6 Column, Cabled
- Vehicle Lift: Mobile - 6 Column, Wireless
- Vehicle Lift: Mobile - 8 Column, Cabled
- Vehicle Lift: Mobile - 8 Column, Wireless
- Vehicle Lift: Stationary - 2 Post Asymmetric Stationary Vehicle Lift 10k
- Vehicle Lift: Stationary - 2 Post Symmetric Stationary Vehicle Lift 12k
- Vehicle Lift: Stationary - 2 Post Symmetric Stationary Vehicle Lift 15k
- Vehicle Lift: Stationary - 2 Post Symmetric Stationary Vehicle Lift 18k
- Vehicle Lift: Stationary - 2 Post Versymmetric Stationary Vehicle Lift 10k
- Vehicle Lift: Stationary - 4 Column, Alignment Lift with Front/Rear Jacks and Integrated Turntables and Slip Plates 14k



**FSA23-EQU21.0: Heavy Equipment
Item Group Specifications**

**Indicates new item group for FSA23-EQU21.0*



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

All Terrain & Utility Vehicles: All Terrain Vehicles (Quad)

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: Manufacturer's gas or diesel engine, air cooled, overhead valve, keyed electronic ignition, 20 hp minimum
- Transmission: Manufacturer's standard automatic transmission
- Chassis: Standard front bumper
- Tires and Wheels: Front and rear all terrain tires, must match drive train



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

All Terrain & Utility Vehicles: Utility Vehicles (Side-by-Side)

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following

FSA Base Specification

- Engine: Manufacturer's gas or diesel engine, air cooled, overhead valve, keyed electronic ignition, 20 hp minimum
- Transmission: Manufacturer's standard automatic transmission
- Chassis: Standard front bumper
- Tires and Wheels: Front and rear all terrain tires, must match drive train



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

All Terrain & Utility Vehicles: Electric Utility Vehicles (Side-by-Side)

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- FSA Base Vehicle Requirements: 2 programmed keys and fobs if available, full-size spare tire if available
- Dimensions (Approximate): Length- 115", height- 51", width- 56", wheel base- 79", curb weight- 1,500 lbs., GVW- 2,900 lbs.
- Power: 7 hp electric motor, 8-6 volt heavy duty batteries, 48 volt
- Transmission/Axle: Enclosed internally lubricated differential/transaxle, 2-wheel drive
- Chassis/Steering/Suspension: 1,250 lbs. towing capacity, 2,900 lbs. GVW, frame type chassis, suspension matched for GVW of vehicle
- Tires And Wheels: Off/on road type tires, wheels rated for GVW of vehicle, tires to be traction type rated for GVW of vehicle
- Performance: 45 mile range, 19 mph minimum
- Brakes: Manual parking brake, disc or drum type, 2 or 4 wheel breaks
- Body: Rear mounted hitch for towing 2", pick-up type box with sides and tailgate, 2 passenger seating



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Boat: Aquatic Weed Cutter Workboat

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- General Dimensions: Height- 8', width- 7'3", length- 15', height from waterline- 48", boat draft- 4" to 6", weight- 2,285 lbs.
- Engine: 3-cylinder diesel engine, liquid cooled electric start, and charging system
- Hydraulics: Triple pump design, 27 gpm, eco-friendly hydraulic fluid
- Propulsion: Twin hydraulic outdrives, weed and mud design propellers
- Vessel Hull: Fiberglass/kevlar design, deck mounted cutter and loader
- Boom Cutter: Hydraulic drive, full articulation to cut 5' below waterline
- Front End Loader: Marine-type vegetation bucket
- Operator Station: All hydraulic function/propulsion function controls
- Trailer: Trailer to be designed specifically for this workboat. Must meet all federal, state, and local laws for a trailer operated on the highway.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Bulldozer: 180hp

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: Minimum 6-cylinder 180 hp diesel engine
- Transmission: Power shift (3 forward, 1 reverse minimum) or hydrostatic drive (variable)
- Undercarriage: 7 rollers each side minimum, top roller each side minimum, manufacturer's standard length track, manufacturer's standard track width, 24" grouser width
- Dozer Blade: Width- 128", height- 48", 2.5 cubic yd. blade capacity, PAT type blade, power angle and tilt, hydraulically controlled
- Weight: Minimum operating weight- 43,000 lbs.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Bulldozer: 70hp

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: Minimum 4-cylinder 70 net hp
- Transmission: Hydrostatic, infinitely variable speed, constantly variable
- Undercarriage: Minimum 5 rollers, standard grouser minimum of 16", top roller each side
- Dozer: Minimum width- 96", minimum height- 32", minimum 1.88 cubic yd. blade capacity, power angle tilt (PAT) type blade



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Bulldozer: 90hp

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: Minimum 4-cylinder 90 net hp
- Transmission: Hydrostatic, infinitely variable speed, constantly variable
- Undercarriage: Minimum 6 rollers, standard grouser minimum of 18", top roller each side
- Dozer: Minimum width- 104", minimum height- 36", minimum 2.5 cubic yd. blade capacity, power angle tilt (PAT) type blade



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Chipper: Brush Chipper

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Dimensions: Weight- 6,800 lbs., width- 72", height- 100"; length- 176", 15" chipping capacity
- 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 in.zin. section, 7,000 lbs. 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
- 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 around infeed opening for emergency stop
- Chipper Drum Or Disc: Drum type- 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
- 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
- Discharge Chute: Rotation of 360 degrees, adjustable chip deflector locking pin for chute rotation
- Miscellaneous: 26 gal fuel tank, nngine shutdown system, locking tool box, vandalism protection



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Compactor: 80,000 lbs. Landfill Compactor

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: Minimum operating weight- 80,000 lbs.
- Engine: Turbocharged diesel engine 400 hp minimum, spin on type filters
- Transmission/Hydraulic System: Mechanical or hydrostatic drive will be acceptable (2 speeds forward and 2 speeds reverse minimum), spin on type hydraulic filters
- 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
- 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 bar if applicable
- 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
- Miscellaneous: Fully shielded engine compartment, removable belly pan, landfill shielding package if applicable



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Compressor: Air Compressor - Trailer Mounted

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Approximate Dimensions: Weight- 1,950 lbs., length- 79", width- 40", height- 47"
- Engine: 49 hp Tier 4 Engine, 12 Volt electrical system, engine protection system, gauge package
- Compressor: 185 cfm @ 100 psi, rotary or reciprocating style compressor, 2 service valves
- Trailer: 3,700 GVW axle rating, manufacturer rated tires, fold up tongue jack
- Enclosure: Fixed weather enclosure over entire engine/compressor, 2 full size tool boxes



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Dump Truck: Articulating Off Road Dump Truck - 50,000 lbs. Payload

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- **Weight:** Minimum operating weight- 40,000 lbs., minimum gross weight (with payload)- 91,000 lbs.
- **Engine:** Turbocharged diesel engine 265 hp, 549 cubic in. minimum, spin on type filters, two stage air cleaner
- **Transmission:** 6 speeds forward, 1 speed reverse, top speed of 31 mph, hydraulic retarder
- **Brakes:** Disc type service brakes, disc type parking brake
- **Axles & Differentials:** Differential locks, planetary gear reduction final drives, inter axle differential lock
- **Tires:** Tubeless, radial off road hauler tires, 23.5 R 25 tire size
- **Steering:** 45 degree left or right articulation angle, secondary electric steering system for emergency steering, double acting steering cylinders
- **Operating Station:** Cab to be pressurized, heated, air conditioned and filtered, built in ROPS/FOPS protection, suspension type operators seat with seat belt, cab instrumentation or engine monitoring system with audible alarms, tinted glass windows, sun visor, front and rear intermittent windshield wipers, work lights, headlights, stop, tail and turn signal lights, left and right mirrors
- **Body:** Dump body tipping angle 70 degrees, mud flaps, two single stage double acting body hoist cylinders, 18 yd. heaped capacity, body rise time maximum 12 seconds
- **Miscellaneous:** 95 gal fuel tank minimum, guard or shielding package



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Excavator: All Terrain Walking Excavator

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: 15,873 lbs. 2x4, 17,196 lbs. 4x4 Option
- Engine/Cab: Diesel engine, minimum 95 net hp, 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 ft. seat, full size cab (width of machine)
- Travel System: Minimum high-speed travel- 5 mph, minimum grade-ability 70%, four tires
- 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
- Electrical System: Work lights
- Bucket: 4' wide grading bucket



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Excavator: Hydraulic Excavator - 15,590 lbs. Operating Weight

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: Minimum operating weight- 15,590 lbs.
- Engine: 53 hp diesel engine, fuel capacity 26 gal
- Travel System: Minimum high-speed travel of 3.0 mph
- Undercarriage: Overall track length 9' 1", overall track width 11' minimum 7' 6", shoe width 17.7" minimum
- 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
- 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 rpm



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Excavator: Hydraulic Excavator - 38,000 lbs. Operating Weight

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: Minimum operating weight- 38,000 lbs.
- Engine: Turbocharged diesel engine 113 hp
- Travel System: Travel speed of 3.2 mph
- Hydraulic System: Standard auxiliary hydraulic valve, main hydraulic system flow 72 gpm minimum
- Undercarriage: Overall track length 12' 10" minimum, overall track width 8' 5" minimum, shoe width 24"
- 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



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Excavator: Hydraulic Excavator - 76,550 lbs. Operating Weight

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: Minimum operating weight- 76,550 lbs.
- Engine: Turbocharged diesel engine 257 hp, fuel capacity 145 gal
- Travel System: Travel speed of 2.9 mph
- Hydraulic System: Standard auxiliary hydraulic valve, main hydraulic system flow 144 gpm minimum
- Undercarriage: Overall track length 16' 2", overall track width 10' 6", shoe width 24"
- 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
- 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 include
- Swing System: Swing radius 12, Swing speed 9.2 rpm



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Excavator: Mini Hydraulic Excavator - 7,105 lbs. Operating Weight

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: 7,105 lbs. minimum
- Engine/Cab: Diesel engine, minimum 23 hp, ROPS canopy, gauges or warning indicators for fuel level, engine oil, hydraulic oil and coolant
- Travel System: Minimum high-speed travel 2.3 mph, minimum gradeability, 20 degrees, 11" wide rubber belt tracks
- 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.
- Electrical System: Work lights



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Excavator: Telescopic Excavator - 45,000 lbs. Operating Weight - Tracked Type

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: Minimum operating weight 45,000 lbs.
- Engine: 4-cylinder turbocharged diesel, 170 hp at 2200 rpm, spin on type filters, two stage air cleaner, 12 volt 100 amp alternator, 90 gal fuel capacity
- Track Drive: 2-speed automatic with manual override, high torque piston motors each track, planetary drives, travel speed high 3.4 mph, low 1.9 mph, automatic parking brake, individual track control
- Tracks: 23.6 pad size
- Operator Station: Acoustical lined, adjustable seat, tinted safety glass, filtered fresh air, heater, air conditioned, and defroster, wipers and washers, skylight, work lights
- Operator Station Controls: Electric engine monitoring system, auto idle, electronic joysticks on adjustable pedestals, pedals for travel and steering, low/high travel switch, engine speed control
- Safety Items: Electric horn, movement alarm, fire extinguisher, mirrors, right and left side
- Hydraulic System: Hydraulic oil cooler, 120 hp track drive motors (each), 64 hp swing motor, electronic hydraulic system monitor, spin on hydraulic filters, swing speed 7.0 rpm, automatic swing brake
- Boom: Telescopic boom, 180 degree boom rotation, 30' reach at ground level from center pivot to buck cutting edge
- Bucket: 60" ditching bucket provided with machine, quick attach type 1
- Weight: Minimum operating weight- 47,000 lbs.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Excavator: Telescopic Excavator - 47,000 lbs. Operating Weight - 6x6 Wheeled Type

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: Minimum operating weight 47,000 lbs.
- Carrier: 6-cylinder turbocharged diesel engine, 250 hp at 2200 rpm, spin on type filters, two stage air cleaner, 24 volt 70 amp alternator, 6-speed automatic transmission, 1 to 1 transfer case with front axle disconnect, one person carrier cab, air ride seat, heater, air condition, and defroster, 2-speed windshield wipers, tinted glass, isolated and acoustic lined, gauges to monitor engine functions, frame sized for GVW and stress of mounted upper structure, bolt on front bumper, desiccant type, spin on type, air dryer, fuel tank 50 gal minimum,
- Safety: Electric horn, west coast mirrors with convex spot mirrors, tow hooks, fire extinguisher, backup alarm
- Front Axle: 16,000 front drive axle, leaf spring suspension, 16.5"x5" "S" cam brakes, automatic slack adjuster, integral power steering, hydraulic axle lockouts, 425/65R22.5 on/off road tires
- Rear Axle: Tandem axles 40,000 lbs. rated, Hendrickson rear suspension, 16.5"x7" "S" cam brakes, automatic slack adjusters, 11R 24.5 traction type tires
- Upper Structure: Hydraulic system- 80 hp drive motor, 44 hp swing motor, automatic swing park brake, 50 gal oil reservoir, spin on hydraulic filters, swing speed 8 rpm, hydraulic remote control- travel and steering controls in upper structure cab, automatic brakes and axle lockouts, movement alarm, upper structure cab- isolated and acoustic lined, tinted safety glass, adjustable operators seat, heater, air condition, and defroster, work lights, wipers and washers, mirrors on left and right, skylight upper structure control-electronic joysticks on adjustable pedestals, engine monitoring lights or gauge with audible warning or automatic shutdown, pedals for steering and travel, low/high travel switch, electric horn, engine speed control bucket- quick attach type, 60" ditching bucket provided with machine, boom- telescopic boom, 180 degree boom rotation, 30' reach at round level from upper structure pivot to bucket cutting edge



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Excavator: Vacuum Excavator - Trailer Mounted

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: 14,000 lbs. GVWR
- Engine: 36 hp diesel engine, water cooled, fully enclosed sound attenuated engine enclosure (including vacuum pump and high-pressure water pump), 15 gal fuel tank
- Vacuum Pump: 580 cfm at 15" of mercury, mounted inside engine enclosure, washable filtration cylinders, reverse pressure (to clear hose and offload liquids)
- High Pressure Water System: 400 psi at 4 gpm water pump, low water automatic shutdown, two 100 gal 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
- Tank: Full open rear door, door hydraulically opened, twin dump cylinders, 6" stainless steel portal shutoff, 800 gal 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
- Trailer: 7,000 lbs. dexter torsion axles, 14,000 lbs. GVWR, 10,000 lbs. jack stand, I beam construction, Pintle hitch, electric brakes with safety breakaway, LT235/85R16 tires, Stop/tail/turn lights



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Excavator: Wheeled Hydraulic Excavator - 42,000 lbs. Operating Weight

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: Minimum operating weight- 42,000 lbs.
- Engine: Turbocharged diesel engine 140 hp, spin on type filters, two stage air cleaner
- Travel System: Travel speed of 21 mph
- Hydraulic System: Standard auxiliary hydraulic valve, hydraulic system flow 99 gpm minimum
- Wheel Drive: Wheelbase 8' minimum, tire size 10:00x20, ground clearance 13" minimum, gradeability 61 percent
- Operating Station: Cab to be air conditioned, heated, and pressurized filtration system, intermittent windshield wipers, opening front windshield, vibration dampening cab mounts, adjustable suspension type operator seat with safety belt, tinted safety glass, engine monitoring system with audible alarms, work lights, stop/tail/turn and emergency flashers
- Stick, Boom, Bucket: Boom and stick combination to allow minimum reach at ground level of 30' minimum, bucket to be a general purpose bucket, appropriately sized for machine and included
- Swing System: Swing radius 7' approximate, swing speed 9.5 rpm minimum
- Miscellaneous: Fuel capacity of 77 gal minimum
- Blade/Outriggers: Front blade with 8' minimum, rear outriggers FLO



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Forklift: Cushion Tire - 4,000 lbs. Capacity

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: 50 hp LP gas engine
- Transmission: Powershift type, inching pedal, 1 speed forward, 1 speed reverse
- Hydraulic System: 19.0 gpm at 2250 psi
- Chassis: Wheelbase- 46", tread width- 33" (with standard tires), ground clearance at lowest point- 3"
- Tire size: Front- 18.0 x 7 x 12 cushion tire, rear- 14.0 x 5 x 10 cushion tire, steering radius- 72"
- Brakes: Hydraulic service brakes, mechanical parking brake
- Lift: Two stage lift mast, Lift height minimum - 130", Lift capacity- 4,000 lbs., fork spacing- 7" to 32" minimum, tilt- 5 degrees forward, 10 degrees backward
- Miscellaneous: FOPS protection, work lights, seat belts



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Forklift: Rough Terrain Forklift - 5,000 lbs. Minimum Capacity

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Lift Capacity: 5,000 lbs. minimum capacity
- Lift Height: Minimum of 14'
- Weight: 12,800 lbs.
- Front Tire Track Width: 80"
- Turning Radius: 13'
- Engine: 70 hp diesel, 24 gal fuel tank
- Transmission: Fwd/rev shuttle shift, 4WD
- Tires: Front 16.9-24, rear 12-16.5 lug type tires
- Mast: 3 stage, side shift, fwd/backward tilt, load cushioning
- Operator Station: Adjustable seat, seat belt, FOP overhead guard, b/u alarm , ANSI safety compliant



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Forklift: Telescopic Tool Carrier/Telehandler

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Approximate Dimensions: Length- 196", width- 90", height w/cab- 93", wheelbase- 113", weight: 17,155 lbs.
- Engine: Diesel Tier 4 100 hp, Turbocharged, heavy duty cooling system
- 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
- 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
- Hydraulic System: Lift capacity 7,700 lbs., max lift 22', boom breakout force- 8,000 lbs.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Generator: 60kW Stationary

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Generator Requirements: Standby duty rated equal to the kW rating of the item group bid, 60kW, 75 kVA, 0.8 power factor, 480 volts 3 phase, 60 Hz, 1,800 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
- Engine: Water cooled diesel engine, sized for generator set, emission compliant engine
- Controls: Solid state, microprocessor-based generator controls, controls shall provide all operating, monitoring and control functions for generator set
- Enclosure/Silencer: Complete diesel engine generator set including control panel, engine starting batteries 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, must meet FDEP standards as applicable
- 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
- 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
- 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, model, 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



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Generator: 125kW Stationary

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Generator Requirements: Standby duty rated at 125.0 kW, 156.3 kVA, 8 power factor, 480 volts, 3 phase, 60 Hz, 1,800 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
- Engine: Water cooled diesel engine, sized for generator set, emission compliant engine
- Controls: Solid state, microprocessor-based generator controls, controls shall provide all operating, monitoring and control functions for generator set
- 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
- 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
- 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
- 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, model, 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 1,500-hour standard standby generator warranty, labor, materials, and travel for the warranty period repair will be paid by manufacturer during normal business hours



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Generator: 150kW Mobile

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Generator Requirements: Standby duty rated at 150 kWe, 187 kVA, 8 power factor, prime power duty rating 135 kWe, 168 kVA, 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
- Engine: 6-cylinder, water cooled, 1,800 rpm, diesel engine, current emission compliant diesel engine, spin on fuel and oil filters
- Voltage Change Over Switch & Distribution: Manual 3-position voltage change over switch to select each voltage as specified when the unit is not running, 1 Ph 120/240, 3 Ph 120/240, 3 Ph 120/208, and 3 Ph 277/480, a five-point connection shall be provided for ease of connection of load leads, one 50 amp, 120/240 vac, 1 Ph, twist lock receptacle, one 30 amp, 120/240 vac, 1 Ph, RV type receptacle, two 20 amp, 120/240vac, 1 Ph, duplex receptacle, two 20 amp, 120/240 vac, 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.
- 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
- 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 73-75 dba @ 21', 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
- 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
- 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



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following information and provide to owner for his records- Operating Voltage, Hz, Ph, 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

- Trailer: The trailer must have a VIN and a certificate of origin



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Generator: 500kW Mobile

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Generator Requirements: Standby duty rated at 500 kW, 625 kVA, 0.8 power factor, prime power duty rating 450 kW, 563 kVA, 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 with service valves to ensure coolant does not need to be drained if heater needs service
- Engine: 6-cylinder, water cooled, 1800 rpm, diesel engine, current emission compliant diesel engine, spin on fuel and oil filters, 120 vac, 1 Ph, 60 Hz input 10 amp, 24 vdc, output automatic battery charger, standard 4D lead acid batteries with battery rack and cables
- 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 3 Ph 120/208, and 3 Ph 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, 20 amp, 120 vac, 1 Ph, male receptacle shall be provided to power the jacket water heater, a 20 amp, 120 vac, 1 Ph, male receptacle shall be provided to power the battery charger, two thumb screw type connection points shall be provided for remote auto start
- 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
- 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', enclosure shall be constructed from aluminum, preferably out of .125 thickness and 5,058 marine grade aluminum, oil and water drain lines shall be provided and extend to the enclosure wall with brass ball valves for easy service, critical grade silencer (25 db reduction), 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 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



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be limited to, an adjustable and removable pintle hitch, 36” 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

- **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
- **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
- **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, Hz, Ph, 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 1,000 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



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Generator: 500kW Stationary

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Generator Requirements: Standby duty rated at 500 kW, 625 kVA, 0.8 power factor, 480 volts, voltage options are- 120/240, 120/208 or 277/480 3 Ph, 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
- 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
- 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 5,058 marine grade aluminum, critical grade silencer (25DB Reduction), companion flanges, flexible stainless-steel exhausts flex
- 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
- 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.
- 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
- 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



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operation and maintenance manuals, two (2) years or 1,500 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



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Horizontal Directional Drill

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Width: 89"
- Height: 76"
- Weight: 20,700 lbs.
- Length: 20'
- Engine: 125 hp, liquid cooled diesel, meeting current emission level, 44 gal fuel capacity
- Operational: Thrust/pullback 28,000 lbs., carriage speed 240 fpm, spindle torque 4200' lbs., rotational speed 270 rpm, bore diameter 4", ground speed 3.0 mph, drill rack angle 14-21 degrees
- Controls: Touchscreen guidance display
- Drill System: Hydraulic vise, stakedown system , strike alert, remote lockout, work lights
- Drill Pipe: Rod diameter- 2.38", length- 10', weight- 73 lbs., bend radius- 108'
- Color: Manufacturers standard color
- Fluid System: Mixing



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Leaf Collector: Trailer Mounted

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Motor: 74 hp diesel engine, liquid cooled, current level emission compliant, 50 gal fuel capacity
- Fan: 27" fan, direct drive
- Pickup Hose: 16" diameter, 3 function hydraulically controlled arm, safety interlock
- Collection Body: 30 cubic yd. capacity w/ tailgate, scissor hoist, hydraulic dump
- Ride On Operator Station: All machine controls to be located at operator station, seat belt, emergency shutdown
- Dust Control: Dust control system, pump, 3 nozzles, 90 gal water tank
- Trailer: Frame, axles, tires, electric brakes will be sized for GVWR of unit, DOT compliant marking and lighting, pintle hitch, yellow flashers, tongue jack
- Color: Manufacturers standard color



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Lift: Scissor Lift - Self Propelled

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Dimensions (approximate): 64" x 29" platform, 36" extension deck, 25' working height (raised), 18' platform height (raised), lift capacity 500 lbs.
- Power: 24 volt, 4-6 volt batteries, on board charging system, dual front wheel drive
- Brakes: 2 or 4 wheel brakes
- Platform: Fixed rails, 36" extension deck, AC power to platform, lanyard attachment points
- Safety: Manual platform lowering, emergency stop on platform and ground control, descent alarm, hour meter, horn, pothole guards, on board diagnostic system, tilt lever sensor with alarm, scissor maintenance prop



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Light Tower: Hybrid Light Tower

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Dimensions (approximate): length- 174", width- solar panels retracted 69", height- 72", mast deployed height- 30', weight- 1,850 lbs.
- Generator: Perkins 403.F.11-10 kW Tier 4, 2 20A/120 v receptacles, electric start 12-30 gal fuel tank, auto mode- automatic start for low battery hybrid systems automatically switches between solar battery, generator, or standard household current
- Trailer: Axle 2000 lbs., 13in" wheels, hitch 3 position adjustable ball, stabilizers- 2 extendable outriggers, 1 trailer jack, top mounted fork pockets and single lifting eye, powder coated DOT rated trailer with lights, trailer weight- 1,850 lbs.
- Mast: 30' extendable mast in 3 stages wind stability to 40 mph rotates 90 degrees
- Lights: 4 quick connect 320 watt each, LED lights, dimmer control, instant on/off, 365 day programmable timer for lights, on/off, lens patten spread of 150 degrees, meets DOT anti-glare regulations
- Solar Panels: 5 100 watt panels, operating temperature- 40c to 46c 7
- Batteries: 4 deep cycle batteries, optional lithium cells, 12 volt, 220 amp hours



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Light Tower: Light Tower - Trailer Mounted

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Dimensions (Approximate): Length- 170", width- 51", height- 74", mast deployed height- 30', weight- 1,610 lbs.
- Engine: 3-cylinder diesel engine, 12 hp at 1800 rpm, engine protection shutdown system
- Generator: Wattage output 7,000 watt max, 6000 watt continuous, brushless type, 120/240 volts at 60 hz +/- 6% regulated, amps at 120/240v 50/25, insulation class
- FUEL TANK: 30 gal capacity, run time (approx.) 64 hours
- Trailer: Axle 1,800 lbs., 13" tire size, hitch 2" ball, leaf spring suspension, tongue jack, 4 outrigger jacks
- 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: 32' extendable mast, 4 each metal halide light heads, 440,000 lumens, 360-degree mast rotation, fold down for transport, winch for mast extension



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Loader: Loader Backhoe - 4x4

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: Minimum 87 hp diesel engine, dry type, radial seal air cleaner and pre-cleaner unit, spin on type engine oil filter
- Transmission: 4-speed power shift or power shuttle transmission
- Operator Environment: OSHA approved ROPS canopy shall be integral, two front and two rear work and driving lights Stop and turn signals with flashing hazard lamps Instrument panel with a complete set of gauges or an electronic monitoring device Standard horn and audible back-up alarm
- Brakes: Brakes shall be oil immersed, hydraulically actuated, multiple disc on final drive input shaft Brakes shall be completely enclosed and sealed, fully self-adjusting
- Loader (Single Tilt Cylinder): Loader shall be equipped with a return to dig mechanism, loader shall have positive down pressure sufficient to lift the tractor front end off level ground, loader bucket SAE heaped capacity of minimum 1.3 yd. with replaceable bolt on edge
- Backhoe: Fixed length dipper stick digging depth approximately 14', reach from swing center, approximately 18', dump height, approximately 11' 3", digging force approximately 8,000 lbs., bucket dig force, approximately 11,990 lbs., 24" general purpose bucket with replaceable teeth



**FSA23-EQU21.0: Heavy Equipment
Item Group Specifications**

Loader: Skid Steer - 1,850 lbs. Operating Capacity - Wheeled Type

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: Minimum 3-cylinder 56 hp diesel
- Transmission: Hydrostatic drive forward, reverse, travel speed controlled by two hand levers
- Engine Equipment: Spin on type filters, dry type air filter
- Operator Environment: OSHA approved ROPS canopy shall be integral, front and rear work lights, hazard lights, engine monitoring system or gauges, with audible alarm, tires 10x16.5 extra walls, horn and backup alarm
- Brakes: Parking brake, hydrostatic main braking
- Loader: Front auxiliary hydraulics, foot or hand controls for bucket, minimum 62" wide construction bucket, operating capacity 1,800 lbs. minimum



**FSA23-EQU21.0: Heavy Equipment
Item Group Specifications**

Loader: Skid Steer - 2,800 lbs. Operating Capacity - Wheeled Type

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: Minimum 3-cylinder 83 hp diesel
- Transmission: Hydrostatic drive forward, reverse, travel speed controlled by two hand levers
- Engine Equipment: Spin on type filters, dry type air filters
- 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, tires 14x17.5 extra wall
- Brakes: Parking brake, hydrostatic braking
- Loader: Front auxiliary hydraulics, foot or hand controls for bucket, minimum 84" wide construction bucket



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Loader: Skid Steer - 3,100 lbs. Operating Capacity - Tracked Type

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: Minimum 3-cylinder 74 hp diesel, spin on type filters, dry type air filters
- Transmission: Hydrostatic drive, forward, reverse, travel speed controlled by two hand levers
- 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
- Brakes: Parking brake, hydrostatic braking
- Bucket: Minimum 66" construction bucket, bolt on, replaceable cutting edge for bucket, operating capacity 3,100 lbs. minimum



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Loader: Wheel Loader - 1.5 cubic yd.

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine/Cab: 6-cylinder diesel engine, liquid cooled, minimum 77 hp, ROPS cab with air conditioning and heat
- Transmission: Power shift transmission with torque converter or hydrostatic drive, minimum of 4 forward and 3 reverse speeds
- Drivetrain: Four wheel drive, 15.5-25 bias ply tires mounted on multi piece rims
- Loader: 1.5 cubic 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.
- Electrical: Manual battery disconnect switch, driving lights, front and rear work lights, stop lights, warning lights and taillights



**FSA23-EQU21.0: Heavy Equipment
Item Group Specifications**

Loader: Wheel Loader - 3.0 cubic yd.

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine/Cab: 6-cylinder diesel engine, liquid cooled, minimum 140 hp, ROPS cab with air conditioning and heat
- Transmission: Power shift transmission with torque converter or hydrostatic drive, minimum of 4 forward and 3 reverse speeds
- Drivetrain: Four wheel drive, 20.5-25 radial tires mounted on multi piece rims
- Loader: 3.0 cubic 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' 4" minimum, minimum operating weight of 26,000 lbs.
- Electrical: Manual battery disconnect switch, driving lights, front and rear work lights, stop lights, warning lights and taillights



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Loader: Wheel Loader - 5.75 cubic yd.

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine/Cab: 6-cylinder diesel engine, liquid cooled, minimum 280 hp, ROPS Cab with air conditioning and heat
- Transmission: Power shift transmission with torque converter or hydrostatic drive, minimum of 4 forward and 3 reverse speeds
- Drivetrain: Four wheel drive, manufacturer's standard axle, 26.5-R25 radial tires mounted on multi piece rims
- Loader: 5.75 cubic 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.
- Electrical: Manual battery disconnect switch, driving lights, front and rear work lights, stop lights, warning lights and tail lights



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Low Speed Vehicle: Electric Type

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- 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
- Engine: 5.5 hp 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
- 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
- Comfort Items: 4 person seating with flip rear seat for cargo
- Chassis/Steering/Suspension: 10' turning radius, steel frame type chassis, 500lbs. GVW capacity
- Tires And Wheels: 205/50-10 tires, 10" aluminum rims
- Brakes: 4 wheel hydraulic, hand brake
- 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



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Motor Grader: Large

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: Liquid cooled 6-cylinder diesel with minimum of 140 net hp @ 1900 rpm
- Transmission: Power shift with direct drive, minimum 8 forward and 4 reverse speeds Brakes: Wet multiple disc
- Steering & Articulation: Front steer plus articulated, minimum articulation 20 degrees
- Moldboard: Minimum 12' long
- 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



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Motor Grader: Small

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Dimensions (approximate): Length- 21', width- 7', height with cab- 10' 4", weight- 15,200 lbs.
- Engine: Diesel, turbocharged 110 hp, 39 gal fuel tank
- Drive Train: Hydrostatic drive or power shift, 2-speed gear box
- Brakes: Fail safe brake system
- Steering/Articulation: 18 degree articulation left or right, front wheel lean
- 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
- Operators Station: Enclosed cab, front and rear windshield wipers, suspension seat, air conditioned and heated cab, gauge package work lights



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Mower: 15ft. Flex Wing Rotary Mower

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Deck: Mower shall be rotary, flex wing style, 10 gauge steel minimum, replaceable full-length skid shoes, shall be easy clean style
- Blade Carrier & Blades: 7 gauge steel minimum, 1" thick cross bar weldment, "Stump Jumper" pan design, 2 free swinging updraft cutting blades ½" thick, heat treated alloy steel minimum, blades shall overlap a minimum of 6" for uniform cut, blade spindles shall be 1 ¼" diameter minimum
- Wheels/Tires: 6 replaceable puncture resistant foam filled airplane tailwheels
- 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
- 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



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Mower: Remote Controlled Brush Mower

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Approximate Dimensions: Length- 57", width- 59", height- 33", weight- 990 lbs.
- Engine: 24 hp 2-cylinder gas, pressurized oiling system, electric start w/ 16v, 16 a alternator 5 gal fuel capacity
- Track Drive System: Two 48v electric motors, infinitely variable gear reduction transmissions, multi lug type tracks, neoprene rollers
- Mower Deck: Twin spindle deck, 10 gage mower deck, blade bar 2x22" with 4 free swinging blades, electric clutch assembly w/ integral safety brake, mowing height range- 2 to 7"
- Remote Control: Remote control to control mower functions- travel speed, cutting height, hours, radio signal strengt state of charge of remote control battery, and mower on/off, remote control working range 328', max range 984', auto stop feature for loss of radio signal, rechargeable lithium ion batteries
- Safety: One touch emergency shut off switch



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Mower: Electric Zero Turn Radius Mower

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Electric Power: 36 hp gas equivalent, electric power
- Battery: 22 kWh battery w/ charger, 7 hours of mowing time
- Deck: 60" deck, 1.5-5.5" height adjustment, side discharge
- Wheels: 24x12 drive wheels, solid deck wheels
- Operator Station: Suspension seat, all controls, ROPS bar
- Mowing Speed: 11mph (approximate)



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Mower: Zero Turn Radius Mower

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: 25 hp gas engine, positive feed oil system with spin on filter, electric start
- Drive 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
- Wheels: Front wheels- 13x6-6 ribbed, minimum, Rear wheels- 24x11.5-12 turf
- Comfort & Convenience: High back full suspension seat, ROPS bar
- Approximate Machine Dimensions: Length- 82", height- 72" with ROPS, width- 63" without chute



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Pallet Jack: Electric 4,500 lbs. Capacity

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: 900 lbs.
- Wheelbase: 51"
- Turning Radius: 58"
- Lift Capacity: 4,500 lbs.
- Travel Speed: 3.7 mph
- Turning Radius: 59"
- Gradeability: 8% (loaded)
- Drive: 1.3 kW drive AC motor, polyurethane drive wheels, electric brake, lift motor 1.2 kW
- Battery System: 150 Ah battery, integrated on board charger
- Controls: Tiller type control, multi-function control on tiller handle



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Pipe Inspection: Battery Operated Pipe Crawler Inspection System

Note: Due to the complexity of this type of equipment, it is suggested that the purchaser contact the vendor to ensure the item ordered is a complete, ready to work unit and is compatible with the end user's software/hardware requirements and performance expectations.

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Width: 6"
- Height: 5.5"
- Length: 28"
- Weight: 65 lbs.
- Depth Rating: 160'
- Pipe Range: 8" to 12"
- Speed: 12m/min maximum
- Pull Force: 130 lbs.
- Sensors: Incline, roll, leak, pan/tilt, distance
- Tether Reel: Motorized reel, 1,000' tether capacity, 1,600 lbs. break strength
- Battery Power: 19.2 VDC, 5 hour battery life, capable of optional hybrid power
- Lighting: 900 LM
- Controller: Weatherproof, splashproof, joystick type controls, battery powered
- Camera: 360 degree pan, 1080p/2mp resolution, tilt 280 degrees, zoom 10x optical 120x digital, focus auto or manual, exposure auto or manual



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Pump: Mobile Pump

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Design Requirements: Discharge size- 6", suction size- 6", capable of 1,750 gpm minimum, capable of 160' Total Dynamic Head (TDH) minimum, Duty Point, maximum- 1,000 gpm minimum at 120' Total Dynamic Head (TDH), solids handling capability size, minimum size- 3"
- 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, 12 VDC system with battery rack and cables, 50 gal minimum fuel tank with low fuel level alarm and shutdown
- Pump: Check valve, self-priming system
- 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
- Trailer: The manufacturer shall mount the diesel engine and pump unit with the above 50 gal subbase tank on a street legal DOT 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, 12 VDC 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
- 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



**FSA23-EQU21.0: Heavy Equipment
Item Group Specifications**

Roadway Advisory Board: Mobile Message Board

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Display Panel: Minimum panel size 72"x48"
- Expected Power: Solar and battery with battery charger, meets manufacturer requirements
- Trailer: 2" minimum ball coupler, meets manufacturer and highway safety requirements



**FSA23-EQU21.0: Heavy Equipment
Item Group Specifications**

Roadway Advisory Board: Mobile Speed Board

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Display Panel: Amber or red LED, 12" minimum speed limit sign
- Radar Speed Unit: Miles per hour, directional radar
- Data Collection: Data and analysis software included
- Expected Power: Solar and battery with battery charger, meets manufacturer requirements
- Trailer: 2" minimum ball coupler, meets manufacturer and highway safety requirements



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Roadway Advisory Board: Mobile Speed Board/Automatic Licence Plate Reader

Note: Due to the complexity of this type of equipment, purchaser should research and verify the unit bid will meet their desired performance expectations and is compatible with their hardware/software requirements. It is recommended the vendor be contacted to assist with determining these factors prior to purchase.

Unit bid will be ready to work with batteries, carrying cases, technical manuals, etc.

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Power System: 3 AGM type batteries, integral 120v charger, 5 to 7 day runtime, solar panel
- License Plate Reader: 2 cameras, tablet processor, software, automated hotlist alerting, plate search and vehicle filtering
- Digital Speed Display: 12" digital display, configurable, flashing excessive speed message capability
- Radar: Radar included
- Posted Speed Limit Sign: Metal sign included
- Connectivity: Cellular connectivity
- Trailer: DOT approved trailer, all weather protection, maximum vandal protection



**FSA23-EQU21.0: Heavy Equipment
Item Group Specifications**

Roadway Advisory Board: Mobile Traffic Advisory/Directional Signal Board

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Display: 15 lamps minimum, 48"x96" panel size
- Expected Power: Solar and battery with battery charger, meets manufacturer requirements
- Trailer: 2" minimum ball coupler, meets manufacturer and highway safety requirements



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Roller: Compaction Roller 30,000 lbs. - Single Drum

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: Minimum operating weight with open rops 15,200 lbs.
- Drum/Vibratory System: Maximum compaction shall not be less than 30,000 lbs., drum shall have a compaction width of not less than 66", drum shall be smooth and not be less than 48" in diameter, vibratory system shall be hydraulically driven and have two amplitude settings, drum shall be equipped with an adjustable cleaning device, drum and vibratory pack shall be isolated from the machine during normal operation
- Engine/Cab: 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, 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, a backup alarm shall emit an audible alarm whenever the propel lever is moved into reverse
- Travel System: A machine must be hydrostatic driven for the rear axle and the drum drive motor
- Electrical System: 12 or 24 volt electric system, maintenance free battery supplying 750 cold cranking amps, wiring harness protected with nylon-braided wrap



**FSA23-EQU21.0: Heavy Equipment
Item Group Specifications**

Roller: Large 22,000 lbs. - Double Drum Roller - 70in. Width

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: Minimum operating weight 22,000 lbs.
- Drum/Vibratory System: Drum compaction width on both drums no less than 70", drum shall be smooth and not less than 48" in diameter, vibratory system shall be hydraulically driven, drum shall be equipped with scrapers both front and rear of both drums, drum shall be hydraulically driven and have two (2) amplitude settings
- Engine: Diesel engine of not less than 100 hp, reverse alarm for reverse operations
- Travel System: The machine shall be hydrostatically driven, steering shall be center articulated and oscillated
- Miscellaneous: Unit shall be equipped with pressurized water for both drums, electrical system shall be 12 or 24 volt



**FSA23-EQU21.0: Heavy Equipment
Item Group Specifications**

Roller: Small 5,400 lbs. - Double Drum Roller - 47in. Width

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: Minimum operating weight 5,423 lbs.
- Drum/Vibratory System: Drum compactor width on both drums no less than 47", drum shall be smooth and not less than 27.5" in diameter, vibratory system shall be hydraulically driven, drum shall be equipped with scrapers both front and rear of both drums, drum shall be hydraulically driven and have two amplitude settings
- Engine: Diesel engine of not less than 25 hp, reverse alarm for reverse operations
- Travel System: The machine shall be hydrostatically driven, steering shall be centered articulated and oscillated
- Miscellaneous: Unit shall be equipped with a pressurized water system for both drums, electrical system shall be 12 or 24 Volt



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Sewer Cleaner: Combination Sewer Cleaning/Vacuum Machine Body - 10 cubic yd.

Note: 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 mounted on or have the truck provider assist in ordering the correctly outfitted truck. All items factory installed unless otherwise noted.

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Air/Vacuum System: Positive displacement vacuum pump or centrifugal compressor, 3,500 CFM @ 14.5" of mercury minimum, muffler, vacuum relief valves, centrifugal separator with clean out, PTO or hydrostatic drive
- Debris Tank: 10 cubic 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
- Boom Assembly: 270 degree boom working area, hydraulic up/down, clean out port, transport cradle, 8" boom hose, pendant control
- Water Pump: 2,500 psi, 80 gpm, pressure relief valve, wash down gun with relief valve
- Water Tank: 1,000 gal capacity, curb side fill, level indicators
- Hose Reel: 800' of 1" hose capacity, 400' of 1", 2,500 psi hose supplied, power in/out, reel speed control system, position lock system, engine and hose reel controls, level wind
- Drive System: Hydrostatic transfer case, split PTO, or auxiliary engine or transfer case



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Sewer Cleaner: Trailer Mounted Sewer Cleaner

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: 60 hp diesel engine, water cooled, engine enclosure, 15 gal fuel tank
- High Pressure Water Pump: 4,000 psi at 18 gpm, pressure relief valve, triplex type pump, low water shutdown, multi-flow type system (pressure change without changes to engine rpm)
- Controls: Located next to hose reel, ignition, throttle, gauge package (tachometer, hour meter, oil pressure, volts, and low oil/high temp shutdown), water control valve
- Water Tank: 700 gal capacity, high density polyethylene with baffles, sight gauge 2 ½" overhead tank fill, anti siphon, air gap type, strainer, tank drain
- Hose Reel: 800' capacity of ½" high pressure sewer hose, hydraulic power in and out
- Hose Reel Drive Hydraulic System: Hydraulic pump 8 gpm, 15 gal hydraulic reservoir, spin on type hydraulic filter
- Trailer: 12,000 lbs. GVW, 6"x3/16" frame, tandem axle 2 5/16" hitch, tongue jack, 235/80 r 16" tires, fenders, breakaway switch, lighting as required by Federal and State laws, reflective striping, toolbox with locking system, LED directional arrowstick, warning beacon (tank mounted)
- Equipment Furnished: 500' of ½" high pressure sewer hose, 100' of ¼" hose and nozzle for small pipe, washdown gun and 25' of hose with quick disconnects, tiger tail hose protector, nozzles to be furnished, 15 degree, 35 degree, chisel point, grenade flushing type, skid assembly, and rotator nozzle



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Shop Tools & Equipment

Due to the complexity of this type of equipment, there are no base unit specifications. Purchaser should research and verify the model offered will meet their desired performance expectations. It is recommended the vendor be contacted to assist with determining needs, prior to purchase.

Units bid must be ready to work, with all necessary components and user manuals.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Shredder: Mobile Shredder

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Approximate Dimensions: Weight- 27,000 kg, length-15 740mm, width- 2 520mm, material feeding height- 3 395mm, belt discharge height- 4 030mm
- Engine: Diesel, 540 hp @ 2100 rpm, Turbocharged w/ intercooler, 750 li fuel tank
- Powertrain: Hydro-static drive w/ auto speed control, variable displacement drive motors, axial piston pumps, variable displacement
- Rotor: Rotor diameter 920mm, rotor 30 max rpm, rotor shredding length 3,000 mm, rotor knives 33, reversible type, counter knives 23, adjustable rotor screen
- Controls: Gauge package, w/ engine protection shutdown, shredder control unit to protect from overloading, overheating and damage of the powertrain
- Conveyor: Hydraulic driven conveyor, raised and lowered by hydraulics
- Trailer: Trailer to be constructed and sized for the installed unit, and will meet all local, state, and federal laws for use on highway, hydraulic support legs



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Solid Waste Material Handler: Wheeled Type

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: Tier IV final diesel engine, 132 hp, spin on filters, two stage air cleaner
- Weight: Minimum operating weight 48,000 lbs.
- Travel System: 2 speeds- 0-3.0 mph/0-12.0 mph
- Hydraulic System: Main hydraulic system flow 80 gpm
- Undercarriage: Two axles with all wheel drive, 8- 10:00x20 solid tires
- 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
- Working Equipment: Purpose built material handling boom and stick, safety check valves on boom and stick cylinders



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Stump Cutter

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: 35 hp gasoline engine, 6 gal fuel tank, positive feed oil system with spin on filter, heavy duty air filter, 12 volt starting/charging system
- Ground Drive: Hydraulic ground drive, 2-speed travel, hydraulic brake system, hydraulic steering system, hydraulic system spin on filter, 4 gal hydraulic reservoir
- Cutter Drive: Electric drive clutch, adjustable V belt drive
- Cutter Wheel: 17" diameter, 16 dual cutting edge teeth, teeth pocket mounted, cutter wheel guard
- Controls: Hour meter, low-oil shutdown, boom swing left and right, boom up and down, travel forward and reverse, steering, operator presence shutdown
- Approximate Dimensions: Weight- 1,320 lbs., length- 110", width- 49", height- 53"
- Cutting Dimensions: Above ground- 24", below ground- 15"



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Sweeper: 3-Wheel Mechanical or Regenerative Air Sweeper

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: 4-cylinder diesel engine, 74 hp minimum, 120 amp alternator, fuel water separator, 30 gal fuel tank capacity
- Transmission: Hydrostatic drive type, 35 gal reservoir, capable of 20 mph minimum
- Cab: Sealed type cab with filtered intake, tilt and telescoping steering column, tinted glass, sound suppressed, intermittent windshield wipers with washer, full gauge and warning lights for engine monitoring, climate controlled cab, heater, defroster and air conditioned, if cab is not center mounted, it must have dual controls for operating on either right or left hand side
- Frame: 116" wheelbase, rail type channel frame
- Safety Items: Dual west coast mirrors with spot mirrors, headlights, turn, brake and hazard lights, worklights for gutter brooms, cab mounted warning strobe light with protective cage, backup alarm, rearview backup camera
- Brakes/Steering: Hydraulic power assisted service brakes, parking brake, turning radius 15' maximum
- Debris Hopper: 3.5 yd. capacity minimum, 9' 6" minimum dump height
- Conveyor: Rubber belt type with flights, hydraulic drive
- Main Broom: 32" diameter minimum, 56" width tube type, hydraulic drive
- Gutter Brooms: Right & left side brooms to have adjustable down pressure located in cab, 36" diameter minimum, segmented type broom, hydraulic drive
- Water Spray System: 220 gal water tank, run dry type water pump, 15' hydrant fill hose, water spray jets adjacent to all brooms, water filter
- Pick Up Head: The following requirements are for the regenerative air system type sweeper, all other requirements are the same for either machine, 72" outside dimension, 12" pressure hose, 12" suction hose, spring type suspension
- Blower: The following requirements are for the regenerative air system type sweeper, all other requirements are the same for either machine, direct hydraulic drive, cast aluminum with abrasion resistant coating, blower housing rubber lined



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Sweeper: Cabover Mechanical Broom Street Sweeper

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Cab Chassis: Engine- 6-cylinder diesel, 200 hp minimum, transmission- automatic transmission to meet the correct engine size and GVW of vehicle, hydrostatic drive is acceptable, engine equipment- alternator- 12V/130 amp, fuel water separator, 50 gal fuel tank, cab- dual operating position type cab to include- steering, controls, etc. for sweeping from either side, rubber floor mats, air ride seating, pressurized cab with heat and air conditioning, instrumentation for truck- oil pressure, water temperatures, voltmeter gauges, instrumentation for sweeper-tachometer, hour meter, oil pressure, coolant temperature gauges, frame- rail type 80,000 psi, size- 10.9"x 3.5" x .34", frame overhang, wheelbase 130" minimum, front steel bumper, safety- Dual West Coast bright finish heated mirrors with LH & RH remote, intermittent windshield wipers, daytime running lights, backup alarm, auto shutdown, axles- front axle- 11,900 lbs. GVW, rear axle- 21,000 lbs. GVW, single speed rear axle, 22.5 x 8.25 steel wheels- disc type, 11R x 22.5 14-ply radial tires, brakes- antilock brakes, front air brakes- 15 x 4 drum, rear air brakes 16.5 x 7 drum, automatic slack adjusters- front and rear, air dryer- frame mounted
- Mounted Sweeper Body (Standard Equipment): Engine- 4 cylinder diesel, 47 hp, governed at 2,800 rpm, spin-on oil filter, alternator- 12V/60 amp, side brooms- right & left side gutter brooms (tilt control in cab), hydraulically raised & lowered, 42" diameter- segment type adjustable down pressure (Manual)- optional down pressure pump, main broom: length- 58" minimum, diameter- 35" minimum, hydraulic motor- direct or chain drive and reversible, full floating trailing arms w/shocks, lift control inside cab, sweeper body- overall height- 10' with strobe, lift capacity- 11,000 lbs. minimum, 4.5 cubic yd. hopper, dump height- 10' minimum. lift design- hydraulic 2-stage scissors, hopper inspection door, work lights- 1 on each gutter broom and one in rear, hydraulic system- hydraulic pump capacity minimum- 24 gpm @ 2,600 rpm, pump- dual tandem gear, reservoir - 21 gal, spin-on 10 micron hydraulic pump, externally mounted reservoir level indicator, water spray system- water tank construction- polyethylene and removable, water tank capacity- 280 gal minimum, fill hose 2 ½" x 16' with NST coupler, diaphragm pump type with run dry capability, pump capacity- 3.0 gpm minimum, minimum of 9 spray nozzles- 2 min per gutter broom, 3 min for main broom, water filter- 80 micron mesh cleanable, conveyor/elevator system- minimum of 9 flights- replaceable, belt material- rubber reinforced fabric, belt speed- variable with auxiliary engine rpm, drive- reversible with direct drive, elevator jam warning light & buzzer in cab, conveyer flush- built in



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Sweeper: Compact Air Sweeper - 2.3 cubic yd.

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Operating Weight: 8,800 lbs. GVWR, empty weight- 5,900 lbs.
- Engine/Transmission: 78 hp, hydrostatic drive
- Brakes/Tires: Drum type brakes (power assist), front tire size 6.50 R10, Radial, rear tire size 225/75 R10 Radial
- Sweeper Dimensions: Height- 72", width- 52", length- 162"
- Hopper: 2.3 cubic yd. capacity
- Gutter Brooms: Equipped with left and right side gutter brooms, front mounted 33.5" diameter, overall sweeping width 122"
- Water System: 66 gal recirculation water system capacity, 40 gal clean water system capacity
- Lighting/Safety: Lighting package to enable vehicle to operate on the road, work lights for operation of vehicle at night, amber warning beacon, intermittent wipers
- Comfort Items: Cab to be air conditioned and heated, suspension type operator seat
- Instrumentation: Full instrumentation to monitor operation of vehicle
- Fan Unit: Centrifugal type fan, wear resistant blades



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Sweeper: Regenerative Air Street Sweeper

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- 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 gal, 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 lbs. GVW, rear axle- 21,000 lbs. GVW, single- speed rear axle, 22.5 x 8.25 steel wheels- disc type, brakes- air dryer
- 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 gal 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



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Sweeper: Self-Propelled Hydrostatic Broom

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Weight: Minimum operating weight 5,500 lbs.
- Engine: Diesel engine 74 hp at 2,200 rpm, pre-cleaner 54 clone or equivalent, 27 gal fuel tank
- 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
- 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
- Broom: Minimum 7' 6" poly or poly-steel brush, brush shall have quick charge core system, minimum 150 gal brush watering attachment, shall have variable brush down-pressure control, brush shall be hydraulically driven



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Tactical Vehicle: Skid Steer Mounted (The Rook)

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Vehicle Platform: CAT multi-terrain loader, 84 hp diesel engine, 2-speed powertrain, operating weight 13,000 lbs., fuel tank 26 gal, hydraulic quick coupler, enclosed ROPS cab with air conditioner and heater, dual level suspension undercarriage with self level, advanced machine information and control system
- Cab Armored Protection: Bullet proof glass, NIJ Level IV armor cab reinforcement fabrication
- Armored Deployment Platform: integrated video system, breaching ram, vehicle extraction tool, grapple claw



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Tool Carrier: Hydrostatic Drive

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- 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 gal fuel tank
- 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, approximately 9,000 lbs. GVW (without attachments)
- Travel Speed: Work mode- variable 0-5 mph, travel mode- variable 0-20 mph
- Comfort, 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
- Attachment Options: Front lift arms with universal skid steer mounting plate for 10 skid steer attachments- broom/sweeper, 90" rotary mower, 88" 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' belly mower
- 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 DOT regarding the manufacturer of motor vehicles



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Tractor: Agriculture Tractor - 4x2

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: Liquid cooled diesel with minimum of 75 PTO hp @ 2,200 rpm
- Transmission: Synchroshuttle type with a minimum of 8 forward and 3 reverse speeds
- Fuel Tank: Minimum 23 gal capacity
- Brakes: Oil cooled hydraulic
- Power Take Off: Speeds rpm- 540/1,000
- Hydraulic System: Open center system with standard remotes, standard output @ remote gpm- 10, main pump flow 17 gpm
- 3-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
- Tires: Not less than 18.4R-28 R1 radials, not less than 7.5L-15, 6-Ply F2



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Tractor: Compact Articulating Tractor - AWD

Note: 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.

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: 4,500K- Briggs & Stratton 31 hp Vanguard M54
- Transmission: Manufacturer's standard hydrostatic
- 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 4,500K)
- Safety Items: Automatic PTO shut-off when weight is removed from seat, standard seatbelt, standard ROPS system, neutral assist
- Tires and Wheels: Manufacturer's standard tires and wheels (optional turf or bar tires)
- 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



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Tractor: Small Agriculture Tractor - 4x4

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: Liquid cooled diesel with minimum of 29 PTO hp @ 2,200 rpm
- Transmission: Hydrostatic drive or mechanical type transmission, 4WD front axle
- Fuel Tank: Minimum 7 gal capacity
- Brakes: Oil cooled hydraulic wet disc
- Power Take Off: Speeds rpm- 540
- 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



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Tractor: Tractor with Boom Mower - 4x4

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: Liquid cooled diesel with minimum of 95 PTO hp @ 2,200 rpm
- Transmission: Synchroshuttle type with a minimum of 16 forward and 16 reverse speeds, 4WD front axle
- Fuel Tank: Minimum 38 gal capacity
- Brakes: Oil cooled hydraulic
- Power Take Off: Speeds rpm- 540/1000
- Hydraulic System: Closed center system with standard remotes, maximum pressure psi- 2,900, standard output @ remote 17 gpm, total of 29 gpm combined flow
- Point Hitch: Category II, telescopic stabilizers, SAE lift capacity @ 24" standard lbs.- 5,000, lower draft arm link ends- extendable
- Tires: Not less than 13.6R24 R1 rear radials, not less than 18.4R30 6-Ply F2
- 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



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Trailer: Deck Over Flatbed Trailer - 16,000 lbs. GVWR

All trailers must In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Dimensions: Deck width- 8' 6", overall deck length- 25', dovetail length- 5', GVWR- 16,000 lbs.
- 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
- Deck: 2 x 8 pressure treated deck, Galvanized deck screws, 5' dovetail, spring assist stand up ramps
- Axles: Tandem 8,000 lbs. Dexter oil bath axles (2), electric brakes, breakaway brake system with well cell battery
- Lighting System: Protected turn/stop/tail lights, wiring run in conduit, heavy duty trailer plug
- Miscellaneous: Spare tire and rack, lockable tool box, primed and painted- choice of color, tongue jack rated for GVWR of trailer



**FSA23-EQU21.0: Heavy Equipment
Item Group Specifications**

Trailer: Deck Over Equipment - 40,000 lbs. GVWR

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Deck: 24' overall, 19' w/ 60" dovetail, 96" width
- Decking: 2" hardwood
- Ramps: 60" fold up ramps, 22" width
- Tiedowns: Heavy duty tiedowns
- Axles: (2) 22,500 lbs. axles, oil lubricated
- Brakes: Air brakes, w/ ABS
- Suspension: Multi-leaf, sized for GVWR of unit
- Tires: (8) 215/75R x 17.5 16 ply Radial
- Lighting: LED, DOT compliant stop, tail, turn and clearance
- Coupler: Adjustable pintle eye
- Jack: 2-speed jack, sized for trailer



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Trailer: Detachable Neck Lowboy Trailer 100,000 lbs. GVWR

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Deck: 50' overall, 24' clear deck length, 14' rear over axles, 8'6" deck width, swing out outriggers
- Decking: 1 ½" hardwood decking
- Ramps: Front folding ramps
- Tiedowns: 5 pair heavy duty tiedowns
- Flagholders: 2 pair
- Axles: 3, sized to meet GVWR of unit, oil lubricated
- Brakes: Air brakes, w/ ABS, automatic slack adjusters
- Suspension: Air ride type, sized for GVWR of unit
- Tires: 235/70R 22.5 Radial tires
- Lighting: LED DOT compliant stop/tail/turn, clearance, and mid turn
- Detachable Gooseneck: 48" kingpin height, fixed neck, 96" swing radius, hydraulic lift, hydraulic support, toolbox on neck



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Trailer: Enclosed Cargo Trailer - 7,000 lbs. GVWR

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Dimensions: Width- 7', length- 16', 7,000 lbs. GVWR
- Frame: Formed angle top and bottom sills, all exposed steel primed and painted, positive lock ball coupler, tongue jack, safety chains- DOT rated
- Floor/Walls/Roof: ¾" exterior grade plywood floor, ¼" 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
- Axles: Tandem 3,500 lbs. torflex axles, 15" wheels, 205 x 15 trailer rated tires, electric brakes with breakaway switch
- Lighting System: Protected turn/stop/tail lights, clearance lights, wiring run in conduit, heavy duty trailer plug
- Miscellaneous: Spare wheel and tire



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Trailer: Enclosed Utility Body/Trailer Mounted - 9,900 lbs. GVWR

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Length: 205"
- Width: 89"
- Weight: 4,600 lbs.
- GVWR: 9,900 lbs.
- Frame Construction: I beam type frame, specifically engineered to mount Knapheide KUVCC Body on
- Front Jack: Manual
- Rear Leg Stabilizers: 2 rear leg stabilizers
- Axle: 10,000 lbs. Torflex axle, oil hubs
- Brakes: Electric brakes
- Wheels and Tires: Dual rear wheels, tires sized for GVWR of unit
- Lighting: LED type, stop/turn/tail, backup
- Utility Body: Knaphiede KUVCC body
- Doors: Continuous hinges, rotary latches, adjustable strikers, double panel, duel seals, master lock, hold open springs
- Roof: Cross braced, rotary latches, adjustable strikers
- Rear Cargo Doors: Double panel, hold open shocks, door seals, rotary latches, adjustable strikers
- Interior Lights: LED lighting
- Shelving: 250 lbs. rating, hemmed dividers
- Floor: 1/8" treadplate w/cross sills
- Undercoating: Entire unit to be undercoated



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Trailer: Fixed Neck Lowboy Trailer - 70,000 lbs. GVWR

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Deck: 43' overall, 27' clear deck length, 4' dovetail
- Decking: 1 ½" hardwood decking
- Ramps: 8' x 3', fold up ramps, hydraulically raised
- Tiedowns: 8 pair heavy duty tiedowns
- Flagholders: 2 pair
- Axles: 2 sized to meet GVWR of unit, oil lubricated
- Brakes: Air brakes, w/ ABS, automatic slack adjusters
- Suspension: Spring type, sized for GVWR of unit
- Tires: 235/75R 17.5 Radial tires
- Lighting: LED DOT compliant stop/tail/turn, clearance, and mid turn
- Gooseneck: 48" kingpin height, fixed neck, 84" swing radius, toolbox on neck
- Landing Gear: 2 speed, 50,000 lbs. capacity



**FSA23-EQU21.0: Heavy Equipment
Item Group Specifications**

Trailer: Hydraulic Drop Deck Trailer - 13,500 lbs. GVWR

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- GVWR: 13,500 lbs.
- Deck: 75" x 14', ground flat loading
- Lift Mechanism: Hydraulic
- Suspension: Rubber or air
- Deck: Steel treadplate
- Brakes: Electric on all axles
- Tires: 235/80R16 LRE Radial
- Lighting: All LED DOT compliant, stop/tail/turn, clearance
- Coupler: A-frame adjustable
- Tie Downs: Heavy duty D-Ring



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Trailer: Hydraulic Tail Trailer - 70,000 lbs. GVWR

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- 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
- Deck: 1 ½" apitone or oak decking, 1 ½", floor plate over wheels, traction plate on hydraulic tail
- Hydraulic Tail: 8' main tail, 4' fold under tail, hydraulic actuated with tail lock, 14 degree load angle
- Landing Gear: Pin drop type or 2 speed type
- Axles/Suspension/Tires: 2- 22,500 lbs. axles, oil seal hubs, 6.5 x 17.5 steel wheels, 235/75R x 17.5 radial tires, air brakes with automatic slack adjustors, ABS brake system, air ride suspension with auto and manual controls
- Lighting: LED lighting, wiring in conduit, mid turn signals, lighting as per DOT regulations
- Miscellaneous Equipment: 12,000 lbs. 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



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Trailer: Leachate Tanker - 6,500 gallons

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Approximate Dimensions: Length: 42', fifth wheel height- 49", capacity- 6,500 gal, operating pressure- 15 psi w/ vacuum relief
- Tank Construction: Stainless steel, external ring, one compartment, 6,500 gal, straight round w/ slope to rear, two baffles , three manways (lug) one located center and one in each baffled section, two manway cleanouts (4 lug) located in front head and rear head at bottom
- Top Walkway: Gripstrut 12" width, extending from rear to front manway, with handrail, and ladder to access walkway
- Discharges, Valves, and Plumbing: Pressure/vacuum relief valve 15 psi in manhole cover, 6" discharge w/ sliding gate valve at rear of tank drain pump, 4" discharge to pump w/ valve, manufacturer's plumbing to allow gravity discharge or pump discharge or filling, gravity discharge at rear of tank to utilize cam lock fittings and caps
- Pump: Hydraulically driven, bi-directional pump, controls at rear, stainless piping for pump hydraulics from pump to front curbside for truck attachment
- Hose Carriers: Located on fenders
- Cabinets: Two cabinets mounted curbside and roadside ahead of suspension
- Trailer Constuction: Stainless steel frame
- Axles: Two axles sized for GVWR of unit, oil lubricated hubs
- Brakes: Air brakes w/ ABS and rollover protection, aluminum air tanks, automatic slack adjusters
- Tires: Radial tires sized for GVWR of unit, aluminum wheels w/ mudflaps
- Landing Gear: Sized for GVWR of unit
- Lights: LED clearance, stop/turn/tail, all wiring run in protective conduit, worklight, w/ switch at rear, all wiring run to junction box at front of trailer
- Color: Stainless Steel



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Trailer: Livestock Trailer - 7,000 lbs. GVWR

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- GVWR: 7,000 lbs.
- Stall Size: 76" x 16'
- Interior Height: 6' 6"
- Doors: Side escape door and full swing rear, center cut gate
- Deck: Treated pine
- Axles: (2) 3,500 lbs., quick lubricating
- Brakes: Electric on all axles
- Suspension: Multi-leaf
- Tires: 205/75R15 Radial
- Lighting: All LED DOT compliant, stop/tail/turn, clearance
- Coupler: A-frame ball style
- Jack: 2,000 lbs. heavy duty



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Trailer: Pull Behind Dump Trailer - 14,000 lbs. GVWR

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- GVWR: 14,000 lbs.
- Bed: Grease fittings on all hinges, D-ring tie downs
- Bed Size & Frame: Width- 6' 8", length- 14', deck height- 24", tube steel box, 10GA bed floor, rear stabilizers, 12,000 lbs. tongue jack, 20" high sides and tailgate minimum
- 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
- Miscellaneous: Conspicuity type on sides, tail/stop/turn lights, 7-way trailer plug, tarp system, spare tire, pintle type hitch or ball (customer selected)



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Trailer: Refrigeration/Freezer Trailer - 7,000 lbs. GVWR

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- GVWR: 7,000 lbs.
- Cooler Box Size: 72" x 12'
- Interior Height: 6' 5"
- Temperature Range: 0 to 50 degrees F
- Input Voltage: 120V 15A
- Insulation: R-25
- Food Safety: Anti-microbial gel or stainless interior coating
- Doors: 48" rear door with freezer strips
- Floor: ¾" keg duty floor
- Axles: (2) 3,500 lbs., quick lubricating
- Brakes: electric on all axles
- Tires: 205/75R15 Radial tires
- Lighting: All LED DOT compliant, stop/tail/turn, clearance
- Jack: 2,000 lbs. heavy duty
- Coupler: A frame ball type



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Trailer: Utility/Equipment Trailer - 7,000 lbs. GVWR

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Deck Size: 77" x 16'
- Sidewall Frame Height: 15" minimum
- Ramps: 48" rear folding tailgate
- Tie Downs: Heavy duty tie rings
- Deck: Treated pine
- Axles: (2) 3,500 lbs., quick lubricating
- Brakes: Electric on all axles
- Suspension: Multi-leaf
- Tires: 205/75R15 Radial tires
- Lighting: All LED DOT compliant, stop/tail/turn, clearance
- Coupler: A-frame 2 5/16" ball adjustable 4 hole
- Jack: 2,000 lbs. heavy duty



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Trailer: Waste Trailer with Walking Floor

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Dimensions: Length- 48', aluminum width- 102", side height- 100"
- Floor: Keith or Hallco running floor, extreme duty slats with center rib
- Crossmembers: 14" spacing
- Crosstubes: Center and rear crosstubes, bolt in style
- Lights: LED lights, mid turn lights.
- Tarp: Manual roll type- side to side, mesh type tarp
- Tailgate: Side swing- left or right, CAM locking system with safety chain, extreme duty hinges
- Landing Gear: Holland Mark V
- Axles: TP axles or equivalent, same inner and outer bearings, outboard mount hubs
- Suspension: Cast hangers, leaf springs
- Tires and Wheels: Steel disc 22.5 x 8.25, 11R22.5 Radial tires
- Miscellaneous: Tow hooks on rear, air deflector in front



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Transfer Switch: 600 Amp Automatic Transfer Switch

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Automatic Transfer Switch: Maximum voltage rating of 600 VAC, 60 Hz, 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
- Rating: 600 amp, 3 pole, 277/480 VAC, 60Hz, enclosure type- NEMA 3r
- 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.
- 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 generator power switching device, the transfer mechanism shall stop in the neutral position (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 re-transfer 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.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

- **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.
- **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 mechanism operation, all mechanical fasteners/wire connections tight, confirmations of correct transfer switch voltage, current and withstand ratings as is required for the application, 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.
- **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 1,500 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.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Trencher: Walk Behind Trencher

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Engine: 25 hp gasoline engine, 7 gal fuel tank, positive feed oil system with spin on filter, 12 volt starting/charging system
- Ground Drive: Hydrostatic, rubber ground tracks, 7" track width, 31" track length on ground
- Trencher Drive: Hydraulic drive, 8 gal hydraulic reservoir, hydraulic system spin on filter
- Trencher Boom: Digging depth- 48", Auger diameter- 18", cutting width minimum- 4"
- Controls: Operator presence safety system, low-oil shutdown system, steering control, trencher controls, travel control, boom controls
- Approximate Dimensions: Weight- 1,550 lbs., length- 79", width- 34", height- 48"



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Underground Locating Equipment: Ground Penetrating Radar

Due to the complexity of this type of equipment, there are no base unit specifications. Purchasers should research and verify the unit bid will meet their desired performance expectations and is compatible with their hardware/software, if required. It is recommended the vendor be contacted to assist with determining performance and compatibility needs prior to purchase.

Unit bid must be ready to work with batteries, carrying cases, and technical manuals.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Underground Locating Equipment: Utility Locator

Due to the complexity of this type of equipment, there are no base unit specifications. Purchasers should research and verify the unit bid will meet their desired performance expectations and is compatible with their hardware/software, if required. It is recommended the vendor be contacted to assist with determining performance and compatibility needs prior to purchase.

Unit bid must be ready to work with batteries, carrying cases, and technical manuals.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Vehicle Lift: Mobile - 2 Column, Cabled

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Minimum Lift Capacity: Combined lift capacity of 36,000 lbs., 18,000 lbs. per column minimum
- Dimension: Width- 45" minimum, length- 48" minimum, minimum rise- 67"
- 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
- 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.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Vehicle Lift: Mobile - 2 Column, Wireless

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Minimum Lift Capacity: Combined lift capacity of 36,000 lbs., 18,000 lbs. per column minimum
- Dimension: Width- 45" minimum, length- 48" minimum, minimum rise- 67"
- 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, training included with purchase
- 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.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Vehicle Lift: Mobile - 4 Column, Cabled

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Minimum Lift Capacity: Combined lift capacity of 72,000 lb. ; 18,000 lb. per column minimum.
- Dimension: Width- 45" minimum, length- 48" minimum, minimum rise- 67"
- 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
- 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.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Vehicle Lift: Mobile - 4 Column, Wireless

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Minimum Lift Capacity: Combined lift capacity of 72,000 lbs., 18,000 lbs. per column minimum
- Dimension: Width- 45" minimum, length- 48" minimum, minimum rise- 67"
- 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, training included with purchase
- 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.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Vehicle Lift: Mobile - 6 Column, Cabled

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Minimum Lift Capacity: Combined lift capacity of 108,000 lbs., 18,000 lbs. per column minimum
- Dimension: Width- 45" minimum, length- 48" minimum, rise minimum- 67", fits tire sizes 9"-24"
- Operation: Weight gage for each column, operating LCD screen, speed- fully lowered to raised not to exceed 80 seconds
- Safety: Mechanical safety locks, override to manual operation in the event of power loss, meets all applicable safety standards
- 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.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Vehicle Lift: Mobile - 6 Column, Wireless

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Minimum Lift Capacity: Combined lift capacity of 108,000 lbs., 18,000 lbs. per column minimum
- Dimension: Width- 45" minimum, length- 48" minimum, rise minimum- 67", fits tire sizes 9"-24"
- Operation: Weight gage for each column, operating LCD screen, speed- fully lowered to raised not to exceed 80 seconds
- Safety: Mechanical safety locks, override to manual operation in the event of power loss, meets all applicable safety standards: training included with purchase
- 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.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Vehicle Lift: Mobile - 8 Column, Cabled

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Minimum Lift Capacity: Combined lift capacity of 144,000 lb. ; 18,000 lb. per column minimum.
- Dimension: Width- 45", length- 48" minimum, rise minimum- 67", fits tire sizes 9"-24"
- Operation: Weight gage for each column, operating LCD screen, speed- fully lowered to raised not to exceed 80 seconds
- Safety: Mechanical safety locks, override to manual operation in the event of power loss, meets all applicable safety standards
- 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.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Vehicle Lift: Mobile - 8 Column, Wireless

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Minimum Lift Capacity: Combined lift capacity of 144,000 lbs., 18,000 lbs. per column minimum
- Dimension: Width- 45" minimum, length- 48" minimum, rise minimum- 67", fits tire sizes 9"-24"
- Operation: Weight gage for each column, operating LCD screen, speed- fully lowered to raised not to exceed 80 seconds
- Safety: Mechanical safety locks, override to manual operation in the event of power loss, meets all applicable safety standards, training included with purchase
- 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.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Vehicle Lift: Stationary - 2 Post Asymmetric Stationary Vehicle Lift 10k

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Minimum Lift Capacity: 10,000 lbs.
- 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'
- Operation: Speed of rise- fully lowered to fully raised in 50 seconds
- Safety: Manual or automatic lock release, meets all applicable safety standards
- Motor: 2.0 hp 208-230 V minimum
- 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.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Vehicle Lift: Stationary - 2 Post Symmetric Stationary Vehicle Lift 12k

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Minimum Lift Capacity: 12,000 lbs.
- Dimension: Minimum width- 139", minimum width between posts- 114 7/8", minimum extended cylinder height- 160", minimum full rise height- 72", maximum ceiling height required- 16'
- Operation: Speed of rise- fully lowered to fully raised in 90 seconds
- Safety: Manual or automatic lock release, meets all applicable safety standards
- Motor: 2.0 hp 208-230 V minimum
- 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.



FSA23-EQU21.0: Heavy Equipment Item Group Specifications

Vehicle Lift: Stationary - 2 Post Symmetric Stationary Vehicle Lift 15k

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Minimum Lift Capacity: 15,000 lbs.
- Dimension: Minimum width- 125", minimum width between posts- 120", minimum extended cylinder height- 160", minimum full rise height- 72", maximum ceiling height required- 17'
- Operation: Speed of rise- fully lowered to fully raised in 90 seconds
- Safety: Manual or automatic lock release, meets all applicable safety standards
- Motor: 2.0 hp 208-230 V minimum
- 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.



**FSA23-EQU21.0: Heavy Equipment
Item Group Specifications**

Vehicle Lift: Stationary - 2 Post Symmetric Stationary Vehicle Lift 18k

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Minimum Lift Capacity: 18,000 lbs.
- Dimension: Minimum width- 125", minimum width between posts- 118", minimum extended cylinder height- 142.5", minimum full rise height- 85", maximum ceiling height required- 17'
- Operation: Speed of rise- fully lowered to fully raised in 60 seconds
- Safety: Manual or automatic lock release, meets all applicable safety standards
- Motor: 3.0 hp 208-230 V minimum
- 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.



**FSA23-EQU21.0: Heavy Equipment
Item Group Specifications**

Vehicle Lift: Stationary - 2 Post Versymmetric Stationary Vehicle Lift 10k

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- 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, 3' height extension available, 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- 2 hp, 208V-230V, 60 Hz, 1 Ph, speed of rise- 38 seconds, ceiling height required 12', ALI/ETL certified



**FSA23-EQU21.0: Heavy Equipment
Item Group Specifications**

**Vehicle Lift: Stationary - 4 Column, Alignment Lift with Front/Rear Jacks and Integrated
Turntables and Slip Plates 14k**

In addition to the manufacturer base specification for the item or model number indicated, items in this group must meet the following FSA base specification:

FSA Base Specification

- Lifting Capacity: 15,000 lbs.
- Lifting Configuration: 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- 2 hp, 208V-230V, 60 Hz, speed or rise- 85 seconds, minimum recommended bay size- 12' x 26', ALI/ETL certified, colors available- red, blue, black