

CITY OF SAN ANTONIO
PURCHASING AND GENERAL SERVICES DEPARTMENT

FORMAL INVITATION FOR BID ("IFB") NO.: 6100006993

MEDIUM EQUIPMENT II

ORIGINAL

Date Issued: DECEMBER 21, 2015

BIDS MUST BE RECEIVED NO LATER THAN:
2:00 PM, C.T. - JANUARY 20, 2016

Bids may be submitted by any of the following means:
Electronic submission through the Portal
Hard copy in person or by mail

Address for hard copy responses:

Physical Address:
City Clerk's Office
100 Military Plaza
San Antonio, Texas 78205

Mailing Address:
City Clerk's Office
P.O. Box 839966
San Antonio, Texas 78283-3966

For Hard Copy Submissions, Mark Envelope
"MEDIUM EQUIPMENT II"

Bid Due Date: 2:00 p.m. – C.T., JANUARY 20, 2016

Bid No.: 6100006993

Bidder's Name and Address

Bid Bond: Performance Bond: Payment Bond: Other:

See Supplemental Terms & Conditions for information on these requirements.

Affirmative Procurement Initiative: NO DBE / ACDBE Requirements:

See Instructions for Bidders and Attachments sections for more information on these requirements.

Pre-Submittal Conference *

* If YES, the Pre-Submittal conference will be held on January 5, 2016 at 3:00 pm – Central Time at Building & Equipment, Fleet Training Room, 329 S. Frio, San Antonio, Texas 78207

Staff Contact Person: ABIGAIL JOHNSTON, PROCUREMENT SPECIALIST III, P.O. Box 839966, San Antonio, TX 78283-3966.

Email: ABIGAIL.JOHNSTON@SANANTONIO.GOV

SBEDA Contact Information: DAVID RODRIGUEZ, 210-207-0071, DAVID.RODRIGUEZ3@SANANTONIO.GOV

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003 - INSTRUCTIONS FOR BIDDERS

Submission of Bids.

Submission of Hard Copy Bids. Submit one original bid, signed in ink, and two copies of the bid enclosed in a sealed envelope addressed to the City Clerk at the address and by the due date provided on the Cover Page. The name and address of Bidder, the date and hour of the bid opening, bid number and title of the bid solicitation shall be marked on the outside of the envelope(s). All times stated herein are Central Time. Any bid or modification received after the time and date stated on the Cover Page shall be rejected.

Submission of Electronic Bids. Submit one bid electronically by the due date provided on the Cover Page. All times stated herein are Central Time. Any bid or modification received after the time and date stated on the Cover Page shall be rejected. All forms in this solicitation which require a signature must have a signature affixed thereto, either by manually signing the document, prior to scanning it and uploading it with your submission, or affixing it electronically.

Bids sent to City by facsimile or email shall be rejected.

Modified Bids. Bids may be modified provided such modifications are received prior to the time and date set for submission of bids, and submitted in the same manner as original bids. For hard copy bids, provide a cover letter with the bid, indicating it is a modified bid and that the Original bid is being withdrawn. For electronic bids, a modified bid will automatically replace a prior bid submission. See below for information on submitting Alternate Bids.

City shall not be responsible for lost or misdirected bids or modifications.

Bidders must sign the Signature Page on hard copy bids and return the IFB document to City. For electronic bids, Bidder's electronic submission, with accompanying affirmations, constitutes a binding signature for all purposes.

Bidders are cautioned that they are responsible for the security of their log on ID and password, since unauthorized use could result in Bidder's being held liable for the submission.

Certified Vendor Registration Form. If Bidder has not completed City's Certified Vendor Registration (CVR) Form, Bidder is required to do so prior to the due date for submission of bids. The CVR form may be accessed at: <http://www.sanantonio.gov/purchasing/>. Bidders must identify the correct name of the entity that will be providing the goods and/or services under the contract. No nicknames, abbreviations (unless part of the legal title), shortened or short-hand names will be accepted in place of the full, true and correct legal name of the entity.

Alternate Bids. Alternate bids may be allowed at the sole discretion of City.

Hard Copy Alternate Bids. Alternate bids must be submitted in separate sealed envelopes in the same manner as submission of other bids. Alternate bids must be marked consecutively on the envelope as Alternate Bid No. 1, 2, etc. Failure to submit alternate bids in separate envelopes may result in rejection of a bid.

Electronic Alternate Bids Submitted Through the Portal. All alternate bids are recorded with original bids when submitted electronically.

Catalog Pricing. (This section applies to bids using catalog pricing.)

The bid will be based on manufacturer's latest dated price list(s). Said price list(s) must denote the manufacturer, latest effective date and price schedule.

Bidders shall be responsible for providing one copy of the manufacturer's catalog for each manufacturer for which a bid is submitted. Bidder shall provide said catalog at the time of submission of its bid. Manufacturers' catalogs may be submitted in any of the following formats: paper copy or CD ROM for bids submitted on paper, or PDF file for bids submitted electronically.

Bidders may submit price lists other than the manufacturer's price list. Said price list(s) must denote the company name, effective date and price schedule. These price lists are subject to approval of City Purchasing & General Services Department.

Specified items identified herein, if any, are for overall bid evaluation and represent the commonly and most used items. Net prices entered for those specified items must reflect the actual price derived from quoted price list less all discounts offered.

Restrictions on Communication.

Bidders are prohibited from communicating with: 1) elected City officials and their staff regarding the IFB or bids from the time the IFB has been released until the contract is posted as a City Council agenda item; and 2) City employees from the time the IFB has been released until the contract is awarded. These restrictions extend to "thank you" letters, phone calls, emails and any contact that results in the direct or indirect discussion of the IFB and/or bid submitted by Bidder. Violation of this provision by Bidder and/or its agent may lead to disqualification of Bidder's bid from consideration.

Exceptions to the restrictions on communication with City employees include:

Bidders may ask verbal questions concerning this IFB at the Pre-Submittal Conference.

Bidders may submit written questions, or objections to specifications, concerning this IFB to the Staff Contact Person listed on the Cover Page on or before 7 calendar days prior to the date bids are due. Questions received after the stated deadline will not be answered. Questions submitted and City's responses will be posted with this solicitation. All questions shall be sent by e-mail or through the portal.

Bidders may provide responses to questions asked of them by the Staff Contact Person after bids are received and opened. The Staff Contact Person may request clarification to assist in evaluating Bidder's response. The information provided is not intended to change the bid response in any fashion. Such additional information must be provided within two business days from City's request.

Bidders and/or their agents are encouraged to contact the Small Business Office of the International and Economic Development Department for assistance or clarification with issues specifically related to the City's Small Business Economic Development Advocacy (SBEDA) Program policy and/or completion of the SBEDA form(s), if any. The point of contact is identified on the Cover Page. Contacting the Small Business Office regarding this IFB after the bid due date is not permitted. If this solicitation contains Affirmative Procurement Initiatives, it will be noted on the Cover Page.

If this solicitation contains DBE/ACDBE requirements, bidders and/or their agents may contact the Aviation Department's DBE/ACDBE Liaison Officer for assistance or clarification with issues specifically related to the DBE/ACDBE policy and/or completion of the required form(s). Point of contact is Ms. Lisa Brice, who may be reached via telephone at (210) 207-3505 or through e-mail at lisa.brice@sanantonio.gov. Bidders and/or their agents may contact Ms. Brice at any time prior to the due date for submission of bids. Contacting her or her office regarding this IFB after the bid due date is not permitted. If this solicitation contains DBE/ACDBE requirements, it will be noted on the Cover Page.

Pre-Submittal Conference.

If a Pre-Submittal Conference is scheduled, it will be held at the time and place noted on the Cover Page. Bidders are encouraged to prepare and submit their questions in writing in advance of the Pre-Submittal Conference in order to expedite the proceedings. City's responses to questions received prior to the conference may be distributed at the Pre-Submittal Conference and posted with this solicitation. Attendance at the Pre-Submittal Conference is optional, but highly encouraged.

This meeting place is accessible to disabled persons. Call the Staff Contact Person for information on the location of the wheelchair accessible entrance, or to request an interpreter for the deaf. Interpreters for the deaf must be requested at least 48 hours prior to the meeting. For other assistance, call (210) 207-7245 Voice/TTY.

Any oral response given at the Pre-Submittal Conference that is not confirmed in writing and posted with this solicitation shall not be official or binding on the City.

Changes to IFB.

Changes to this IFB made prior to bid opening shall be made directly to the original IFB. Changes are captured by creating a replacement version each time the IFB is changed. It is Bidder's responsibility to check for new versions

until the bid due date. City will assume that all bids received are based on the final version of the IFB as it exists on the day bids are due.

No oral statement of any person shall modify or otherwise change or affect the terms, conditions or specifications stated in the IFB.

Preparation of Bids.

All information required by the IFB must be furnished or the bid may be deemed non-responsive and rejected. Any ambiguity in the bid as a result of omission, error, unintelligible or illegible wording shall be construed in the favor of City.

Correct Legal Name. If Bidder is found to have incorrectly or incompletely stated the name of the entity that will provide goods and/or services, the bid may be rejected.

Line Item Bids. Any bid that is considered for award by each unit or line item, must include a price for each unit or line item for which Bidder wishes to be considered. All bids are awarded on the basis of low line item, low total line items, or in any other combination that serves the best interest of City, unless City designates this solicitation as an "all or none" bid in the Supplemental Terms & Conditions.

All or None Bids. Any bid that is considered for award on an "all or none" basis must include a price for all units or line items. In an "All or None" bid, a unit price left blank shall result in the bid being deemed nonresponsive and disqualified from consideration. An "All or None" bid is one in which City will award the entire contract to one bidder only.

Delivery Dates. Proposed delivery dates must be shown in the bid form where required and shall include weekends and holidays, unless specified otherwise in this IFB. Proposed delivery times must be specific. Phrases such as "as required", "as soon as possible" or "prompt" may result in disqualification of the bid. Special delivery instructions, if any, may be found in the Specifications / Scope of Services section of this document, or in the Purchase Order.

Tax Exemption. The City of San Antonio is exempt from payment of federal taxes, and State of Texas limited sales excise and use taxes. Bidders must not include such taxes in bid prices. An exemption certificate will be signed by City where applicable upon request by Bidder after contract award.

Description of Supplies.

Any brand names, catalog or manufacturer's reference used in describing an item is merely descriptive, and not restrictive, unless otherwise noted, and is used only to indicate quality and capability desired.

Bids submitted for comparable items must clearly identify the proposed product, model, and type, as applicable, and shall include manufacturer specification sheet(s) for each proposed item with bid response. Product specifications shall be the most current available and be sufficiently detailed and descriptive so as to permit City to determine the item's suitability and compliance with bid specifications. City shall be the sole judge of equality and suitability of comparable items.

Pro-rata adjustments to packaging and pricing may be allowed at the sole discretion of City.

Samples, Demonstrations and Pre-award Testing. If requested by City, Bidder shall provide product samples, demonstrations, and/or testing of items bid to ensure compliance with specifications prior to award of the contract. Samples, demonstrations and/or testing must be provided within 7 calendar days of City's request. Failure to comply with City's request may result in rejection of a bid. All samples (including return thereof), demonstrations, and/or testing shall be at Bidder's expense. Samples will be returned upon written request. Requests for return of samples must be made in writing at the time the samples are provided. Otherwise, samples will become property of City at no cost to City. Samples that are consumed or destroyed during demonstrations or testing will not be returned.

Estimated Quantities for Annual Contracts.

Designation as an "annual" contract is found in the contract's title on the Cover Page of this document. The quantities stated are estimates only and are in no way binding upon City. Estimated quantities are used for the purpose of evaluation. City may increase or decrease quantities as needed. Where a contract is awarded on a unit price basis, payment shall be based on the actual quantities supplied.

Bidders shall thoroughly examine the drawings, specifications, schedule(s), instructions and all other contract documents.

Bidders shall make all investigations necessary to thoroughly inform themselves regarding plant and facilities for delivery of material and equipment, or conditions and sites/locations for providing goods and services as required by this IFB. No plea of ignorance by Bidder will be accepted as a basis for varying the requirements of City or the compensation to Bidder.

Confidential or Proprietary Information. All bids become the property of the City upon receipt and will not be returned. Any information deemed to be confidential by Bidder should be clearly noted; however, City cannot guarantee that it will not be compelled to disclose all or part of any public record under the Texas Public Information Act, since information deemed to be confidential by Bidder may not be considered confidential under Texas law, or pursuant to a Court order. Note that pursuant to state law, bids are opened publicly and read aloud. In addition, bids are tabulated and posted to the City's website, so shall not be considered proprietary or confidential.

Interlocal Participation.

City may engage in cooperative purchasing with other governmental entities or governmental cooperatives ("Entity" or "Entities") to enhance City's purchasing power. At City's sole discretion and option, City may inform other Entities that they may acquire items listed in this IFB. If this contract will be subject to cooperative purchasing, such fact will be indicated in the Supplemental Terms and Conditions portion of this IFB. Such acquisition(s) shall be at the prices stated in the bid, and shall be subject to Bidder's acceptance. Entities desiring to acquire items listed in this IFB shall be listed on a rider attached hereto, if known at the time of issuance of the IFB. City may issue subsequent riders after contract award setting forth additional Entities desiring to utilize this bid.

Bidder must sign and submit the rider, if attached to this IFB, with its bid, indicating whether Bidder wishes to allow other Entities to use its bid. Bidder shall sign and return any subsequently issued riders within ten calendar days of receipt. Bidder's decision on whether to allow other Entities to use the bid shall not be a factor in awarding this IFB.

Costs of Bidding. Bidder shall bear any and all costs that are associated with the preparation of the Bid, attendance at the Pre-Submittal Conference, if any, or during any phase of the selection process.

Rejection of Bids.

City may reject any and all bids, in whole or in part, cancel the IFB and reissue the solicitation. City may reject a bid if:

Bidder misstates or conceals any material fact in the bid; or

The bid does not strictly conform to law or the requirements of the solicitation;

The bid is conditional; or

Any other reason that would lead City to believe that the bid is non-responsive or Bidder is not responsible.

City, in its sole discretion, may also waive any minor informalities or irregularities in any bid, such as failure to submit sufficient bid copies, failure to submit literature or similar attachments, or business affiliation information.

Variances and Exceptions to Bid Terms. In order to comply with State law, bidders must submit bids on the same material terms and conditions. Bids that contain material variances or exceptions to the terms and conditions, including additional terms and conditions, will be rejected.

Changes to Bid Form. Bids must be submitted on the forms furnished. Bids that change the format or content of City's IFB will be rejected.

Withdrawal of Bids. Bids may be withdrawn prior to the time set for the bid opening. Written notice of withdrawal shall be provided to the City Clerk for bids submitted in hard copy. Bids submitted electronically may be withdrawn electronically.

Bid Opening. Bids will be opened publicly and read aloud at 2:30 pm. – C.T., on the day the bids are due. Bid openings are held at Purchasing & General Services, Riverview Tower, 11th Floor, 111 Soledad, Suite 1100, San Antonio, Texas 78205.

Evaluation and Award of Contract.

Per Section §252.043 of the Texas Local Government Code, the contract will be awarded to the lowest responsible bidder. The Purchasing Division evaluates bids for responsiveness and the responsibility of the bidder, and makes a recommendation to the City Council. The City Council makes the final determination regarding award.

City reserves the right to make an award on the basis of low line item, low total line items, or in any other combination that serves the best interest of City, unless City designates this solicitation as an "all or none" bid in the Supplemental Terms & Conditions.

A written award of acceptance (manifested by a City Ordinance) and Purchase Order furnished to Bidder results in a binding contract without further action by either party. Vendor must have the Purchase Order before making any delivery.

City reserves the right to utilize historical usage data as a basis for evaluation of bids when future usages are unable to be determined.

Breaking of tie bids shall be in accordance with the Texas Local Government Code §271.901.

City reserves the right to delete items prior to the awarding of the contract, and purchase said items by other means.

Inspection of Facilities/Equipment.

Depending on the nature of the IFB, Bidders' facilities and equipment may be a determining factor in making the bid award. All bidders may be subject to inspection of their facilities and equipment.

Prospective bidders must prove beyond any doubt to City Purchasing Administrator that they are qualified and capable of performing the contract's requirements.

Prompt Payment Discount.

Provided Bidder meets the requirements stated herein, City shall take Bidder's offered prompt payment discount into consideration. The evaluation will not be based on the discount percentage alone, but rather the net price as determined by applying the discount to the bid price, either per line item or total bid amount. However, City reserves the right to reject a discount if the percentage is too low to be of value to City, all things considered. City may also reject a discount if the percentage is so high as to create an overly large disparity between the price City would pay if it is able to take advantage of the discount and the price City would pay if it were unable to pay within the discount period. City may always reject the discount and pay within the 30 day period, at City's sole option.

City will not consider discounts that provide fewer than 10 days to pay in order to receive the discount.

For example, payment terms of 2% 5, Net 30 will NOT be considered in bid evaluations or in the payment of invoices. However, payment terms of 2% 10, Net 30 will result in a two percent reduction in the bid price during bid evaluation, and City will take the 2% discount if the invoice is paid within the 10 day time period.

Tabulations. The Purchasing Division will post preliminary tabulations within 7 days of the advertised bid opening. The information on these tabulations will be posted for informational purposes only, and will be posted as read during the bid opening. This tabulation is not a notice of award of the contract. All bids are subject to review for completeness, accuracy and compliance with the terms set forth in the bid documents.

Bid Protest Procedures.

Any bidder who is adversely affected in connection with the solicitation, evaluation, or proposed award of a contract may file a protest with the Director and appeal any adverse decision to the City Manager of the City of San Antonio.

Bidder must deliver a written notice of protest to the Director within 7 calendar days of the posting of the intent to award. If Bidder does not file a written notice within this time, Bidder will have waived all rights to formally protest the intent to award. It is Bidder's responsibility to check the City's website posting.

Debriefing. Debriefing of contract award is available upon request and after award of the Contract.

Prohibited Financial Interest. The Charter of the City of San Antonio and its Ethics Code prohibit a City officer or employee, as those terms are defined in the Ethics Code, from having a financial interest in any contract with City or any City agency such as City-owned utilities. An officer or employee has a "prohibited financial interest" in a contract with City or in the sale to City of land materials, supplies or service, if any of the following individual(s) or entities is a party to the contract or sale: the City officer or employee; his parent, child or spouse; a business entity in which he or his parent, child or spouse owns ten (10) percent or more of the voting stock or shares of the business entity, or ten (10) percent or more of the fair market value of the business entity; or a business entity in which any individual or entity above listed is a subcontractor on a City contract, a partner or a parent or subsidiary business entity.

Conflict of Interest. Effective January 1, 2006, Chapter 176 of the Texas Local Government Code requires that persons, or their agents, who seek to contract for the sale or purchase of property, goods, or services with the City, shall file a completed conflict of interest questionnaire with the City Clerk not later than the 7th business day after the date that the person: (1) begins contract discussions or negotiations with the City; or (2) submits to the City an application, response to a request for proposals or bids, correspondence, or another writing related to a potential agreement with the City. The conflict of interest questionnaire form is available from the Texas Ethics Commission at www.ethics.state.tx.us. Completed conflict of interest questionnaires may be mailed or delivered by hand to the Office of the City Clerk. If mailing a completed conflict of interest questionnaire, mail to: Office of the City Clerk, P.O. Box 839966, San Antonio, TX 78283-3966. If delivering a completed conflict of interest questionnaire, deliver to: Office of the City Clerk, City Hall, 2nd floor, 100 Military Plaza, San Antonio, TX 78205." Bidder should consult its own legal advisor with questions regarding the statute or form. Do not include this form with your sealed bid. The Purchasing Division will not deliver the form to the City Clerk for you.

State of Texas Conflict of Interest Questionnaire (Form CIQ). Chapter 176 of the Texas Local Government Code requires that persons, or their agents, who seek to contract for the sale or purchase of property, goods, or services with the City, shall file a completed Form CIQ with the City Clerk if those persons meet the requirements under §176.006(a) of the statute.

By law this questionnaire must be filed with the City Clerk not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Texas Local Government Code.

Form CIQ is available from the Texas Ethics Commission by accessing the following web address:

https://www.ethics.state.tx.us/filinginfo/conflict_forms.htm

In addition, please complete the **City's Addendum to Form CIQ (Form CIQ-A)** and submit it with Form CIQ to the Office of the City Clerk. The Form CIQ-A can be found at:

<http://www.sanantonio.gov/atty/ethics/pdf/OCC-CIQ-Addendum.pdf>

When completed, the CIQ Form and the CIQ-A Form should be submitted together, either by mail or hand delivery, to the Office of the City Clerk. If mailing, mail to:

Office of the City Clerk, P.O. Box 839966, San Antonio, TX 78283-3966.

If delivering by hand, deliver to:

City Hall, 100 Military Plaza, San Antonio, TX 78205.

Do not include these forms with your sealed bid. The Purchasing Division will not deliver the forms to the City Clerk for you.

004 - SPECIFICATIONS / SCOPE OF SERVICES

4.1 **SCOPE:** The City of San Antonio is soliciting bids to provide 11 medium equipment units in accordance with the Building and Equipment Specifications listed herein. This equipment will be utilized by the Transportation & Capital Improvements, Convention Center, Convention Facilities, and Parks & Recreation Departments.

4.2 **GENERAL CONDITIONS:** The following general conditions will apply to all items within this bid unless specifically excluded within any item.

4.2.1 Equipment shall be manufacturer's latest design, standard production model and shall have been manufactured within the last 12 months from the date of delivery to City. All components shall be installed new, unused, and shall be manufacturer's standard equipment unless otherwise specified or replaced herein. Equipment is to be inspected, serviced, and adjusted in accordance with manufacturer's recommended pre-delivery checklist, and ready for operation upon delivery. Manufacturer's Statement of Origin (MSO) showing manufacture within the last 12 calendar months, and completed pre-delivery checklists will be required at delivery. Equipment offered under the below listed specifications will be considered unacceptable if, for any reason, the equipment's, or major component's, long term availability on the U.S. market, or in the local area, is in doubt.

4.2.2 Equipment must include the maximum standard manufacturer's warranty on all components, with parts and service included. All components, parts and service shall include, as a minimum, a one year unlimited mileage/hours warranty. All warranty times shall start the date the vehicle is placed in service as determined by the City, not on the delivery date. The dealer will be notified by letter of the in-service date of each vehicle by serial number. Bidder shall fully explain the warranty by attaching separate, authenticated correspondence or entering such information in the remarks section of this bid. Warranty, reliability, and replacement captive parts costs and availability shall be a consideration in award of this bid. Warranty parts and service must be available within 50 mile radius of San Antonio City Hall from and by a factory-authorized dealer (NO EXCEPTIONS). In the event that a unit purchased from a vendor requires transportation outside of Bexar County for a repair covered under warranty, that vendor shall be responsible for paying for all cost associated with the transportation to and from the warranty repair facility. If the vendor chooses to travel to inspect the unit to determine if the repair needed is covered under warranty, all expenses shall be paid for by the vendor. All warranty repairs must be completed within three (3) business days from the date equipment is delivered to the vendor unless otherwise approved by the appropriate City of San Antonio BESD Fleet Operations Manager or designate. Bidders must certify that all repairs needed after the warranty period will be available within 50 mile radius of San Antonio City Hall.

4.2.3 **DELIVERY:** All deliveries are to be made inside the City limits of San Antonio. Vendor must deliver equipment to the following address:

City of San Antonio,
Northeast Service Center,
10303 Tool Yard, Bldg #2,
San Antonio, TX 78233
Attn: Acquisitions

Delivery to a non-specified location will result in non-acceptance of the equipment by the City. All deliveries must be pre-arranged with a minimum 24-hour notification, NO EXCEPTIONS. Vehicles will be accepted 8:00 A.M. to 3:00 P.M. central time. Vehicles with more than 3000 miles accumulated on the odometer will not be accepted. All vehicles are required to have a full tank(s) when delivered to City specified location.

4.2.4 **EQUIPMENT MANUALS:** Successful bidder shall furnish one` set of operator manuals covering all major components of the vehicle for each unit delivered. Successful bidder shall also provide two (2) complete sets of repair and parts manuals or CDs for each item bid, to include all major components, or prepaid 8-year subscription to manufacturer's maintenance/parts web site at no cost to the City. If, applicable, successful bidder shall provide a minimum (2) diagnostic software licenses and or software updates if diagnostic software is already currently being used by the City for a minimum (5) years after date of delivery.

4.2.5 **TRAINING:** The City may require operational and maintenance training for equipment. If so, training shall be provided by a qualified instructor and conducted at a designated City facility. The City will not pay any cost incurred by the successful bidder in providing training. Training shall be provided no later than 30 days after the City takes delivery and accepts the new equipment at the specified City facility. Unless otherwise specified, training shall consist of a minimum (1) eight hour day. Payment for new equipment will not be made to successful bidder until training is completed. Operator training shall be coordinated with Fleet Operations staff. For equipment requiring more complex

operation the City may require job site operational training that could last multiple days to assure proper machine operation.

4.2.6 DEMONSTRATIONS: The City may request, from selected vendors, a demonstration of proposed equipment. The City is under no obligation to demo all products proposed by vendors. If a demonstration is required, the City's Fleet Operations Manager will contact the vendor to schedule the product demonstration. This request will be considered an integral part of the bid process. Failure to comply may result in the bid being deemed nonresponsive, and therefore, not considered for award. Upon request, the vendor shall have a minimum of five (5) working days to provide and deliver the equipment to a location specified by City for the demonstration. The vendor shall make the equipment available for a minimum of five (5) working days at City's location, but not to exceed ten (10) working days.

4.2.7 EVALUATION: In the event that a demonstration is required, the equipment will be evaluated to determine if the unit meets the minimum bid specifications at the City's discretion.

All prices will be quoted F.O.B., designated City of San Antonio facility. All bids will be submitted in triplicate and will include complete manufacturer's specifications for each model being bid.

Any equipment furnished must meet all Federal and State safety requirements and must be certified as minimum Tier IV Interim emissions compliant. Tier IV shall be offered. The engine offered by bidder must meet the Environmental Protection Agency (EPA) emission standards in effect at the time the bid is submitted. Bidder shall submit a copy of the applicable EPA certificate with its bid.

Units shall be equipped with OEM, or equal, warning and shut down systems for low oil pressure and or high coolant temperature at a minimum. This requirement **applies to all bid line items.**

Unless otherwise specified all equipment is to be standard OEM colors.

4.2.8 VEHICLE INSPECTION: The vendor shall have each vehicle properly inspected in compliance with Texas motor vehicle laws. Texas Inspection Certificate shall accompany the vehicle when delivered to the receiving entity of the City of San Antonio.

4.2.9 CHECK-IN INSPECTION: The City shall check the vehicle upon delivery to ensure compliance with this specification and any other specific requirements. The vendor shall deliver with the vehicle a vehicle-specific line-setting ticket, manufacturer's invoice, and MSO or any official documentation to verify the fact that ordered options, GVWR rating, and other requirements have been met.

Failure meet requirements as listed in document specifications may cause the delay of payment. Payment will be made within 30 days or payment terms after vehicle's acceptance or receipt of correct invoice, whichever is later. Acceptance will not be made, nor payment initiated on vehicles failing to meet specifications (unless they are brought into full compliance), and all necessary documents (i.e. MSO, odometer statement, etc.) are received by the City.

The City shall have a maximum of 5 working days to complete this inspection. **The inspection check list will be completed by City of San Antonio personnel after vehicle has been delivered.**

4.2.10 BRAND NAMES: Manufacturer names, trade names, brand names, and product numbers used herein are for the purpose of describing and establishing tested, compatible, approved and acceptable products that are of the type and quality required by the City. The use of pre-approved brand names are not intended to limit competition; therefore the phrase "or equal" is added. For purposes of this contract, the proposed "or equal" products shall require close adherence to the established standards of performance and quality inherently derived and reasonably expected from the brand named products specified herein. The City shall be the sole judge of equality

4.3 ITEM	QUANTITY	DESCRIPTION
1	2	Trailer Mounted Paint Striper

4.3.1 PRE -MELTER: The pre-melter shall be one specially fabricated cylindrical steel container having a capacity to heat 1,500 lbs. of thermoplastic material. Fabrication shall be such to prevent warping or cracking of container. The containers will be built with an outer 11 gauge steel jacket, insulated to prevent heat loss. The cylinder shall have three (3) flue gas vents to allow for flue gas from the propane burner. The three (3) flue vents shall be located with one (1) on each side and one (1) on the top of the container. Flue gas vents shall be designed as to not allow water/rain from entering. The rear section of the top of the cylinder shall be removable for easy access to the cylinder's interior for cleaning and maintenance. The removable piece shall be constructed in such a way that one

person can remove and lift without having to remove the hydraulic motor or disassemble the agitator assembly. The cylinder shall be incased in a uniform cube type enclosure allowing single piece secure fastening to the trailer deck.

- 4.3.2 **SAFETY FEED SYSTEM:** The top of the cylinder shall be fitted with a steel cover housing and feed door of adequate size for charging plastic granules. The feed door shall be of anti-splash design that requires closing of the feed door for insertion of plastic granules into the melting kettle, thereby preventing accidental splash back of molten material.
- 4.3.3 **HEATING SYSTEM:** The temperature of the molten thermoplastic shall be maintained in the pre-melting tanks by a thermostatically controlled LPG heating system. The LPG heating system shall be furnished with all necessary safety features, connections, fuel lines, and regulators, etc. for connection to a propane cylinder.
- 4.3.4 **GAS THERMOSTAT:** The heating system main burners shall be controlled by a thermostat with adjustable range from 100 to 500 degrees F. The thermostat will be linked by thermocouple to the hot thermoplastic in the holding tank.
- 4.3.5 **SYSTEM MAIN BURNER:** The system shall have one main burner, with a minimum rating of 180,000 BTU to provide rapid heating for thermoplastic material. For safety and ease of maintenance, burner shall be mounted onto a slide-out rack that will detach tool free from the unit with a hand knob and quick connect gas fittings.
- 4.3.6 **AUTOMATIC IGNITION SYSTEM:** The System Main Burner shall be equipped with an electronic Automatic Ignition System for remotely lighting Main Burners. Automatic Ignition System shall be solid-state components and housed in a weatherproof enclosure. Enclosure shall be secured by key and lock mechanism. System will automatically shut off gas supply to the burners should the fire accidentally blow out. Gas flow to the burner shall be controlled by heavy-duty solenoid providing an absolute on/off type gas flow system to ensure temperature accuracy and operator safety. The use of a hand torch for burner ignition is not allowed.
- 4.3.7 **PROPANE SYSTEM:** Four steel bottle racks accommodating two 100 lb. And two 20 lb. propane bottles are to be mounted on the trailer. The two 100 lb. bottles are to be plumbed so as to provide fuel to the pre-melter burner. The bottle racks shall be integrated into the trailer; bolt-on racks are not acceptable.
- 4.3.8 **HYDRAULIC AGITATION SYSTEM:** The pre-melter cylinder shall be equipped with a hydraulically driven agitation system to continuously mix the molten plastic granules. The system shall consist of one set of agitator paddles with steel barbs for puncturing and shredding the thermoplastic bags for uniform dispersion of material. The agitator paddles shall be attached to a one (1") steel shaft driven by a hydraulic pump mounted on the top of the pre-melter cylinder. Chain driven agitator motors shall not be accepted.
- 4.3.9 **HYDRAULIC POWER SUPPLY:** The hydraulic power shall be powered by a minimum 8.5 horsepower, electric start, propane fired engine. The power supply shall be fitted with a steel protective cover and mounted to the tongue of the trailer.
- 4.3.10 **DISCHARGE SYSTEM:** The pre-melter cylinder shall be equipped with a material discharge valve of proper design to function satisfactory when discharging liquid plastic at temperatures upward of 475 degrees F. A detachable discharge chute of proper length and angle to facilitate the loading of the thermoplastic applicator shall be supplied. Discharge valve shall be of a knife gate design and easily operated from the ground. Discharge valve shall be interchangeable from the rear of the trailer to the sides of the trailer.
- 4.3.11 **TRAILER:** The trailer shall be a minimum of 6' wide x 16' long, constructed of heavy gauge structural steel, double welded at all frame cross member contact points with a rating of 14,000 pounds. 3/16th diamond plate decking shall be used. Trailer deck shall be coated with a two-part epoxy type non-skid coating to offer secure footing for operator safety. For operator safety and ease of access, trailer deck height from the ground shall be a maximum of 28". A step on each side shall provide operator access to the trailer deck storage area. An additional raised deck of 12" high shall provide ease of loading pre-melting kettle. A safety rail approximately 36" high shall surround the deck storage area. Each side of the trailer shall have removable gates for material loading. Dual trailer axles shall be spring mounted with a minimum rating of 7,000 pounds each. Trailer wheels shall be a minimum 16", eight (8) lug solid wheels with a minimum of 16" load range E tires. Spare tire and wheel of same specification shall be supplied and mounted to the front of the trailer. The trailer shall be equipped with electric brakes on both axles as well as a pintel type hitch with safety chains. The trailer shall be equipped with rigid piping under the deck to be part of the hydraulic and LP gas systems. The pipes shall be located in such a way that the remainder of the hydraulic and LP gas plumbing minimizes the use of flexible hose.
- 4.3.12 **LIFT GATE:** The trailer shall be equipped with a minimum 1000 lb. capacity hydraulic lift gate to load and unload the thermoplastic applicator. The lift gate shall be powered by 12 volt vehicle battery and have a platform load area of

66"x37". The lift shall be mounted to the right side of the trailer and shall be secured in the up or travel position by safety pin and latch. The lift gate shall come with a curbside fixed control panel for ease of operation. Curbside control shall be secured by key and lock mechanism. Chain tighteners, and chains shall be attached to trailer for the use of securing the applicator to the trailer.

4.3.13 **LIGHTING:** ICC approved lighting system, wired to a heavy duty quick connect seven (7) pin coupler at the tongue of the trailer shall be supplied, as well as a pintle type hitch with safety chains. Two (2) pole mounted strobe lights shall be mounted at the rear of the trailer, one (1) on each corner.

4.4 ITEM	QUANTITY	DESCRIPTION
2	2	Operator Propelled Paint Striper

4.4.1 **GENERAL:** The applicator shall consist of an operator-propelled unit with a 265-pound thermoplastic holding tank, air jacketed and heated with propane fired burner system. The tank shall be mounted on a metal framework that will support an extrusion die, the propane supply, and the bead delivery system. The frame work will be mounted on wheels for the application and operation.

4.4.2 **FRAMEWORK:** The basic frame shall be constructed of tubular steel and able to support the active weight of the machine fully loaded, equal to at least 650 lbs. Welding of all components shall have good penetration, good fusion, and good appearance, without evidence of cracks or undercutting, in the best manner of the trade.

4.4.3 **DIMENSIONS:** Overall length of the applicator, without pointer extended, is to be 48". Width from side to side to be 30". Overall height, excluding pointer in the up position, is to be 39". Empty weight is to be 240 lbs.

4.4.4 **WHEELS:** The frame is to be supported by two 10" in diameter airless type front wheels. Tires and wheels shall bolt to heavy duty hubs with precision races and minimum 1" Timken bearings. Hubs shall have heavy duty grease fittings with dust caps and shall be mounted on a minimum 1" axle. The rear wheel shall be a heavy duty swivel caster with a foot actuated straight track locking mechanism. Rear wheel swivel bearing shall be heavy duty with a minimum load capacity of 500 lbs. The unit shall be capable of easy drag-free propulsion by a single operator.

4.4.5 **PROPANE SYSTEM:** The propane system shall consist of a 20 pound cylinder, a system regulator, and related hoses rated for use with LPG systems. The system shall provide propane fuel to the main burner and the stainless steel jet burners on the applicator and extrusion dies

4.4.6 **CONTROLS:** The applicator will have adjustable steel handles convenient of the operator to operate and maneuver the applicator. Aluminum control handles will not be accepted

4.4.7 **HEATING SYSTEM:** The unit shall operate from a high pressure LP fuel system. Minimum operating pressure shall be adjustable from 4-7 PSI. The temperature of the molten thermoplastic shall be heated in the holding tank by a replaceable brass main burner with a minimum rating of 75,000 BTU to provide rapid heating of thermoplastic material. The LPG heating system shall be furnished with all necessary safety features, connections, fuel lines, regulators, etc. for connection to a propane cylinder. An inspection door in the material tank shall allow for safe lighting of the burners via a hand held torch supplied with the applicator for operator safety. Stainless steel jet burners shall be fitted at all material transfer valves and on each application die to assure proper operation of all functions. Units that heat general areas with the use of radiant heat will not be accepted.

4.4.8 **THERMOPLASTIC TEMPERATURE CONTROL:** The heating system will be equipped with a pilot light and pilot safety valve connected with a thermocouple. The heating system main burner shall be controlled by a gas thermostat with adjustable range up to 550 degrees Fahrenheit. The thermostat will be linked by thermocouple to the hot thermoplastic in holding tank. Temperature gauge with readings up to 500 Fahrenheit shall be mounted into material tank. Thermostat controls shall be mounted into a moisture proof enclosure.

4.4.9 **HOLDING TANK:** The machine shall have a thermoplastic storage capacity of 220 pounds in an insulated, vertical, air jacketed, all steel construction material tank. The top shall have two hinged lids for material loading and inspection with a safety locking mechanism to prevent potential for splashing out of molten material. The tank will be designed to allow rapid, safe, easy removal of the tank for changing of material colors or cleaning. The tank shall have a recessed opening at the bottom to transfer hot plastic to the extrusion die for application.

4.4.10 **MIXER:** Material agitation shall be provided by one mixer paddle. This paddle shall be fabricated to prevent glass beads from settling out of the thermoplastic and to prevent scorching.

4.4.11 **BEAD HOPPER & HOSE:** A separate all steel construction glass bead hopper with a capacity of at least 50 pounds of glass spheres shall be mounted on rear of the applicator. The hopper shall be connected to the bead dispenser with a see through flexible bead hose to monitor bead flow and a positive on-off cut off valve.

4.4.12 **DISPENSER:** The glass spheres shall be spread on the road surface by an automatic bead dispenser. The on-off lever shall be mounted within easy reach of the operator to facilitate ease of operation. The bead dispenser shall driven by a gear type transmission that is chain driven by the front wheel to provide positive dispensing of glass beads without relying on gravity only. Adjustability in amount of flow of beads shall be controlled without the use of additional tools. The operator shall be able to engage the beader independently of the extrusion die. Bearer shall be of all steel construction and rust proof. The beader shall not interfere in any way with the operator's view of the newly installed thermoplastic line. The bead dispenser shall be designed so that variable width lines of 4", 8", and 12" wide can be achieved by finger tip adjustments without the use of additional tools. The bead dispenser must be adjustable from 1 1/2" to 3" above the road surface and from 6" to 12" behind the extrusion die.

4.4.13 **HAND TORCH:** The unit shall be equipped with a hand torch for safe lighting of all burners.

4.4.14 **THERMOPLASTIC EXTRUSION DIES:** The thermoplastic extrusion dies are to be available in widths of 4", 6", 8", 12" and double 4" for doubling line striping. The die walls are to be constructed of 3/16" heat-treated steel plate (aluminum not permitted), with a maximum weight of 30 lbs for a 4" die and 52 lbs for a 12" die. The die will have a set of replaceable tungsten carbide runners that ride on the pavement surface. The die shall be attached to a swivel mount that allows the die to float on the pavement surface without the need of additional weights. The die and all components shall be designed for quick and easy removal for changing of line width. Each die shall be fully adjustable to apply extruded material from .000" to .150" thickness. Each die is to be controlled by a single handle convenient to the operator. This handle will serve the function of setting or removing the die on the pavement and opening and closing the die to extrude thermoplastic. The opening and closing of the die shall be attained by pushing in/pulling out on the handle. The use of springs to assist in the closing of the die is not permitted. The die hand handle shall have a safety stop to prevent the accidental opening of the die when off the pavement surface. Each die shall be heated with its own set of stainless steel jet burners to maintain material and die temperature during applications. The die burner shall be connected to the frame LPG supply by flexible gas hoses and quick disconnect fittings. The die jet burner shall be individually controlled control valves.

Each die shall have the minimum number of jet burners:

- a) 4" die: 2 each
- b) 5" die: 3 each
- c) 6" die: 3 each
- d) 8" die: 4 each
- e) 12" die: 5 each
- f) Dual 4" die: 4 each

4.4.15 **MACHINE & COMPONENTS FINISH:** The complete machine and all components, including tanks, dies, etc., shall have the minimum protective coating described in the following: All metal parts and components, unless zinc plated or aluminum, shall have one prime coat and one finish coat of paint. The prime coat materials shall be specifically compounded for the respective metals to which they are applied. The thermoplastic holding tank and dies shall be painted with heat resistant paint designed for temperatures of up to 1200 degrees F.

4.5 ITEM	QUANTITY	DESCRIPTION
3	1	Concrete/ Pavement Saw

4.5.1 **CUTTING DEPTH:** Minimum 6.625 inches

4.5.2 **ENGINE HORSEPOWER:** Minimum 11 HP

4.5.3 **FUEL CAPACITY:** Minimum 1.5 gallons

4.5.4 **BLADE DIAMETER:** Minimum 18 inches

4.5.5 **MAXIMUM SPEED:** 2,800 RPM

4.5.6 **ACCESSORIES:** Unit to have adjustable, low vibration handlebars for operator comfort during operation.

4.5.7 Mounted water tank, 5 gallon for cooling and dust control

4.6 ITEM	QUANTITY	DESCRIPTION
4	1	Skid Mounted Generator- MIG Welder

4.6.1 **RATED OUTPUT:** Minimum 250A AC/25V/ 100% / 250A DC/25V/ 100%

4.6.2 **OUTPUT RANGE:** Minimum 50-250A AC/DC

4.6.3 **GENERATOR OUTPUT:** Minimum 10,000 watts peak, 9,000 watts continuous

4.6.4 **ENGINE:** Kohler OHV Command CH730 or equivalent.

4.6.5 **HP & SPEED:** Minimum 23 HP @ 3,6000

4.6.6 **CYLINDERS:** Minimum two (2) cylinders

4.6.7 **DIMENSIONS:** Minimum 29.9" x 21.5" x 42.3"

4.6.8 **WEIGHT:** Maximum 620 lbs.

4.7 ITEM	QUANTITY	DESCRIPTION
5	1	6,000 Lbs LPG Forklift

4.7.1 **ENGINE:** Minimum, 50 SAE HP at recommended manufacture RPM, LPG powered engine with electronic governor and automatic engine protection/shutdown system. Must be EPA compliant fuel system and U.L classified type LP

4.7.2 **TRANSMISSION:** Power shift automatic torque converter type with minimum one (1) forward and one (1) reverse gear. All configurations to have neutral safety start switch and single lever control for reversing directions.

4.7.3 **BRAKES:** Hydraulic service brakes, with parking brake

4.7.4 **STEERING:** Power assisted.

4.7.5 **LOAD CAPACITY:** The forklift shall have a minimum lift capacity of 6,000 lbs. @ 24 inches load center

4.7.6 **TIRES:** Manufacturer's standard (NO FLAT) pneumatic.

4.7.7 **MAST:** Mast shall be of triple stage design with side shift. Forward mast tilt minimum five (5) degree, rear tilt minimum five (5) degrees.

4.7.8 **FORKS:** Fork length to be a minimum 42". Class III pallet forks. Max fork height must be a minimum of 180 inches. Forks must be a minimum 1.5 inches thick and 4.5 inches wide.

4.7.9 **ACCESSORIES:** Power steering, Audible back-up alarm, low LPG fuel warning light, amber strobe light, dual (2) OHG mounted adjustable head lights, tail lights and turn signals, hood mounted control levers, tilt steering wheel, Minimum one (1) Rear view convex mirror, hour meter.

4.7.10 **FUEL TANK:** Unit shall include 2 (two) LPG tanks, size will be 43#. One shall be delivered installed on the unit and filled to capacity and the other two will be empty spares.

4.8 ITEM	QUANTITY	DESCRIPTION
6	1	Material Handling Man Lift

- 4.8.1 **TRAILER MOUNT:** Trailer mounted boom lift that is a battery powered hydraulic system. Lift to be operated both indoors and outdoors that can be easily towed to fit a single door access. Trailer mounted boom axle with shall not exceed 35".
- 4.8.2 **PLATFORM HEIGHT:** Minimum of 75 feet.
- 4.8.3 **PLATFORM WEIGHT CAPACITY:** Minimum of 440 lbs.
- 4.8.4 **OUTRIGGERS: Outriggers are required.** Controls requiring outrigger extension before lift is elevated. Overload sensors required. Emergency lowering system required. Manual system is accessible. Lift shall be a standard two wheel drive.
- 4.8.5 **DIMENSIONS:**
 - a) Minimum Length: 17ft 10 inches
 - b) Maximum Height: 6ft 6 inches
 - c) Maximum Width: 34.5 inches
- 4.8.6 **TRAINING:** A training session with a qualified representative of the bid awarded will be scheduled once unit is delivered.

4.9 ITEM	QUANTITY	DESCRIPTION
7	1	26' Electrical Scissor Lift

- 4.9.1 **ENGINE:** Unit to run on a minimum of four (4) 200 amp batteries and will produce a system voltage of 24 volts.
- 4.9.2 **WEIGHT:** Minimum 4,000 lbs
- 4.9.3 **SPEED:** Unit will have a maximum speed of 2.5 mph.
- 4.9.4 **WHEELBASE:** Unit will have a maximum wheelbase of 5'9".
- 4.9.5 **TIRES:** Tires will be solid, non marking and will be a minimum 16x5 in size.
- 4.9.6 **PLATFORM:** Unit will have a maximum platform height of 26 feet (NO EXCEPTIONS) and a maximum capacity of 1,050 lbs. Platform length and height will be a minimum of 84" x 28".
- 4.9.7 **LIFT/LOWER TIME:** Lift/Lower time will not to exceed 40 seconds.
- 4.9.8 **TRAINING:** A minimum 2 hour training session will be conducted at the department's request.
- 4.9.9 Dual Flashing beacon / motion alarm

4.10 ITEM	QUANTITY	DESCRIPTION
8	1	Trailer Mounted Hydro-Jetter

- 4.10.1 **ENGINE:** Minimum 40 HP twin cylinder engine. Engine to deliver a minimum flow of 12 GPM and 4,000 PSI.
- 4.10.2 **TANK:** Unit to be equipped with a minimum 150 gallon tank.
- 4.10.3 **GVWR:** Maximum 2,700 lbs. (with full tank).
- 4.10.4 **PIPES:** 3" to 15" in diameter.
- 4.10.5 **HOSES:** Unit to include minimum industry standard:
 - a) 350 ft of 3/8" high pressure cleaning hose with power hose reel
 - b) 100 ft of 5/8" rubber water supply hose
 - c) 75 ft of 1/4" trap-cleaning hose.
 Unit shall be equipped with hose reels for item b of the above mentioned.

- 4.10.6 **NOZZLES:** One (1) closed and One (1) penetrator.
- 4.10.7 **FUEL SYSTEM:** Gasoline; minimum 2 gallons.
- 4.10.8 **TIRES & WHEELS:** Industry standard tires and wheel size comparable to the production of this unit.
- 4.10.9 **STORAGE BOX:** Unit to be equipped with a lockable storage box for tools, nozzle attachments, ect.
- 4.10.10 **HITCH:** Trailer to be able to mount 2 ¾" ball

4.11	ITEM	QUANTITY	DESCRIPTION
	9	1	Ride On Street Sweeper

- 4.11.1 **PATH:** The sweeper must sweep a minimum path of 50" and a maximum of 61". The scrubber must be able to scrub a minimum 48" path, and have a frame no wider than 47.5".
- 4.11.2 **TANK:** Unit must have a solution tank of minimum 100 gallons. The recovery tank shall be a minimum of 100 gallons.
- 4.11.3 **OPERATION:** The unit is to have true one button sweeping and scrubbing for ease of operation. The brushes are to be lowered and raised by a hydraulic cylinder. They shall be automatically activated when lowered. The down pressure shall be constant and maintained electronically.
- 4.11.4 **HOPPER:** The sweeper scrubber must be equipped with a minimum 57" multi level dump debris hopper and a minimum 63 square foot dust filter that traps dust to 3 microns. When the hopper is raised, the brushes shall be activated. The dust filter shall be automatically cleaned every time the sweeping function is shut off with a timed filter shaker motor. The unit is to include an automatic fire sensing device that is permanently mounted, re-setable, and maintenance free. The fire sensing device must automatically shut down the vacuum fan.
- 4.11.5 **CONTROLS:** This machine is to be equipped with an on-board electronic self diagnosis unit. This unit is to be designed to check the actuators, pumps, propelling system, brush motors, vacuum fan, and other sensors. Should any problems be detected, the control panel will indicate to the operator and/ or the mechanic what needs to be corrected. The unit must also have an audible service interval reminder to alert operator when service is needed – like brush change/rotation, oil change, etc. Unit to include all necessary equipment including a 53 HP liquid propane water cooled engine and all cleaning brushes. Unit must be equipped with a tilt steering system and a high back seat with slide adjusters.

4.12	ITEM	QUANTITY	DESCRIPTION
	10	1	BRUSH CHIPPER - DIESEL

- 4.12.1 **ENGINE:** Minimum 170 HP, liquid cooled. Tier IV interim or greater.
- 4.12.2 **FUEL:** Diesel, minimum 30 gallon tank
- 4.12.3 **AXLE:** Axle rating to equal or greater than 10,000lbs. Axle must be able to support a winch and winch line with a 2,000 lb pull minimum. Winch line to be a minimum 150 ft.
- 4.12.4 **MAX TORQUE:** Minimum 492 FT-lb @ 1500 rpm
- 4.12.5 **CHIPPING CAPACITY:** Minimum 18"
- 4.12.6 **INFEED OPENING HEIGHT:** Minimum 22"
- 4.12.7 **INFEED OPENING WIDTH:** Minimum 18"
- 4.12.8 **FEED TABLE HEIGHT:** Minimum 32"
- 4.12.9 **FEED SPEED:** Maximum 120 fpm
- 4.12.10 **DRUM SPEED:** Minimum 1100 rpm
- 4.12.11 **TIRE SIZE:** Minimum 235/75R17

4.12.12 **CHUTE:** Discharge chute with adjustable height.

4.12.13 **CUTTING SYSTEM:** Remote control brush chipper functions which can be attached or held by bracket mounted directly to operator station. Unit required to have ability to clear feed roller jams for safe operation.

4.12.14 **HITCH:** Pintle 2.375" diameter

4.12.15 **FEED SYSTEM SAFETY:** Require a feed control mechanism to enable the operator to stop the rollers and select forward or reverse.

4.12.16 **ELECTRICAL:** Unit to have LED front, rear, side, and brake lights.

005 - SUPPLEMENTAL TERMS & CONDITIONS

Original Contract Term.

This contract shall begin upon City's issuance of a Purchase Order. This contract shall terminate upon completion of all work described herein or delivery of all goods ordered, as applicable.

Liquidated Damages for Delay:

The parties agree that the actual damages that might be sustained by the City by reason of the breach by Vendor of its covenant to make delivery within the time specified herein, is uncertain and would be difficult of ascertainment, and that the sum of \$100.00 per day per unit for each day that delivery is late would be a reasonable compensation for such breach. Vendor hereby promises to pay, and City hereby agrees to accept, such sum as liquidated damages, and not as a penalty, in the event of such breach. Furthermore, the parties agree that City may withhold said liquidated damages from any payments due to Vendor hereunder. If Vendor's delay exceeds 30 days, City may, at its option, elect to terminate this contract in whole or in part. In such event, City may pursue actual damages, rather than applying this liquidated damages provision.

Change Orders. Notwithstanding anything stated to the contrary in Section 006 – General Terms & Conditions, in order to comply with Texas law governing purchases made by municipalities, the following rules shall govern all change orders made under this contract.

Any change orders that become necessary during the term of this contract as a result of changes in plans, specifications, quantity of work to be performed, materials, equipment or supplies to be furnished must be in writing and conform to the requirements of City Ordinance 2011-12-08-1014, as hereafter amended.

Any other change will require approval of the City Council, City of San Antonio.

Changes that do not involve an increase in contract price may be made by the Director.

No oral statement of any person shall modify or otherwise change, or affect the terms, conditions or specifications stated herein.

Insurance

Prior to the commencement of any work under this Agreement, Vendor shall furnish copies of all required endorsements and completed Certificate(s) of Insurance to the City's Finance Department – Purchasing Division, which shall be clearly labeled "Medium Equipment I" in the Description of Operations block of the Certificate. The Certificate(s) shall be completed by an agent and signed by a person authorized by that insurer to bind coverage on its behalf. The City will not accept a Memorandum of Insurance or Binder as proof of insurance. The certificate(s) must be signed by the Authorized Representative of the carrier, and list the agent's signature and phone number. The certificate shall be mailed, with copies of all applicable endorsements, directly from the insurer's authorized representative to the City. The City shall have no duty to pay or perform under this Agreement until such certificate and endorsements have been received and approved by the City's Finance Department – Purchasing Division. No officer or employee, other than the City's Risk Manager, shall have authority to waive this requirement.

The City reserves the right to review the insurance requirements of this Article during the effective period of this Agreement and any extension or renewal hereof and to modify insurance coverages and their limits when deemed necessary and prudent by City's Risk Manager based upon changes in statutory law, court decisions, or circumstances surrounding this Agreement. In no instance will City allow modification whereby City may incur increased risk.

A Vendor's financial integrity is of interest to the City; therefore, subject to Vendor's right to maintain reasonable deductibles in such amounts as are approved by the City, Vendor shall obtain and maintain in full force and effect for the duration of this Agreement, and any extension hereof, at Vendor's sole expense, insurance coverage written on an occurrence basis, unless otherwise indicated, by companies authorized to do business in the State of Texas and with an A.M Best's rating of no less than A- (VII), in the following types and for an amount not less than the amount listed below:

TYPE	AMOUNTS
1. Commercial General Liability Insurance to include coverage for the following: a. Premises/Operations b. Products/Completed Operations c. Personal/Advertising Injury	For Bodily Injury and Property Damage of \$1,000,000 per occurrence; \$2,000,000 General Aggregate, or its equivalent in Umbrella or Excess Liability Coverage

Vendor agrees to require, by written contract, that all subcontractors providing goods or services hereunder obtain the same categories of insurance coverage required of Vendor herein, and provide a certificate of insurance and endorsement that names the Vendor and the CITY as additional insureds. Policy limits of the coverages carried by subcontractors will be determined as a business decision of Vendor. Respondent shall provide the CITY with said certificate and endorsement prior to the commencement of any work by the subcontractor. This provision may be modified by City's Risk Manager, without subsequent City Council approval, when deemed necessary and prudent, based upon changes in statutory law, court decisions, or circumstances surrounding this agreement. Such modification may be enacted by letter signed by City's Risk Manager, which shall become a part of the contract for all purposes.

As they apply to the limits required by the City, the City shall be entitled, upon request and without expense, to receive copies of the policies, declaration page, and all required endorsements. Vendor shall be required to comply with any such requests and shall submit requested documents to City at the address provided below within 10 days. Vendor shall pay any costs incurred resulting from provision of said documents.

City of San Antonio
 Attn: City's Finance Department – Purchasing Division
 P.O. Box 839966
 San Antonio, Texas 78283-3966

Vendor agrees that with respect to the above required insurance, all insurance policies are to contain or be endorsed to contain the following provisions:

- Name the City, its officers, officials, employees, volunteers, and elected representatives as additional insureds by endorsement, as respects operations and activities of, or on behalf of, the named insured performed under contract with the City, with the exception of the workers' compensation and professional liability policies;
- Provide for an endorsement that the "other insurance" clause shall not apply to the City of San Antonio where the City is an additional insured shown on the policy;
- Workers' compensation, employers' liability, general liability and automobile liability policies will provide a waiver of subrogation in favor of the City.
- Provide advance written notice directly to City of any suspension or non-renewal in coverage, and not less than ten (10) calendar days advance notice for nonpayment of premium.

Within five (5) calendar days of a suspension, cancellation or non-renewal of coverage, Vendor shall provide a replacement Certificate of Insurance and applicable endorsements to City. City shall have the option to suspend Vendor's performance should there be a lapse in coverage at any time during this contract. Failure to provide and to maintain the required insurance shall constitute a material breach of this Agreement.

In addition to any other remedies the City may have upon Vendor's failure to provide and maintain any insurance or policy endorsements to the extent and within the time herein required, the City shall have the right to order Vendor to stop work hereunder, and/or withhold any payment(s) which become due to Vendor hereunder until Vendor demonstrates compliance with the requirements hereof.

Nothing herein contained shall be construed as limiting in any way the extent to which Vendor may be held responsible for payments of damages to persons or property resulting from Vendor's or its subcontractors' performance of the work covered under this Agreement.

It is agreed that Vendor's insurance shall be deemed primary and non-contributory with respect to any insurance or self insurance carried by the City of San Antonio for liability arising out of operations under this Agreement.

It is understood and agreed that the insurance required is in addition to and separate from any other obligation contained in this Agreement and that no claim or action by or on behalf of the City shall be limited to insurance coverage provided..

Vendor and any Subcontractors are responsible for all damage to their own equipment and/or property.

Incorporation of Attachments.

Each of the attachments listed below is an essential part of this contract, which governs the rights and duties of the parties, incorporated herein by reference, and shall be interpreted in the order of priority as appears below, with this document taking priority over all attachments:

Attachment A – City of San Antonio Price Schedule

Attachment B – City of San Antonio Local Preference Program Forms

Attachment C – City of San Antonio Veteran-Owned Small Business Preference Program Tracking Form

006 - GENERAL TERMS & CONDITIONS

Electronic Bid Equals Original. If Vendor is submitting an electronic bid, City and Vendor each agree that this transaction may be conducted by electronic means, as authorized by Chapter 322, Texas Business & Commerce Code, known as the Electronic Transactions Act.

Delivery of Goods/Services.

Destination Contract. Vendor shall deliver all goods and materials F.O.B., City of San Antonio's designated facility, inside delivery, freight prepaid, to the address provided in this IFB or, if different, in the Purchase Order. Vendor shall bear the risk of loss until delivery. Freight charges will be paid only when expedited delivery is requested and approved in writing by the City. Vendor shall be responsible for furnishing necessary personnel or equipment and/or making necessary arrangements to off load at City of San Antonio facility, unless otherwise noted herein.

Failure to Deliver. When delivery is not met as provided for in the contract, City may make the purchase on the open market, with any cost in excess of the contract price paid by Vendor, in addition to any other direct, indirect, consequential or incidental damages incurred by City as a result thereof. In addition, Vendor may be removed from the City's list of eligible bidders.

Purchase Orders. Each time a City department wishes to place an order against this contract, it will issue Vendor a purchase order. Vendor must have the purchase order before making any delivery.

Acceptance by City. City shall have a reasonable time (but not less than 30 days) after receipt to inspect the goods and services tendered by Vendor. City at its option may reject all or any portion of such goods or services which do not, in City's sole discretion, comply in every respect with all terms and conditions of the contract. City may elect to reject the entire goods and services tendered even if only a portion thereof is nonconforming. If City elects to accept nonconforming goods and services, City, in addition to its other remedies, shall be entitled to deduct a reasonable amount from the price thereof to compensate City for the nonconformity. Any acceptance by City, even if non-conditional, shall not be deemed a waiver or settlement of any defect in such goods and services.

Testing. After award of contract, City may, at its sole option, test the product delivered to ensure it meets specifications. Initial testing shall be at City's expense. However, if the product does not to meet specifications, Vendor shall reimburse City for the costs of testing. City may withhold the cost of testing from any amounts owed to Vendor under this or any other contract, or invoice Vendor for same. If invoiced, Vendor shall pay City within 30 calendar days' of the invoice.

Warranty. A minimum of 90-days product guarantee or the manufacturer's standard commercial warranty, whichever is greater, shall apply to all products and/or services purchased under this IFB, unless otherwise specified in the Specifications/Scope of Services section of this IFB. This warranty shall provide for replacement of defective merchandise, parts, and labor, and shall include pick-up of the defective merchandise from City and delivery of the replacement(s) to the same location. The warranty shall be effective from the date of acceptance of the merchandise, or completion of the service, as applicable.

REJECTION OF DISCLAIMERS OF WARRANTIES & LIMITATIONS OF LIABILITY. ANY TERM OR CONDITION IN ANY DOCUMENT FURNISHED BY VENDOR, DISCLAIMING THE IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, OR ATTEMPTING TO LIMIT VENDOR'S LIABILITY SHALL BE OF NO FORCE OR EFFECT, AND SHALL BE STRICKEN FROM THE CONTRACT DOCUMENTS AS IF NEVER CONTAINED THEREIN.

Invoicing and Payment.

Address for Invoices. All original invoices must be sent to: City of San Antonio, Attn: Accounts Payable, P.O. Box 839976, San Antonio, Texas 78283-3976.

Information Required On Invoice.

All invoices must be in a form and content approved by the City. City may require modification of invoices if necessary in order to satisfy City that all billing is proper and pursuant to the terms of the contract. Invoices are required to show each City Purchase Order Number. Invoices must be legible. Items billed on invoices must be specific as to applicable stock, manufacturer, catalog or part number (if any). All invoices must show unit prices for each item being billed, the

quantity of items being billed and the total for each item, as well as the total for all items on the invoice. If prices are based on list prices basis, then the list prices, the percentage discount or percentage surcharge, net unit prices, extensions and net total prices must be shown. Prompt payment discounts offered shall be shown separately on the invoice.

Payment by City.

In accordance with the Texas Prompt Payment Act, City shall have not less than 30 days to pay for goods or services. Time for payment, including payment under discount terms, will be computed from the later of: (1) the date City receives conforming goods under the contract; (2) the date performance of the service under the contract is completed; or (3) the date City receives a correct and valid invoice for the goods or services. Payment is deemed to be made on the date of mailing of the check. Payment is made in US dollars only.

This provision shall not apply where there is a bona fide dispute between City and Vendor about the goods delivered or the service performed that causes the payment to be late, or where the invoice is not mailed to the address provided herein.

The payment amount due on invoices may not be manually altered by City personnel. Once disputed items are reconciled, Vendor must submit a corrected invoice or a credit memorandum for the disputed amount. City will not make partial payments on an invoice where there is a dispute.

NECESSITY OF TIMELY INVOICE / WAIVER OF PAYMENT. NOTWITHSTANDING THE FORGOING, THE CITY CANNOT PAY FOR ANY GOODS OR SERVICES WITHOUT AN INVOICE. VENDOR MUST INVOICE CITY NO LATER THAN 90 CALENDAR DAYS FROM THE DATE GOODS ARE DELIVERED OR SERVICES RENDERED. FAILURE TO SUBMIT AN INVOICE WITHIN SAID 90 DAYS SHALL NEGATE ANY LIABILITY ON THE PART OF CITY AND CONSTITUTE A **WAIVER** BY VENDOR OF ANY AND ALL RIGHT OR CLAIMS TO COLLECT MONEYS THAT VENDOR MAY RIGHTFULLY BE OTHERWISE ENTITLED TO FOR GOODS OR SERVICES PERFORMED.

The total price for all goods and/or services is shown on the Price Schedule. No additional fees or expenses of Vendor shall be charged by Vendor nor be payable by City. The parties hereby agree that all compensable expenses of Vendor are shown on the Price Schedule. If there is a discrepancy on the Price Schedule between the unit price for an item, and the extended price, the unit price shall govern.

Change Orders. In order to comply with Texas law governing purchases made by municipalities, the following rules shall govern all change orders made under this contract.

Any change orders that become necessary during the term of this contract as a result of changes in plans, specifications, quantity of work to be performed, materials, equipment or supplies to be furnished may be approved by the Director, provided that such change orders:

- are made in writing, signed by the Director;
- do not involve an increase or decrease in contract price of more than \$25,000; and
- sufficient funds have already been allocated by City or are available to the Director to cover any increase in contract price.

Any other change will require approval of the City Council, City of San Antonio.

Changes that do not involve an increase in contract price may, however, be made by the Director.

No oral statement of any person shall modify or otherwise change, or affect the terms, conditions or specifications stated herein.

Termination.

Termination-Breach. Should Vendor fail to fulfill in a timely and proper manner, as determined solely by the Director, its material obligations under this contract, or violate any of the material terms of this contract, City shall have the right to immediately terminate the contract in whole or in part. Notice of termination shall be provided in writing to Vendor, effective upon the date set forth in the notice. City may, in City's sole discretion, provide an opportunity for Vendor to cure the default. If City elects to offer an opportunity to cure, City shall provide notice to Vendor specifying the matters in default and the cure period. If Vendor fails to cure the default within the cure period, City shall have the right, without further notice, to terminate the contract in whole or in part. Such termination shall not relieve Vendor of any liability to the City for damages sustained by virtue of any breach by Vendor.

Termination-Notice. City may terminate this contract, in whole or in part, without cause. City shall be required to give Vendor notice ten days prior to the date of termination of the contract without cause.

Termination-Funding. City retains the right to terminate this contract at the expiration of each of City's budget periods. This contract is conditioned on a best efforts attempt by City to obtain and appropriate funds for payment of any debt due by City herein.

Termination by City may be effected by Director, without further action by the San Antonio City Council.

Independent Contractor. Vendor covenants and agrees that it is an independent contractor and not an officer, agent, servant or employee of City. City shall not be liable for any claims which may be asserted by any third party occurring in connection with the services to be performed by Vendor under this contract and that Vendor has no authority to bind City. The doctrine of respondeat superior shall not apply as between City and Vendor.

INDEMNIFICATION.

VENDOR covenants and agrees to FULLY INDEMNIFY, DEFEND and HOLD HARMLESS, CITY and the elected officials, employees, officers, directors, volunteers and representatives of CITY, individually and collectively, from and against any and all costs, claims, liens, damages, losses, expenses, fees, fines, penalties, proceedings, actions, demands, causes of action, liability and suits of any kind and nature, including but not limited to, personal or bodily injury, death and property damage, made upon CITY directly or indirectly arising out of, resulting from or related to VENDOR'S activities under this Agreement, including any acts or omissions of VENDOR, any agent, officer, director, representative, employee, consultant or subcontractor of VENDOR, and their respective officers, agents employees, directors and representatives while in the exercise of the rights or performance of the duties under this Agreement. The indemnity provided for in this paragraph shall not apply to any liability resulting from the negligence of CITY, its officers or employees, in instances where such negligence causes personal injury, death, or property damage. IN THE EVENT VENDOR AND CITY ARE FOUND JOINTLY LIABLE BY A COURT OF COMPETENT JURISDICTION, LIABILITY SHALL BE APPORTIONED COMPARATIVELY IN ACCORDANCE WITH THE LAWS FOR THE STATE OF TEXAS, WITHOUT, HOWEVER, WAIVING ANY GOVERNMENTAL IMMUNITY AVAILABLE TO THE CITY UNDER TEXAS LAW AND WITHOUT WAIVING ANY DEFENSES OF THE PARTIES UNDER TEXAS LAW. In addition, Vendor agrees to indemnify, defend, and hold the City harmless from any claim involving patent infringement, trademarks, trade secrets, and copyrights on goods supplied.

The provisions of this INDEMNITY are solely for the benefit of the parties hereto and not intended to create or grant any rights, contractual or otherwise, to any other person or entity. VENDOR shall advise CITY in writing within 24 hours of any claim or demand against CITY or VENDOR known to VENDOR related to or arising out of VENDOR's activities under this AGREEMENT and shall see to the investigation and defense of such claim or demand at VENDOR's cost. CITY shall have the right, at its option and at its own expense, to participate in such defense without relieving VENDOR of any of its obligations under this paragraph.

Assignment. Except as otherwise stated herein, Vendor may not sell, assign, pledge, transfer or convey any interest in this contract, nor delegate the performance of any duties hereunder, by transfer, by subcontracting or any other means, without the consent of Director. As a condition of such consent, if such consent is granted, Vendor shall remain liable for completion of the services and provision of goods outlined in this contract in the event of default by the successor Vendor, assignee, transferee or subcontractor. Any attempt to transfer, pledge or otherwise assign this Contract without said written approval, shall be void ab initio and shall confer no rights upon any third person.

Ownership of Documents. Pursuant to Texas Local Government Code Chapter 201, any and all Records produced by Vendor pursuant to the provisions of this contract are the exclusive property of City; and no such Record shall be the subject of any copyright or proprietary claim by Vendor. The term "Record" as used herein shall mean any document, paper, letter, book, map, photograph, sound or video recording, microfilm, magnetic tape, electronic medium, or other information recording medium, regardless of physical form or characteristic. Vendor understands and acknowledges that as the exclusive owner of any and all such Records, City has the right to use all such Records as City desires, without restriction.

Records Retention.

Vendor and its subcontractors, if any, shall properly, accurately and completely maintain all documents, papers, and records, and other evidence pertaining to the services rendered hereunder ("Documents"), and shall make such Documents available to the City at their respective offices, at all reasonable times and as often as City may deem

necessary during the contract period, including any extension or renewal hereof, and the record retention period established herein, for purposes of audit, inspection, examination, and making excerpts or copies of same by City and any of its authorized representatives.

Vendor shall retain any and all Documents produced as a result of services provided hereunder for a period of four years ("Retention Period") from the date of termination of the contract. If, at the end of the Retention Period, there is litigation or other questions arising from, involving or concerning these Documents or the services provided hereunder, Vendor shall retain the records until the resolution of such litigation or other such questions. Vendor acknowledges and agrees that City shall have access to any and all such Documents at any and all times, as deemed necessary by City, during said Retention Period. City may, at its election, require Vendor to return the documents to City at Vendor's expense prior to or at the conclusion of the Retention Period. In such event, Vendor may retain a copy of the documents.

Vendor shall notify City, immediately, in the event Vendor receives any requests for information from a third party, which pertain to the Documents referenced herein. Vendor understands and agrees that City will process and handle all such requests.

Severability. If any clause or provision of this contract is held invalid, illegal or unenforceable under present or future federal, state or local laws, including but not limited to the City Charter, City Code, or ordinances of the City of San Antonio, Texas, then and in that event it is the intention of the parties hereto that such invalidity, illegality or unenforceability shall not affect any other clause or provision hereof and that the remainder of this contract shall be construed as if such invalid, illegal or unenforceable clause or provision was never contained herein. It is also the intention of the parties hereto that in lieu of each clause or provision of this contract that is invalid, illegal, or unenforceable, there be added as a part of the contract a clause or provision as similar in terms to such invalid, illegal or unenforceable clause or provision as may be possible, legal, valid and enforceable.

Compliance with Law. Vendor shall provide and perform all services required under this Agreement in compliance with all applicable federal, state and local laws, rules and regulations.

Certifications. Vendor warrants and certifies that Vendor and any other person designated to provide services hereunder has the requisite training, license and/or certification to provide said services, and meets all competence standards promulgated by all other authoritative bodies, as applicable to the services provided herein.

Non-waiver of Performance. Unless otherwise specifically provided for in this Agreement, a waiver by either Party of a breach of any of the terms, conditions, covenants or guarantees of this Agreement shall not be construed or held to be a waiver of any succeeding or preceding breach of the same or any other term, condition, covenant or guarantee herein contained. Further, any failure of either Party to insist in any one or more cases upon the strict performance of any of the covenants of this Agreement, or to exercise any option herein contained, shall in no event be construed as a waiver or relinquishment for the future of such covenant or option. In fact, no waiver, change, modification or discharge by either party hereto of any provision of this Agreement shall be deemed to have been made or shall be effective unless expressed in writing and signed by the party to be charged. No act or omission by a Party shall in any manner impair or prejudice any right, power, privilege, or remedy available to that Party hereunder or by law or in equity, such rights, powers, privileges, or remedies to be always specifically preserved hereby.

Venue. Venue of any court action brought directly or indirectly by reason of this contract shall be in Bexar County, Texas. This contract is made and is to be performed in Bexar County, Texas, and is governed by the laws of the State of Texas.

Non-discrimination. As a condition of entering into this agreement, Vendor represents and warrants that it will comply with City's Commercial Nondiscrimination Policy, as described under Section IILC.1 of the SBEDA Ordinance. As part of such compliance, Vendor shall not discriminate on the basis of race, color, religion, ancestry or national origin, sex, age, marital status, sexual orientation, or on the basis of disability or other unlawful forms of discrimination in the solicitation, selection, hiring or commercial treatment of subcontractors, vendors, suppliers, or commercial customers, nor shall Vendor retaliate against any person for reporting instances of such discrimination. Vendor shall provide equal opportunity for subcontractors, vendors and suppliers to participate in all of its public sector and private sector subcontracting and supply opportunities, provided that nothing contained in this clause shall prohibit or limit otherwise lawful efforts to remedy the effects of marketplace discrimination that have occurred or are occurring in the City's Relevant Marketplace. Vendor understands and agrees that a material violation of this clause shall be considered a material breach of this agreement and may result in termination of this agreement, disqualification of Vendor from participating in City contracts, or other sanctions. This clause is not enforceable by or for the benefit of, and creates no obligation to, any third party. Vendor shall include this nondiscrimination clause in all subcontracts for the performance of this contract.

Non-Discrimination Language

As a party to this contract, Vendor understands and agrees to comply with the Non-Discrimination Policy of the City of San Antonio contained in Chapter 2, Article X of the City Code and further, shall not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, veteran status, age or disability, unless exempted by state or federal law, or as otherwise established herein.

Delinquent Taxes. In the event that Vendor is or subsequently becomes delinquent in the payment of taxes owed to the City of San Antonio, the City reserves the right to deduct any delinquent taxes from payments that the City may owe to the delinquent Vendor as a result of this contract.

Binding Contract. This contract shall be binding on and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, legal representatives, and successors and assigns, except as otherwise expressly provided for herein.

Entire Agreement. This contract, including City's final electronically posted online version, together with its authorizing ordinance and its price schedule(s), attachments, purchase orders, and exhibits, if any, constitutes the final and entire agreement between the parties hereto and contains all of the terms and conditions agreed upon. No other agreements, oral or otherwise, regarding the subject matter of this contract shall be deemed to exist or to bind the parties hereto, unless same be in writing, dated subsequent to the date hereof, and be duly executed by the parties, in accordance with the Change Order provision herein. **Parties agree that City's final electronically posted online version of this solicitation contains the agreed upon specifications, scope of services, and terms and conditions of this contract, and shall control in the event of a conflict with any printed version signed and submitted by Vendor.**

007 - SIGNATURE PAGE

By submitting a bid, whether electronically or by paper, Bidder represents that:

(s)he is authorized to bind Bidder to fully comply with the terms and conditions of City's Invitation for Bid for the prices stated therein;

(s)he has read the entire document, including the final version issued by City, and agreed to the terms therein;

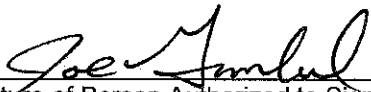
Bidder is in good standing with the Texas State Comptroller's Office; and

to the best of his/her knowledge, all information is true and correct.

If submitting your bid by paper, complete the following and sign on the signature line below. Failure to sign and submit this Signature Page will result in rejection of your bid.

Bidder Information
Please Print or Type
Vendor ID No.
Signer's Name
Name of Business
Street Address
City, State, Zip Code
Email Address
Telephone No.
Fax No.
City's Solicitation No.

V1007512
Joe Gambrel
H & E Equipment Services
5327 TEX-CON Rd.
San Antonio, TX 78220
jgambrel@he-equipment.com
210-655-0048
210-655-2246
6100006993



Signature of Person Authorized to Sign Bid

008 - STANDARD DEFINITIONS

Whenever a term defined by the Uniform Commercial Code ("UCC"), as enacted by the State of Texas, is used in the Contract, the UCC definition shall control, unless otherwise defined in the Contract.

All-or-None Bid - an invitation to bid in which the City will award the entire contract to one bidder only.

Alternate Bid - two or more bids with substantive variations in the item or service offered from the same bidder in response to a solicitation.

Assignment - a transfer of claims, rights or interests in goods, services or property.

Bid - a complete, signed response to a solicitation. The term "bid" is synonymous with the term "offer".

Bid Opening - a public meeting during which bid responses are disclosed.

Bidder - a person, firm or entity that submits a bid in response to a solicitation. The bidder whose bid is accepted by City may also be referred to herein as Contractor, Vendor or Supplier.

Bid Bond or Bid Guarantee - security to ensure that Bidder (a) will not withdraw the bid within the period specified for acceptance, and (b) will furnish any required bonds or performance guarantees, and any necessary insurance within the time specified in the solicitation.

Change Order - a change to the plans or specifications of the contract, or an increase or decrease in the quantity of work to be performed or of materials, equipment, or supplies to be furnished, issued by the Director after the bid has been accepted by the City.

City - the City of San Antonio, a Texas home-rule municipal corporation.

Contract - the binding legal agreement between the City and Vendor.

Contractor - the bidder whose bid is accepted by the City and is, therefore, the person, firm or entity providing goods or services to the City under a contract.

Director - the Director of City's Purchasing & General Services Department, or Director's designee.

Equal or Equivalent - terms to indicate that similar products or other brands may be acceptable for purchase if specifications and functional requirements are met.

Invitation for Bid (IFB) - a solicitation requesting pricing for a specified good or a service.

Line Item - a listing of items in a bid for which a bidder is expected to provide separate pricing.

Low Bid - a bid which is lowest in price, but may not meet all requirements or specifications.

Lowest Responsible Bidder - the bidder whose bid meets all requirements of the specifications, terms and conditions of the IFB and results in the lowest cost to the City in an award based solely on price, taking into consideration the bidder's competence and qualifications to perform the contract.

Non-Responsive Bid - a bid or offer that does not comply with the terms and conditions, or specifications and/or requirements of the IFB.

Offer - a complete, signed response to an IFB that, if accepted, would bind the bidder to perform the resultant contract. The term "offer" is synonymous with the term "bid".

Payment Bond - a particular form of security provided by the contractor to protect the City against loss due to the contractor's failure to pay suppliers and subcontractors.

Performance Bond - a particular form of security provided by the contractor to protect the City against loss due to the contractor's inability or unwillingness to complete the contract as agreed.

Performance Deposit - security provided by the contractor to protect the City against loss due to the contractor's inability or unwillingness to complete the contract as agreed.

Pre-Submittal Conference - a meeting conducted by the City, held in order to allow bidders to ask questions about the proposed contract and particularly, the contract specifications.

Purchase Order - a validly issued order placed by an authorized City department for the purchase of goods or services, written on the City's standard purchase order form, and which is Vendor's authority to deliver to and invoice the City for the goods or services specified in an IFB for the price stated in Vendor's bid.

Responsible Bidder - a bidder who is known to have the necessary competence and qualifications to perform and provide all requirements of an intended contract.

Responsive Bidder - a bidder who tenders a bid which meets all requirements of the invitation to bid and is a responsible bidder.

Sealed Bid - a bid submitted as a sealed document, whether hard copy or electronic, by a prescribed time to the location indicated in the IFB. The contents of the bid will not be made public prior to the bid opening.

Specifications - a description of what the City requires and what the bidder must offer; a description of the physical or functional characteristics of a product or material, or the nature of a service or construction item.

Subcontractor - a person, firm or entity providing goods or services to a vendor to be used in the performance of the Vendor's obligations under the contract with the City.

Supplier - the bidder whose bid is accepted by the City and is, therefore, the person, firm or entity providing goods or services to the City under a contract.

Vendor - the bidder whose bid is accepted by the City and is, therefore, the person, firm or entity providing goods or services to the City under a contract.

Waiver of Irregularity - noting, but disregarding an immaterial variance within a bid.

009 – ATTACHMENTS

Attachment A

Local Preference Program (LPP) Ordinance

Local Preference Program (LPP) Ordinance

The 82nd Texas Legislature adopted a revision to the law that allowed the City of San Antonio (City) to adopt a policy that would grant contracting preferences to local businesses for certain types of contracts. The City adopted such a policy, known as the Local Preference Program, described in the San Antonio City Code Chapter 2, Article XII, effective for solicitations issued after May 1, 2013.

This solicitation is subject to the Local Preference Program. For more information on the program, refer to the Local Preference Program Identification Form attached to this solicitation.

In order to receive consideration the Local Bidder must complete and return the attached Local Preference Identification Form.

Price Schedule – Rev. 1

Item	Descriptions	Quantity
1	Trailer Mounted Paint Striper	2 each
<p>Price Each: \$ _____ <i>No Bid</i></p> <p>Total: \$ _____</p> <p>Year, Make & Model Offered: _____</p> <p>Warranty: _____</p> <p>Warranty Service Provider Name: _____</p> <p>Warranty Facility Address: _____</p> <p>Delivery will be made within _____ calendar days after issuance of purchase order.</p> <p>Production cut-off date: _____</p> <p>Indicate the last day that the City can place order under this contract without missing the production cut off date; _____</p> <p>Bid prices shall remain firm for all orders placed prior to cut off date. In the event that City does not award a contract prior to production cut off date, can bidder prove bid items, at the bid price submitted, after the production cut off date: Y_____ or N_____</p>		

Item	Descriptions	Quantity
2	Operator Propelled Paint Striper	2 each
<p>Price Each: \$ _____ <u>No Bid</u> _____</p> <p>Total: \$ _____</p> <p>Year, Make & Model Offered: _____</p> <p>Warranty: _____</p> <p>Warranty Service Provider Name: _____</p> <p>Warranty Facility Address: _____</p> <p>Delivery will be made within _____ calendar days after issuance of purchase order.</p> <p>Production cut-off date: _____</p> <p>Indicate the last day that the City can place order under this contract without missing the production cut off date; _____</p> <p>Bid prices shall remain firm for all orders placed prior to cut off date. In the event that City does not award a contract prior to production cut off date, can bidder prove bid items, at the bid price submitted, after the production cut off date:</p> <p>Y _____ or N _____</p>		

Item	Descriptions	Quantity
3	Concrete/Pavement Saw	1 each
Price Each: \$ <u>2,160.00</u>		
Total: \$ <u>2,160.00</u>		
Year, Make & Model Offered:		
<u>2016 Husqvarna FS400 LV</u>		
Specific Make & Model of engine offered (include HP):		
<u>Honda GX390 11.7 hp</u>		
Warranty:		
<u>1 year</u>		
Warranty Service Provider Name:		
<u>H+E Equipment Services</u>		
Warranty Facility Address:		
<u>5327 Tex-Con Rd. San Antonio, TX 78220</u>		
Delivery will be made within <u>14</u> calendar days after issuance of purchase order.		
Production cut-off date: <u>12-31-16</u>		
Indicate the last day that the City can place order under this contract without missing the production cut off date;		
<u>12-15-16</u>		
Bid prices shall remain firm for all orders placed prior to cut off date. In the event that City does not award a contract prior to production cut off date, can bidder prove bid items, at the bid price submitted, after the production cut off date:		
Y <input type="checkbox"/> or N <input checked="" type="checkbox"/>		

Item	Descriptions	Quantity
4	Skid Mounted Generator – MIG Welder	1 each
Price Each: \$ <u>5,919.00</u>		
Total: \$ <u>5,919.00</u>		
Year, Make & Model Offered:		Part No. 907504 300917-hose & mounting assembly
<u>2016 Miller Bobcat 250 LP</u>		
Specific Make & Model of engine offered (include HP):		
<u>Kohler CH730 21 HP</u>		
Warranty:		
<u>3 years</u>		
Warranty Service Provider Name:		
<u>H+E Equipment Services</u>		
Warranty Facility Address:		
<u>5327- Tex-Con Rd. San Antonio, TX 78220</u>		
Delivery will be made within <u>14</u> calendar days after issuance of purchase order.		
Production cut-off date: <u>12-31-16</u>		
Indicate the last day that the City can place order under this contract without missing the production cut off date;		
<u>12-15-16</u>		
Bid prices shall remain firm for all orders placed prior to cut off date. In the event that City does not award a contract prior to production cut off date, can bidder prove bid items, at the bid price submitted, after the production cut off date:		
Y <input type="checkbox"/> or N <input checked="" type="checkbox"/>		

Item	Descriptions	Quantity
6	Material Handling Man Lift	1 each
Price Each: \$ <u>179,470.00</u>		
Total: \$ <u>179,470.00</u>		
Year, Make & Model Offered:		
<u>2016 JLG X700AJ Electric</u>		
Warranty:		
<u>1 year full machine / 5 year structural components</u>		
Warranty Service Provider Name:		
<u>H & E Equipment Services</u>		
Warranty Facility Address:		
<u>5327 Tex-Con Rd. San Antonio, TX 78220</u>		
Delivery will be made within <u>30</u> calendar days after issuance of purchase order.		
Production cut-off date: <u>12-31-16</u>		
Indicate the last day that the City can place order under this contract without missing the production cut off date;		
<u>12-1-16</u>		
Bid prices shall remain firm for all orders placed prior to cut off date. In the event that City does not award a contract prior to production cut off date, can bidder prove bid items, at the bid price submitted, after the production cut off date:		
Y <input type="checkbox"/> or N <input checked="" type="checkbox"/>		

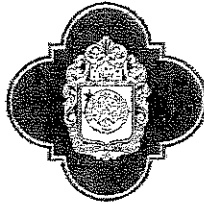
Item	Descriptions	Quantity
7	26' Electrical Scissor Lift	1 each
Price Each: \$ <u>15,425.⁰⁰</u>		
Total: \$ <u>15,425.⁰⁰</u>		
Year, Make & Model Offered:		
<u>2016 Genie G52632</u>		
Specific Make & Model of engine offered (include HP):		
<u>Genie 24V DC</u>		
Transmission Offered:		
<u>N/A</u>		
Warranty:		
<u>1 year comprehensive, 3 year hydraulic, 5 year structural</u>		
Warranty Service Provider Name:		
<u>H+E Equipment Services</u>		
Warranty Facility Address:		
<u>5327 Tex-Con Rd. San Antonio, TX 78220</u>		
Delivery will be made within <u>30</u> calendar days after issuance of purchase order.		
Production cut-off date: <u>12-31-16</u>		
Indicate the last day that the City can place order under this contract without missing the production cut off date;		
<u>12-1-16</u>		
Bid prices shall remain firm for all orders placed prior to cut off date. In the event that City does not award a contract prior to production cut off date, can bidder prove bid items, at the bid price submitted, after the production cut off date:		
Y <input type="checkbox"/> or N <input checked="" type="checkbox"/>		

Item	Descriptions	Quantity
8	Trailer Mounted Hydro-Jetter	1 each
<p>Price Each: \$ <u> No Bid </u></p> <p>Total: \$ _____</p> <p>Year, Make & Model Offered: _____</p> <p>Specific Make & Model of engine offered (include HP): _____</p> <p>Transmission Offered: _____</p> <p>Warranty: _____</p> <p>Warranty Service Provider Name: _____</p> <p>Warranty Facility Address: _____</p> <p>Delivery will be made within _____ calendar days after issuance of purchase order.</p> <p>Production cut-off date: _____</p> <p>Indicate the last day that the City can place order under this contract without missing the production cut off date; _____</p> <p>Bid prices shall remain firm for all orders placed prior to cut off date. In the event that City does not award a contract prior to production cut off date, can bidder prove bid items, at the bid price submitted, after the production cut off date: Y_____ or N_____</p>		

Item	Descriptions	Quantity
9	Ride On Street Sweeper	1 each
<p>Price Each: \$ <u> No Bid </u></p> <p>Total: \$ _____</p> <p>Year, Make & Model Offered: _____</p> <p>Warranty: _____</p> <p>Warranty Service Provider Name: _____</p> <p>Warranty Facility Address: _____</p> <p>Delivery will be made within _____ calendar days after issuance of purchase order.</p> <p>Production cut-off date: _____</p> <p>Indicate the last day that the City can place order under this contract without missing the production cut off date; _____</p> <p>Bid prices shall remain firm for all orders placed prior to cut off date. In the event that City does not award a contract prior to production cut off date, can bidder prove bid items, at the bid price submitted, after the production cut off date: Y _____ or N _____</p>		

Item	Descriptions	Quantity
10	Brush Chipper - Diesel	1 each
<p>Price Each: \$ <u> No Bid </u></p> <p>Total: \$ _____</p> <p>Year, Make & Model Offered:</p> <p>_____</p> <p>Specific Make & Model of engine offered (include HP):</p> <p>_____</p> <p>Warranty:</p> <p>_____</p> <p>Warranty Service Provider Name:</p> <p>_____</p> <p>Warranty Facility Address:</p> <p>_____</p> <p>Delivery will be made within _____ calendar days after issuance of purchase order.</p> <p>Production cut-off date: _____</p> <p>Indicate the last day that the City can place order under this contract without missing the production cut off date;</p> <p>_____</p> <p>Bid prices shall remain firm for all orders placed prior to cut off date. In the event that City does not award a contract prior to production cut off date, can bidder prove bid items, at the bid price submitted, after the production cut off date:</p> <p>Y _____ or N _____</p>		

Prompt payment discount _____ % _____ days. (If no discount is offered, Net 30 will apply.)



City of San Antonio

ADDENDUM I

SUBJECT: Medium Equipment II, Invitation for Bid (6100006993), Scheduled to Open:
January 15, 2016; Date of Issue: December 21, 2015

FROM: Paul J. Calapa, Procurement Administrator

DATE: January 12, 2016

**THIS NOTICE SHALL SERVE AS ADDENDUM NO. I – TO THE ABOVE REFERENCED
INVITATION FOR BID**

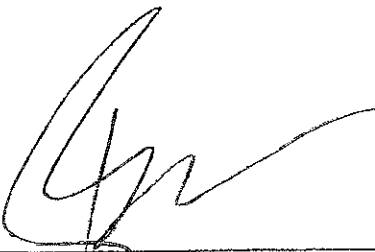
THE ABOVE MENTIONED REQUEST FOR BID IS HEREBY AMENDED AS FOLLOWS:

1. THE IFB OPENING DATE IS HEREBY EXTENDED TO WEDNESDAY,
JANUARY 20, 2016, 2:00 P.M. CENTRAL TIME.

2. IFB Cover Page
Physical Address:
City Clerk's Office
100 Military Plaza
2nd Floor, City Hall
San Antonio, Texas 78205

Changed to read:

Physical Address:
City Hall
100 Military Plaza
San Antonio, Texas 78205



Paul J. Calapa
Procurement Administrator
Finance Department, Purchasing Division

City of San Antonio
Finance Department - Purchasing Division
Local Preference Program Identification Form

The City of San Antonio Local Preference Program, described in the San Antonio City Code Chapter 2, Article XII, establishes a local preference for specific contracting categories. Each time a bidder or respondent submits a bid for a solicitation, this Local Preference Program Identification Form must be completed and turned in with the solicitation response in order to be identified as a City Business and receive the preference described below. The City will not rely on Local Preference Program Identification Forms submitted with prior or contemporaneous bids or proposals.

The Local Preference Program allows the City to grant a preference to a business meeting the definition of *City Business* in the award of the following types of contracts, when selection is made based on price alone:

- Personal Property (Goods / Supplies): The local bidder's price must be within 3% of the price of the lowest non-local bidder for contracts of \$50,000 or more;
- Non-professional Services: The local bidder's price must be within 3% of the price of the lowest non-local bidder for contracts of \$50,000 to under \$500,000;
- Construction Services: The local bidder's price must be within 3% of the price of the lowest non-local bidder for contracts of \$50,000 to under \$100,000, excluding contracts awarded using alternative delivery methods.

The Local Preference Program also allows the award of additional points, when multiple evaluation criteria are used in the award of professional service contracts, where the selection process is not governed by statute and in revenue generating and concession contracts. A business meeting the definition of *City Business* stated below may be awarded 10 points for being headquartered within the city, or 5 points for having a local office within the city.

Moreover, the program recognizes joint venture agreements and allows for apportioning of points based upon the percentage of ownership of joint ventures by *City Businesses* responding to solicitations for which discretionary points are applied. For solicitations where selection is made based on price alone, all members of a joint venture must be *City Businesses* for the preference to be applied.

City Business is defined as a business headquartered within the incorporated San Antonio city limits for one year or more OR one that meets the following conditions:

- Has an established place of business for one year or more in the incorporated limits of the City:
 - (a) from which at least 100 of its employees OR at least 20% of its total full-time, part-time and contract employees are regularly based; and
 - (b) from which a substantial role in the business' performance of a commercially useful function or a substantial part of its operations is conducted by those employees.

A location utilized solely as a post office box, mail drop or telephone message center or any similar combination, with no other substantial work function, is not a *City Business*.

For the purposes of this program, Headquartered is defined as the place where a business entity's officers direct, control, and coordinate the entity's activities.

NOTE: Bidders / Respondents are required to submit documentation to substantiate that the requirements of a City Business have been met. Examples of documentation may include, but are not limited to the following:

1. Existence of local headquarters or office: For corporations, Texas Comptroller's listing of names/addresses of officers and directors. For partnerships, partnership agreement and any documents identifying the current managing partners and their current work addresses
2. Evidence of local headquarters or office in existence for one year or more: Utility bills, real property lease agreements, equipment leases, personal property taxes, real property taxes
3. Evidence of number of employees: Organizational charts, payroll records by location

City of San Antonio
Finance Department - Purchasing Division
Local Preference Program Identification Form

CITY RESERVES THE RIGHT TO REQUEST ADDITIONAL INFORMATION TO VALIDATE BIDDERS'/RESPONDENTS' DESIGNATION AS A CITY BUSINESS.

COMPLETE THE FOLLOWING FORM AND SUBMIT WITH YOUR RESPONSE EVEN IF YOU ARE NOT SEEKING A LOCAL PREFERENCE. THE BIDDER / RESPONDENT MUST COMPLETE THE FOLLOWING FORM TO BE IDENTIFIED AS A CITY BUSINESS. IF BIDDER / RESPONDENT IS SUBMITTING AS A JOINT VENTURE, EACH CITY BUSINESS THAT IS A MEMBER OF THE JOINT VENTURE MUST COMPLETE AND SIGN THIS FORM.

PROVIDE THE FOLLOWING INFORMATION IF BIDDER/ RESPONDENT IS SUBMITTING AS PART OF A JOINT VENTURE. Joint Venture means a collaboration of for-profit business entities, in response to a solicitation, which is manifested by a written agreement, between two or more independently owned and controlled business firms to form a third business entity solely for purposes of undertaking distinct roles and responsibilities in the completion of a given contract. Under this business arrangement, each joint venture partner shares in the management of the joint venture and also shares in the profits or losses of the joint venture enterprise commensurately with its contribution to the venture.

STATE BIDDER'S / RESPONDENT'S PERCENTAGE OF OWNERSHIP IN THE JOINT VENTURE: N/A %

SUBMIT A COPY OF THE JOINT VENTURE AGREEMENT. SUBMIT ANY OTHER DOCUMENTATION REQUESTED BY CITY TO SUBSTANTIATE THE EXISTANCE OF AND/OR PARTICIPATION IN THE JOINT VENTURE. NO PREFERENCE POINTS WILL BE ALLOCATED TO A JOINT VENTURE THAT FAILS TO SUBMIT REQUIRED DOCUMENTATION.

SOLICITATION NAME/NUMBER: H+E Equipment Services / V1007512

PROVIDE THE FOLLOWING INFORMATION REGARDING BIDDER'S / RESPONDENT'S HEADQUARTERS:

Name of Business:	<u>H+E Equipment Services</u>	
Physical Address:	<u>7500 Pecane Lane</u>	
City, State, Zip Code:	<u>Baton Rouge, LA 70809</u>	
Phone Number:	<u>225-298-5200</u>	
Email Address:	<u>HE-equipment.com</u>	
Provide the total number of full-time, part-time, and contract personnel employed by Bidder / Respondent:	<u>1,300</u>	
Is Business headquartered within the incorporated San Antonio city limits? (circle one)	Yes	<input checked="" type="radio"/> No
Has the business been headquartered in the incorporated San Antonio city limits for one year or more? (circle one)	Yes	No
If the answers to the questions above are "Yes", stop here. If the answer to either of the above questions is "No", provide responses to the following questions:		

City of San Antonio
Finance Department - Purchasing Division
Local Preference Program Identification Form

PROVIDE THE FOLLOWING INFORMATION REGARDING BIDDER'S / RESPONDENT'S LOCAL OFFICE (IF APPLICABLE):

Name of Business:	<i>H+E Equipment Services</i>	
Physical Address:	<i>5327 Tex-Con Rd.</i>	
City, State, Zip Code:	<i>San Antonio, TX 78220</i>	
Phone Number:	<i>210-655-0048</i>	
Email Address:	<i>jgambrel@he-equipment.com</i>	
Provide the total number of full-time, part-time, and contract personnel employed by Bidder / Respondent in the local office:	<u><i>37</i></u>	
Is the business located in the incorporated San Antonio city limits? (circle one)	<input checked="" type="radio"/> Yes	No
Has the business been located in the incorporated San Antonio city limits for one year or more? (circle one)	<input checked="" type="radio"/> Yes	No
Are at least 100 full-time, part-time or contract employees regularly based in the San Antonio office? (circle one)	Yes	<input checked="" type="radio"/> No
Are at least 20% of the business' total full-time, part-time or contract employees regularly based in the San Antonio office? (circle one)	<input checked="" type="radio"/> Yes	No
Do the employees in the San Antonio office perform a substantial role in the business' performance of a commercially useful function or are a substantial part of the business' operations conducted in the San Antonio office? (circle one)	<input checked="" type="radio"/> Yes	No

City of San Antonio
Finance Department - Purchasing Division
Local Preference Program Identification Form

ACKNOWLEDGEMENT


THE STATE OF TEXAS

I certify that my responses and the information provided on this Local Preference Program Identification Form are true and correct to the best of my personal knowledge and belief and that I have made no willful misrepresentations on this form, nor have I withheld any relevant information in my statements and answers to questions. I am aware that any information given by me on this Local Preference Program Identification Form may be investigated and I hereby give my full permission for any such investigation, including the inspection of business records and site visits by City or its authorized representative. I fully acknowledge that any misrepresentations or omissions in my responses and information may cause my offer to be rejected or contract to be terminated. I further acknowledge that providing false information is grounds for debarment.

BIDDER'S / RESPONDENT'S FULL NAME:

Joe Gambrel

(Print Name) Authorized Representative of Bidder / Respondent



(Signature) Authorized Representative of Bidder / Respondent

Sales

Title

1-18-16

Date

**This Local Preference Identification Form must be submitted with the bidder's /
respondent's bid/proposal response.**

City of San Antonio
Veteran-Owned Small Business Program Tracking Form

Authority. San Antonio City Code Chapter 2, Article XI describes the City's veteran-owned small business preference program.

Tracking. This solicitation is not eligible for a preference based on status as a veteran-owned small business (VOSB). Nevertheless, in order to determine whether the program can be expanded at a later date, the City tracks VOSB participation at both prime contract and subcontract levels.

Certification. The City relies on inclusion in the database of veteran-owned small businesses (VOSB) maintained by the U.S. Small Business Administration to verify VOSB status; however, veteran status may also be confirmed by certification by another public or private entity that uses similar certification procedures.

Definitions.

The program uses the federal definitions of veteran and veteran-owned small business found in 38 CFR Part 74.

- The term "veteran" means a person who served on active duty with the U.S. Army, Air Force, Navy, Marine Corps, Coast Guard, for any length of time and at any place and who was discharged or released under conditions other than dishonorable. Reservists or members of the National Guard called to federal active duty or disabled from a disease or injury incurred or aggravated in line of duty or while in training status.
- A veteran-owned small business is a business that is not less than 51 percent owned by one or more veterans, or in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; the management and daily business operations of which are controlled by one or more veterans and qualifies as "small" for Federal business size stand purposes.

The program uses the below definition of joint venture.

- Joint Venture means a collaboration of for-profit business entities, in response to a solicitation, which is manifested by a written agreement, between two or more independently owned and controlled business firms to form a third business entity solely for purposes of undertaking distinct roles and responsibilities in the completion of a given contract. Under this business arrangement, each joint venture partner shares in the management of the joint venture and also shares in the profits or losses of the joint venture enterprise commensurately with its contribution to the venture.

The program does not distinguish between a veteran and a service-disabled veteran-owned business and is not limited geographically.

COMPLETE THE FOLLOWING FORM AND SUBMIT WITH YOUR BID/PROPOSAL.

INSTRUCTIONS

- IF SUBMITTING AS A PRIME CONTRACTOR ONLY, COMPLETE **SECTION 1** OF THIS FORM.
- IF SUBMITTING AS A PRIME CONTRACTOR UTILIZING A SUBCONTRACTOR, COMPLETE **SECTIONS 1 AND 2** OF THIS FORM.

City of San Antonio
Veteran-Owned Small Business Program Tracking Form

SOLICITATION NAME/NUMBER: H+E Equipment Services / V1007512

Name of Respondent:	Joe Gambrel	
Physical Address:	5327 Tex-Con Rd.	
City, State, Zip Code:	San Antonio, TX 78220	
Phone Number:	210-655-0048	
Email Address:	jgambrel@he-equipment.com	
Is Respondent certified as a VOSB with the U.S. Small Business Administration? (circle one)	Yes	<input checked="" type="radio"/> No
If yes, provide the SBA Certification #		
If not certified by the SBA, is Respondent certified as a VOSB by another public or private entity that uses similar certification procedures? (circle one)	Yes	<input checked="" type="radio"/> No
If yes, provide the name of the entity who has certified Respondent as a VOSB. Include any identifying certification numbers.		
Participation Percentage:		
Participation Dollar Amount:		

Is Respondent subcontracting with a business that is certified as a VOSB? (circle one)	Yes	<input checked="" type="radio"/> No
Name of SUBCONTRACTOR Veteran-Owned Small Business:		
Physical Address:		
City, State, Zip Code:		
Phone Number:		
Email Address:		
Is SUBCONTRACTOR certified as a VOSB with the U.S. Small Business Administration? (circle one)	Yes	<input checked="" type="radio"/> No
If yes, provide the SBA Certification #		
If not certified by the SBA, is SUBCONTRACTOR certified as a VOSB by another public or private entity that uses similar certification procedures? (circle one)	Yes	<input checked="" type="radio"/> No
If yes, provide the name of the entity who has certified SUBCONTRACTOR as a VOSB. Include any identifying certification numbers.		
Participation Percentage:		
Participation Dollar Amount		

City of San Antonio
Veteran-Owned Small Business Program Tracking Form

ACKNOWLEDGEMENT

THE STATE OF TEXAS

I certify that my responses and the information provided on this Veteran-Owned Small Business Preference Program Identification Form are true and correct to the best of my personal knowledge and belief and that I have made no willful misrepresentations on this form, nor have I withheld any relevant information in my statements and answers to questions. I am aware that any information given by me on this Veteran-Owned Small Business Preference Program Identification Form may be investigated and I hereby give my full permission for any such investigation, including the inspection of business records and site visits by City or its authorized representative. I fully acknowledge that any misrepresentations or omissions in my responses and information may cause my offer to be rejected or contract to be terminated. I further acknowledge that providing false information is grounds for debarment.

BIDDER/RESPONDENT'S FULL NAME:

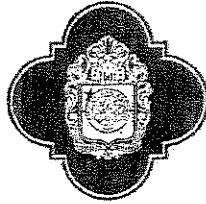
Joe Gambrel
(Print Name) Authorized Representative of Bidder/Respondent


(Signature) Authorized Representative of Bidder/Respondent

Sales
Title

1-18-16
Date

This Veteran-Owned Small Business Program Tracking Form must be submitted with the Bidder/Respondent's bid/proposal.



City of San Antonio

ADDENDUM II

SUBJECT: Medium Equipment II, Invitation for Bid (6100006993), Scheduled to Open: January 20, 2016; Date of Issue: December 21, 2015

FROM: Paul J. Calapa, Procurement Administrator

DATE: January 14, 2016

THIS NOTICE SHALL SERVE AS ADDENDUM NO. II – TO THE ABOVE REFERENCED INVITATION FOR BID

THE ABOVE MENTIONED INVITATION FOR BID IS HEREBY AMENDED AS FOLLOWS:

1. Revised Attachment A Price Schedule:
Amended to add Item 10 – Description: Brush Chipper – Diesel, Quantity: 1 each
2. IFB Document Section 004 – Specifications/ Scope of Services, Item description added. Item 10 added:

Added:

4.12	ITEM	QUANTITY	DESCRIPTION
	10	1	BRUSH CHIPPER - DIESEL

4.12.1 **ENGINE:** Minimum 170 HP, liquid cooled. Tier IV interim or greater.

4.12.2 **FUEL:** Diesel, minimum 30 gallon tank

4.12.3 **AXLE:** Axle rating to equal or greater than 10,000lbs. Axle must be able to support a winch and winch line with a 2,000 lb pull minimum. Winch line to be a minimum 150 ft.

4.12.4 **MAX TORQUE:** Minimum 492 FT-lb @ 1500 rpm

4.12.5 **CHIPPING CAPACITY:** Minimum 18"

4.12.6 **INFEED OPENING HEIGHT:** Minimum 22"

4.12.7 **INFEED OPENING WIDTH:** Minimum 18"

4.12.8 **FEED TABLE HEIGHT:** Minimum 32"

4.12.9 **FEED SPEED:** Maximum 120 fpm

4.12.10 **DRUM SPEED:** Minimum 1100 rpm

4.12.11 **TIRE SIZE:** Minimum 235/75R17

4.12.12 **CHUTE:** Discharge chute with adjustable height.

4.12.13 **CUTTING SYSTEM:** Remote control brush chipper functions which can be attached or held by bracket mounted directly to operator station. Unit required to have the ability to clear feed roller jams for safe operation.

4.12.14 **HITCH:** Pintle 2.375" diameter

4.12.15 **FEED SYSTEM SAFETY:** Require a feed control mechanism to enable the operator to stop the rollers and select forward or reverse.

4.12.16 **ELECTRICAL:** Unit to have LED front, rear, side, and brake lights.

3. IFB Document Section 004 – Specifications/ Scope of Services, Item description changed to read:

4.5 ITEM	QUANTITY	DESCRIPTION
3	1	Concrete/ Pavement Saw

Changed to read:

4.5.7 Mounted water tank, 5 gallon for cooling and dust control

4.8 ITEM	QUANTITY	DESCRIPTION
6	1	Material Handling Man Lift

Changed to read:

4.8.2 PLATFORM HEIGHT: Minimum of 75 feet.

4.9 ITEM	QUANTITY	DESCRIPTION
6	1	Material Handling Man Lift

Changed to read:

4.9.9 Dual Flashing beacon / motion alarm

4.10 ITEM	QUANTITY	DESCRIPTION
8	1	Trailer Mounted Hydro-Jetter

Changed to read:

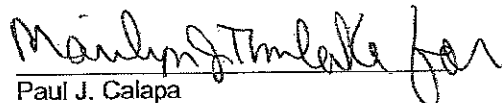
- 4.10.5 Hoses: Unit to include minimum industry standard:
- a) 350 ft of 3/8" high pressure cleaning hose with power hose reel
 - b) 100 ft of 5/8" rubber water supply hose
 - c) 75 ft of 1/2" trap-cleaning hose.
- Unit shall be equipped with hose reels for item b of the above mentioned

QUESTIONS SUBMITTED IN ACCORDANCE WITH SECTION 003, RESTRICTIONS ON COMMUNICATION:

Question 1: Can you provide the make and model of the equipment that is being replaced?

Response: Item 1 - Trailer Mounted Paint Striper being replaced – Trantex/TP1200SH
 Item 2 - Operator Propelled Paint Striper being replaced – Trantex/CH265M
 Item 3 - Concrete/Pavement Saw being replaced – Husqvarna/FS400LV
 Item 4 - Skid Mounted Generator – MIG Welder being replaced – Miller Bobcat/225NT
 Item 5 - 6,000 lbs LPG Forklift being replaced – Noble/RC60T
 Item 6 - Material Handling Man Lift being replaced – Denka/AT80
 Item 8 - Trailer Mounted Hydro-Jetter being replaced – Spartan
 Item 9 - Ride On Street Sweeper being replaced – Powerboss TSS/82LP

****THIS ADDENDUM SHALL BE SIGNED AND RETURNED WITH THE BID PACKAGE****



Paul J. Calapa
 Procurement Administrator
 Finance Department – Procurement Division

Date 1-18-16
 Company Name H+E Equipment Services
 Address 5327 Tex-Con Rd.
 City/State/Zip Code San Antonio, TX 78220
 Signature [Handwritten Signature]

PC/aj

5327 Tex-Con Drive
San Antonio TX, 78220

Date: 01/20/2016
Quote Number: S-JG1161
Expiration Date: 02/20/2016

Item # 3

Customer

CITY OF SAN ANTONIO (Acct: 1004974)
131 W. Nueva (City Hall Annex)
San Antonio TX, 78204

Cust. Contact: *IFB 6100006993* Sales Representative: Joseph Gambrel

Cell: (210) 336-8165

Model	Description	Price
2016 HUSQVARNA - FS400	WALK BEHIND SAW	\$2,160.00
	Engine - Honda GX390	
	Horse Power - 11.7	
	Max Cutting Depth - 6.5"	
	Fuel Capacity - 1.61 gallon	
	Blade Guard - 18"	
	Blade Shaft RPM - 3000	
	Total:	\$2,160.00

Notes

This quotation reflects present prices, but is subject to adjustment based on manufacturer's price increases and availability. Whether or not specifically set forth, this quotation is subject to any applicable federal, state, and local taxes and freight charges. This quotation is subject to any and all manufacturer's warranties respectively applicable to new equipment and is subject to the limitations and conditions of those warranties. No other warranties are implied or offered by H&E Equipment Services, Inc. unless specifically outlined on the face of this quotation. This quotation is subject to change without notice. This quotation is an invitation to offer and not binding until acceptance by H&E Equipment Services, Inc.'s Branch Manager. Unless otherwise stated, quotation expires on the Expiration Date listed on this quote and may be modified or withdrawn by H&E prior to acceptance.

For sale of rental fleet, Buyer is hereby notified that H&E has assigned its rights (but not its obligations) in this agreement to sell the equipment described herein to H&E Equipment Exchange LLC, a qualified intermediary, as part of a Section 1031 exchange.

Any quoted interest rates and payment are subject to availability and credit approval. Payment Amounts do not include applicable taxes or fees.

H&E Branch Manager Acceptance:

Customer Acceptance of this proposal:

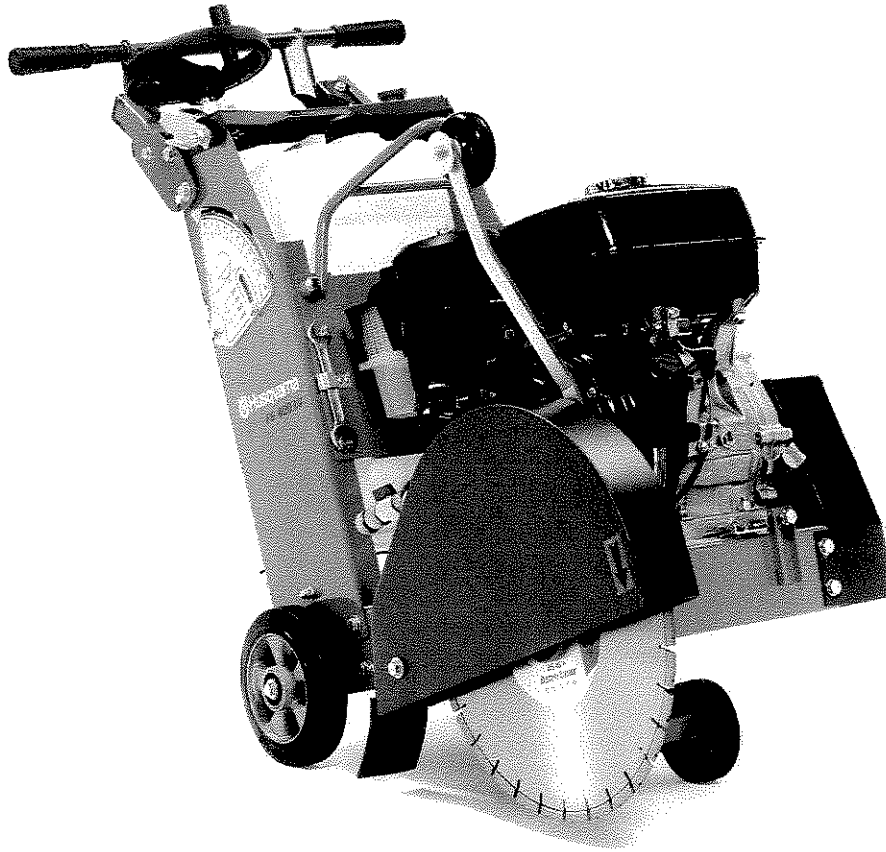
Signed:

Signed:

Date:

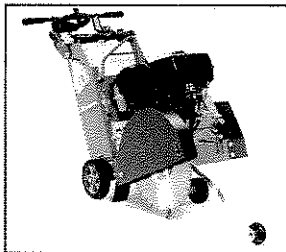
Date:

Purchase Order:



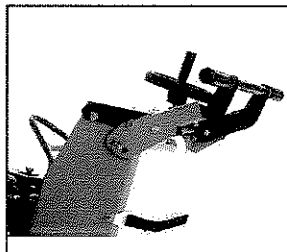
Husqvarna FS 400

Our robust FS 400 LV is a convenient all-round petrol push floor saw. The adjustable handle ensures an ergonomic working position. Perfect weight distribution gives excellent stability while sawing. Ideal for small road repair jobs in concrete or asphalt, up to 162 mm cutting depth.



EASY TO OPERATE

Productive and robust with excellent weight distribution and stability.



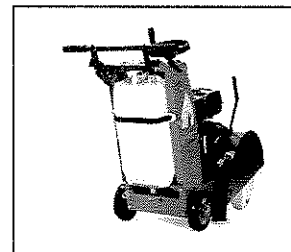
ADJUSTABLE HANDLES

Provides a closer and more comfortable position to the cutting side for easier alignment and straighter cuts. Handle can also be folded for transport.



EASY TO TRANSPORT

Compact saw that is easy to lift.



LARGE INTEGRATED WATER TANK

Quick connection for water hose to the blade guard. No tools required for dis-assembly.

Features Husqvarna FS 400

- Engine and blade shaft mounting system increases comfort and gives excellent cutting performance.
- Adjustable for all blade diameters.
- The handwheel can be folded when moving the saw to avoid breakage.

TECHNICAL SPECIFICATION	
Motor manufacturer	Honda
Motor spec	GX390
Max output (As rated by the engine manufacturer)	8.7kW/11.7 hp
Engine/motor RPM	pos1:3600 rpm
Cylinders	1
Number of strokes	4-stroke engine
Cylinder displacement	23 cu.inch
Cylinder bore	3 inch
Cylinder stroke	2 inch
Fuel tank volume	1.61 gal.
Air filter type	Cyclone dry dual
Starter	Recoil
Engine cooling	Air
Belt	Poly V
Oil capacity, l	1.1 lit
Diamond blade, max	18"
Max cutting depth	6.5 inch
Spindle diameter	1"
Blade depth control	Handwheel
Blade rotation	Downcut
Blade shaft drive	Poly-V belt
Blade flange	4.5"
Bladeshaft RPM	3000 rpm
Arbor size	1"
Axle front	0.79 inch
Handle bars	Fixed, low vibration
Primary wheel size	Outside diameter: 4.92 Wheel width: 1.38 Inner bore: 0.79"
Secondary wheel size	Outside diameter: 7.87 Wheel width: 1.38 Inner bore: 0.79"
Wheel description primary	Aluminium with bearings & seals
Wheel description secondary	Aluminium with bearings & seals
Blade guard attachment	Bolted
Blade guard capacity	18 inch
Blade guard type	Fixed
Water tank volume	7.9 gal.
Water safety device	Integrated water tank
Weight	218.25 lbs
Weight incl. packaging	275.57 lbs
Product size, LxWxH	45.28x23.23x37.01 inch
Sound power level, guaranteed (LWA)	106 dB(A)
Sound pressure	96 dB(A)
Hand arm vibration (Aeq)	3.5 m/s ²



5327 Tex-Con Drive
San Antonio TX, 78220

Item # 4

Date: 01/18/2016
Quote Number: S-JG1162
Expiration Date: 02/18/2016

Customer

CITY OF SAN ANTONIO (Acct: 1004974)
131 W. Nueva (City Hall Annex)
San Antonio TX, 78204

Cust. Contact: IFB 6100006993

Sales Representative: Joseph Gambrel

Cell: (210) 336-8165

Model	Description	Price
2016 MILLER - Bobcat 250 LP	Welder Rated Output - 250A AC/25V / 250A DC/25V 100% Generator - 11,000 watts peak, 9500 watts continuous Engine - Kohler CH730 Horse Power - 21hp @ 3600rpm LP Cylinders - (2) 33# Aluminum	\$5,919.00
Total:		\$5,919.00

Notes

This quotation reflects present prices, but is subject to adjustment based on manufacturer's price increases and availability. Whether or not specifically set forth, this quotation is subject to any applicable federal, state, and local taxes and freight charges. This quotation is subject to any and all manufacturer's warranties respectively applicable to new equipment and is subject to the limitations and conditions of those warranties. No other warranties are implied or offered by H&E Equipment Services, Inc. unless specifically outlined on the face of this quotation. This quotation is subject to change without notice. This quotation is an invitation to offer and not binding until acceptance by H&E Equipment Services, Inc.'s Branch Manager. Unless otherwise stated, quotation expires on the Expiration Date listed on this quote and may be modified or withdrawn by H&E prior to acceptance.

For sale of rental fleet, Buyer is hereby notified that H&E has assigned its rights (but not its obligations) in this agreement to sell the equipment described herein to H&E Equipment Exchange LLC, a qualified intermediary, as part of a Section 1031 exchange.

Any quoted interest rates and payment are subject to availability and credit approval. Payment Amounts do not include applicable taxes or fees.

H&E Branch Manager Acceptance:

Customer Acceptance of this proposal:

Signed: _____

Signed: _____

Date: _____

Date: _____

Purchase Order: _____

Bobcat™ 225 and 250

Gas or LP Engine-Driven
Welder/AC Generator 

Quick Specs

Industrial Applications

Maintenance
Repair
Farm/Ranch Applications
Fabrication
Structural Steel Work
Use as a Stand-Alone Generator

Processes

Stick (SMAW)
Flux-Cored (FGAW)
MIG (GMAW)
DC TIG (GTAW)
Non-Critical AC TIG (GTAW)
Air Carbon Arc (CAC-A)
Cutting and Gouging
(250 model only, 3/16-in. carbons)
Air Plasma Cutting and Gouging
with optional Spectrum models

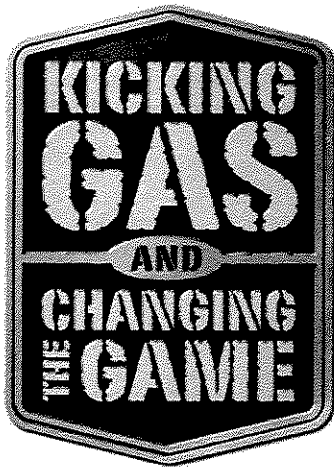
Output Range	225	250	250 EFI
AC Stick/TIG	70–150 A	40–250 A	40–250 A
DC Stick/TIG*	50–225 A	40–250 A	40–250 A
FGAW/MIG	19–28 V	17–28 V	17–28 V

*DC TIG available above 80 amps.

Generator Power Output Rated at 104° F (40° C)

225/250 Peak: 11,000 W
225/250 Continuous: 9500 W
250 EFI Peak: 12,000 W
250 EFI Continuous: 10,500 W

**Accu-Rated™
Not Inflated
Generator Power**



The most popular welder/generator in the industry is getting better. Building on its exceptional value, the redesigned Bobcats are:

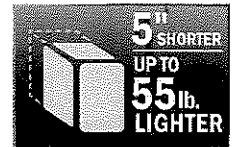
- Quieter to operate
- Smaller and lighter
- More fuel efficient with EFI
- Easier to maintain



Bobcat 250 EFI model shown.



Safer, more productive jobsite



Easier mobility and uses less truck space and payload

Easier Maintenance

With its intuitive design, the daily maintenance of our Bobcat welder/generators is faster and easier.



Welder/generator is warranted for 3 years, parts and labor.
Engine is warranted separately by the engine manufacturer.



Miller Electric Mfg. Co.
An ITW Company
1635 West Spencer Street
P.O. Box 1079
Appleton, WI 54912-1079 USA

Equipment Sales US and Canada
Phone: 866-931-9730
FAX: 800-637-2315
International Phone: 920-735-4554
International FAX: 920-735-4125

MillerWelds.com



The Bobcat™ Advantage

Quieter and Better Sound*

Significant improvements in sound level and quality offer better jobsite communication, which provides a safer, more efficient working environment for you and your crew. Bobcat welder/generators have rotated the engine toward the front to create more efficient airflow, resulting in significantly quieter operation. Now you can start your job earlier in the day and end it later, as well as work around hospitals, businesses, and residential areas.



Smaller and Lighter Design*

Bobcat welder/generators take up less space on trucks and trailers—leaving more room on your truck for other equipment and tools. Plus, they're easier to move safely around jobsites—even with weld cables and running gear attached.

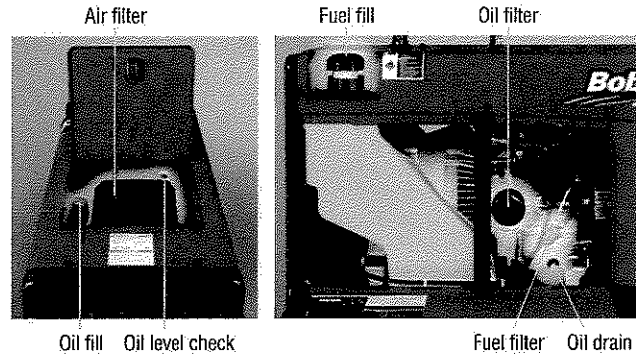


*Compared to previous model

Easier Maintenance*

With its intuitive design, the daily maintenance of our Bobcat welder/generators is faster and easier. With front panel maintenance displays, you know when your equipment needs to be serviced. And servicing is simple because of:

- Oil checks that can be performed from the top by the front panel
- Toolless panels that allow for quick access
- Single-side fuel fill and oil drain/filter



Designed for Reliability

From Appleton, Wis. USA, our welder/generators are the most rugged, durable and long-lasting in the industry. We manufacture them to exceed requirements for extreme working conditions and they are hard-working from the core:

- Copper windings and iron generator components for a quality-built machine
- Lugged — not soldered — heavy internal leads for better field durability

- Superior cooling technology for maximum performance and engine life
- Super-tough armor to protect the welder/generator from accidental impact
- Protective armor doors to cover the weld studs and receptacles as required by OSHA and CSA for jobsite safety
- Lift hook integrated into the center frame, which bolts to the machine's base for greater durability



Long Runtimes

Large 12-gallon fuel capacity means many hours of run time before refueling.

Versatile AC and DC Weld Output

Provides quality welds on all types of metals. DC is smooth and easy to run while AC Stick is used when arc blow occurs.

Bobcat™ 250 Additional Features

- Front panel fuel and sight gauges provide convenient fuel level indication
- Smoother weld output and better generator power while welding
- More weld output than 225-amp welder generators — 72 percent more power for MIG/FCAW, 67 percent more for AC welding, and 11 percent more for DC Stick



Bobcat 250 recommended option

Electronic Fuel Injection (EFI)

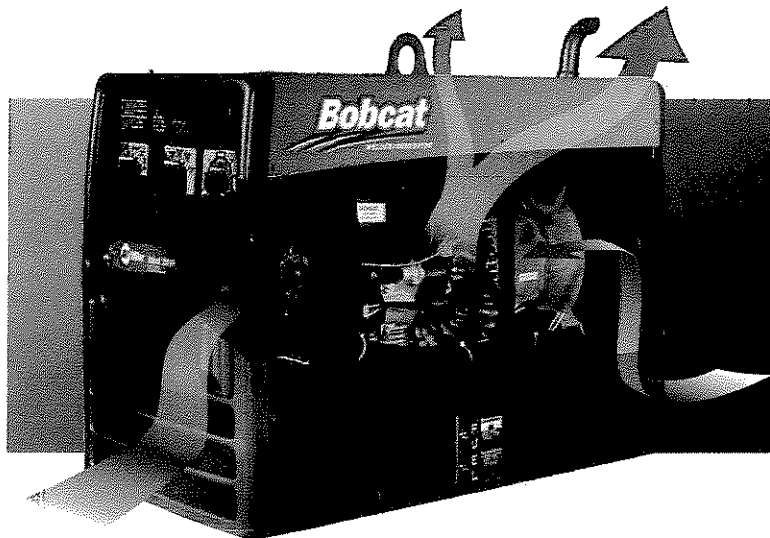
EFI gas engines optimize the air/fuel ratio for all engine speeds and engine loads, resulting in lower operational costs, fewer emissions, longer runtimes and better performance when compared to carbureted models. The payback from fuel savings alone is a matter of months.



EFI Advantages (vs. carburetor models)

- 12,000 watts of generator power
- Up to 27 percent better fuel efficiency — save up to \$1,000 per year in fuel and extend runtimes by as much as 2.5 hours per tank
- Fast, easy starts in all climates — no choke required
- Reliable operation, even with infrequent use — less prone to fuel deterioration
- Fewer emissions — 27 percent less CO and 33 percent lower HC+NOx levels

Reversed Generator Airflow

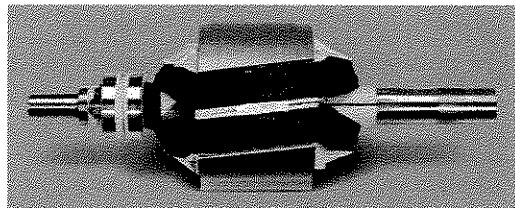


Exclusive engine and generator packaging design operates cooler and more efficiently. The engine is rotated towards the front to create more efficient airflow. More efficient airflow and exclusive engine location are significant contributors to reduced sound level and size reduction. Hot air recirculation is eliminated when machine is mounted in tight spots, and internal parts are kept cool for optimal performance.

The Bobcat™ Generator Power Advantage

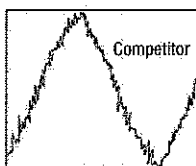
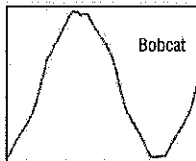
Accu-Rated™ – Not Inflated Generator Power

Our Accu-Rated™ 11,000 watts (12,000 with EFI) of usable peak power is delivered for a minimum of 30 seconds. Accu-Rated means peak power is usable for maximum generator loads such as plasma cutting, Millermatic® MIG welders and motor starting. Accu-Rated peak power beats the competition's very short-duration peak or surge power. Use your peak power, it's more than a number.

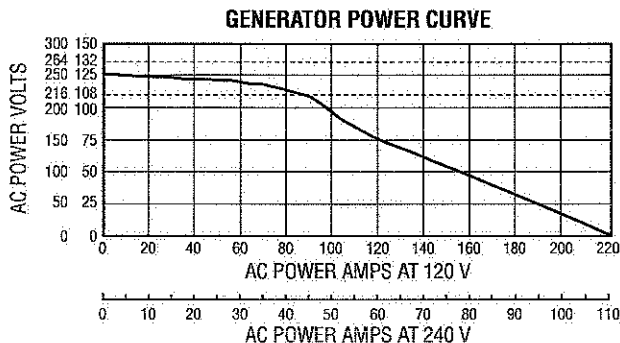


Smooth Power – Not Spike Power

Revolutionary ten-degree skewed-rotor design optimizes generator performance for smoother power — not spiked power found with other brands. Better power — better performance.



Waveform Comparison



Tools and motors are designed to operate within 10 percent of 120/240 VAC. The Bobcat's power generator provides strong power while keeping the voltage within 10 percent of 120/240 VAC. This increases tool/motor performance and life.

Typical Equipment Power Usage

Bobcats will easily start and run the following equipment:

Equipment	Starting Watts	Running Watts
Barn Cleaner (5 HP)	11,600	3000
Silo Unloader (5 HP)	12,200	4300
Portable Conveyor (1/2 HP)	3400	1000
Milker (5 HP)	10,500	2800
Hand Drill (1/2 inch)	600	600
Circular Saw (8-1/4 inch)	1400	1400
Air Compressor (1-1/2 HP)	8200	2200
Flood Lights (Vapor)	1250	1000
Refrigerator/Freezer	2200	700
Sump Pump	1300	800
Millermatic® 212 Auto-Set™ MIG Welder (230 V)	6500	6500
Spectrum® 625 X-TREME™ (30 A, 230 V, 1/2-inch cut)	6900	6900

To select a generator that has enough power output in watts, add the watts for the items you want to simultaneously run. Tools and appliances with induction motors may require three to seven times the listed wattage when starting. All data listed is approximate — check your tool/appliance for specific wattage requirements.

Specifications (Subject to change without notice.)



Model	Welding Mode	Process	Amp/Volt Ranges	Rated Output at 100% Duty Cycle (at 104° F/40° C) ²	Single-Phase Generator Power	Sound Levels at Max. Load/ at 150 Amps	Dimensions	Net Weight ³
Bobcat 225	CC/AC	Stick/TIG	70–150 A	150 A at 25 V	Peak: 11,000 watts Continuous: 9500 watts 120/240 VAC, 88/44 A, 60 Hz	73.5 dB/72 dB	H: 28 in. (711 mm) H: 32.75 in. (832 mm) (to top of exhaust) W: 20 in. (508 mm) D: 40.5 in. (1029 mm)	485 lb. (220 kg)
	CC/DC	Stick/TIG ¹	50–110 A 70–170 A 80–225 A	225 A at 25 V				
	CV/DC	MIG/FCAW	19–28 V	200 A at 20 V				
Bobcat 250	CC/AC	Stick/TIG	40–140 A 60–160 A 80–225 A	225 A at 25 V (250 A at 25 V, 60% Duty Cycle)	Peak: 11,000 watts Continuous: 9500 watts 120/240 VAC, 88/44 A, 60 Hz EFI Model Peak: 12,000 watts Continuous: 10,500 watts	72.5 dB/72 dB	H: 28 in. (711 mm) H: 32.75 in. (832 mm) (to top of exhaust) W: 20 in. (508 mm) D: 40.5 in. (1029 mm)	501 lb. (227 kg)
	CC/DC	Stick/TIG ¹	100–250 A	250 A at 25 V				
	CV/DC	MIG/FCAW	17–22 V 20–28 V	250 A at 25 V (275 A at 25 V, 60% Duty Cycle)				

Note: Derate outputs up to five percent when using LP fuel. 1) DC TIG available above 80 amps. 2) Rated at sea level. 3) Net weight without fuel.

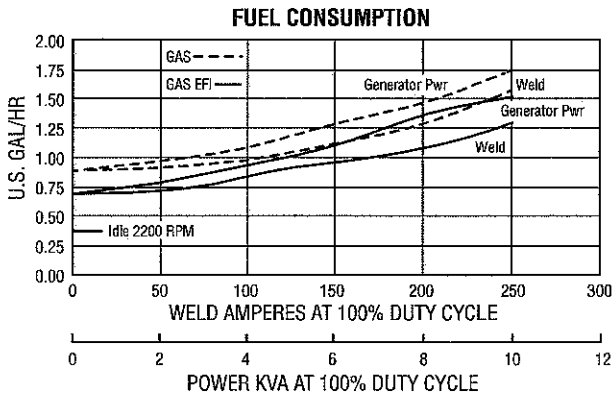
Certified by Canadian Standards Association to both the Canadian and U.S. Standards.

Engine Specifications (Engines warranted separately by the engine manufacturer.)

Model	Engine Brand and Warranty	Horsepower (HP)	Type	Weld Speed	Idle Speed	Fuel Capacity	Oil Capacity	Standard Shutdowns
Bobcat 225 and 250	Kohler CH730, 3-year warranty	Gas: 23.5 HP at 3600 RPM LP: 21 HP at 3600 RPM	Twin-cylinder, four-cycle overhead valve, industrial air-cooled, gasoline* (carburetor or EFI) or LP	3600 RPM	2300 RPM	12 gal. (45 L)	1.5 qt. (1.4 L)	Low Oil Pressure
Bobcat 250 EFI	Kohler ECH730, 3-year warranty	23 HP at 3600 RPM						

*Fuel stabilizer is recommended for gas engines that are used infrequently.

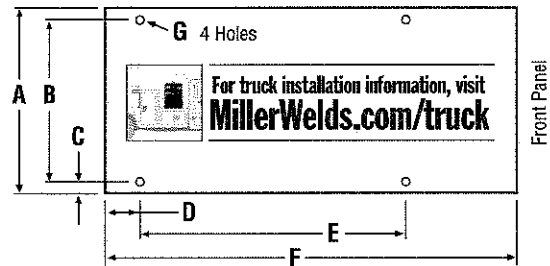
Performance Data



FUEL CONSUMPTION DATA

- 12-gallon fuel capacity.
- On a typical job using 1/8-inch 7018 electrodes (125 A, 20% duty cycle) expect about 20 hours (gas) of operation.
- Welding at 150 A, 40% duty cycle uses approximately 3/4 gallon per hour—about 16 hours of operation (gas).
- Under a continuous load of 4000 watts of generator power, the Bobcat would run for about 14 hours (gas) of operation.

Mounting Specifications



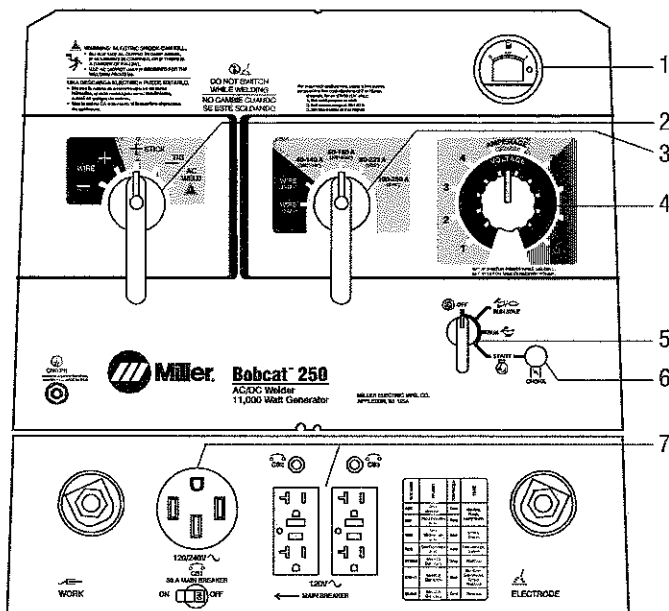
- A. 20 in. (508 mm)
- B. 16.5 in. (419 mm)
- C. 1.75 in. (44.5 mm)
- D. 5.12 in. (130 mm)
- E. 22.3 in. (566 mm)
- F. 40.32 in. (1024 mm)
- G. .406 in. (10.3 mm) diameter

Choose the Right Bobcat® Engine Drive

Sound Levels	Bobcat 225	UPGRADE	Bobcat 250
At Maximum Load / At 150 Amps	73.5 dB / 72 dB	➔	72.5 dB / 72 dB
Compared to Previous Model	Up to 1/4 Less Noise	➔	Up to 1/3 Less Noise
Sound Quality	Good	➔	Very Good
Fuel System			
Typical Runtime per 12-Gallon Tank	13 hours	➔	13 hours / 15.5 hours with EFI
Efficiency	Good	➔	Good / Very Good
Type	Gasoline		Gasoline or LP
Delivery	Carburetor		Carburetor or EFI
Generator			
Watts	11,000	➔	11,000 / 12,000 with EFI
Clean Power Quality	Very Good		Very Good
Power While Welding	Fair / Good with voltage control set near maximum	➔	Good—easier to fine tune arc with voltage control near maximum
Weld Performance			
Stick	Good / Very Good	➔	Very Good
Wire (Solid/FCAW), Steel	Fair: .035 in.	➔	Good: .035–1/16 in.
Wire, Aluminum with Spool Gun	Fair / Good	➔	Very Good
DC TIG (Steel)	Good	➔	Very Good
AC Weld	70–150 amps	➔	40–250 amps
Carbon Arc Gouging	N/A	➔	Good / Very Good, Carbons: Rated 3/16 in.
Dimensions			
Size (H x W x D)	28 x 20 x 40.5 in.		28 x 20 x 40.5 in.
Weight	485 lb.		501 lb.
Key Features			
Maintenance Displays	Hours / Oil Change	➔	Hours / Oil Change / Fuel

Note: See MillerWelds.com or the Full-line Catalog to compare to Trailblazer models.

Function and Benefit Guide



- Maintenance Displays** provide fuel level (250 models only), engine hours and oil change interval information.
- Weld Process Selector Switch** makes choosing between Stick, Wire and TIG processes easy. Switch also automatically changes polarity with process selection to make sure the machine is easy to set with little effort or knowledge (on 225 model, Weld Process Selector Switch is combined with Coarse Range Control).
- Coarse Range Control**
225 Model—Three DC Stick/TIG, one AC TIG, and one Wire range are available for output control. Stick ranges are designed for electrode diameters (3/32, 1/8 and 5/32 inch) making these models **very easy to set**.
250 Model—Four Stick/TIG and two Wire ranges are available for output control. Stick ranges are designed for electrode diameters (3/32, 1/8, 5/32 and 3/16-inch) making these models **very easy to set**.
- Fine Adjust Control** makes it easy to fine tune amperage within a coarse range. Set control above 7 for best power while welding and to 10 for generator-only use.
- Engine Control Switch** is used to start the engine and then select between Auto Idle and High Speed Lock.
- Engine Choke Control** is used for easy engine starting.
Note: No choke necessary on EFI models.
- 120 VAC and 240 VAC Covered Receptacles with Circuit Breakers.**
Note: For matching plug, order #119 172.

Genuine Miller Options *Available as factory option. See ordering information on back page.

GFCI Receptacles* #300 975 Field
Kit contains two GFCI 120 VAC duplex receptacles.

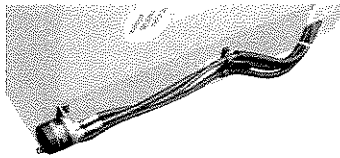
LP Gas*

Liquid withdrawal LP system with vaporizer and regulator. Does not include tanks, brackets, or hose from tank to regulator.

Note: Order #300 917 Hose and LP Tank Mounting Assembly separately.


Electric Fuel Pump* #300 976 Field
For gas models at high altitude. Improves engine starting and high-output performance.

Spark Arrestor #300 924 Field
Mandatory when operating on California grasslands, brush or forest-covered land, and all National Forests. For other areas, check your state and local laws.



Remote Oil Drain and Filter Kit #300 923 Field
Front mount for Kohler. Makes servicing easy when engine drive is mounted in tight spots.



Female Receptacle 

Adapter Cord, Full KVA #300 517 Field
NEMA 14-50P to NEMA 6-50R. Adapts engine drive 120/240 V plug to common Millermatic® and Spectrum® 240 V plug.



Full KVA Plug Kit #119 172 Field
120/240 VAC, 50 A plug (NEMA 14-50P) to fit full KVA receptacle.

Order the following from Miller Service Parts.

Engine Tune-Up Kits

#230 015 Field. Kohler CH730 (Gas)
#246 115 Field. Kohler ECH730 (EFI Gas)
#252 838 Field. Kohler CH730 (LP)
Includes spark plugs and engine filters.

Genuine Miller Accessories



Never Flat™ Tires

Available on Bobcat and Trailblazer Running Gear.

- Eliminate costly jobsite downtime

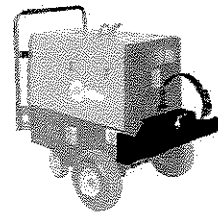
- Maintain constant tire pressure and will not develop flats
- Protect against punctures
- Preserve maneuverability, even when weighed down with heavy welding cable



Multi-Terrain Running Gear

#300 913 Gas/LP, with inner tubes
#300 914 Gas/LP, with Never Flat™ tires

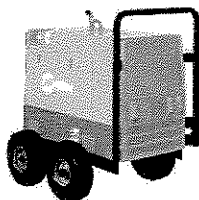
Includes two heavy-duty 15-inch tires, two 8-inch rubber swivel casters and a heavy-duty handle. Recommended for all surfaces and applications, and is easy to move around the jobsite.



Hose and LP Tank Mounting Assembly #300 917

LP
Designed for use with Multi-Terrain Running Gear, Protective Cage, or by itself. Includes bracket and clamp to mount 33- and 43-pound tanks horizontally, and hose with fittings to converter.

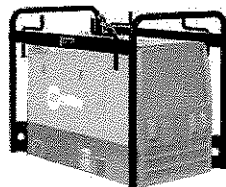
Note: Not for use with Gas Cylinder Mounting Assembly. Not recommended for use with Protective Cover.



Off-Road Running Gear

#300 909 Gas/LP, with inner tubes
#300 910 Gas/LP, with Never Flat™ tires

Includes four heavy-duty 15-inch tires and a rugged handle to provide maximum maneuverability.



Protective Cage with Cable Holders

#300 921 Gas/LP
Rugged cage with cable holders protects your investment. Can be

used with running gear, Gas Cylinder Mounting Assembly, LP Tank Mounting Assembly, or with trailer.

Protective Covers



#300 919 For Gas models **without** Protective Cage or Running Gear (shown)
#300 920 For Gas models **with** Protective Cage and/or Running Gear

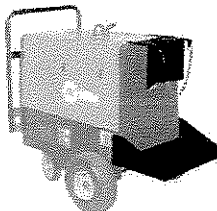
Heavy-duty, water-resistant and mildew-resistant covers protect and maintain the finish of the welder.



Off-Road Running Gear with Protective Cage and Never Flat™ Tires

#300 912 Gas/LP
Running gear and rugged cage with

cable holders protects your investment and is easy to move around the jobsite.



Gas Cylinder Mounting Assembly

#300 918 Gas
Designed for use with Multi-Terrain Running Gear, Protective Cage, or by itself. Includes base tray with bottle

bracket, vertical support rack and safety chain.

Note: Not for use with LP Tank Mounting Assembly. Not recommended for use with Protective Cover.

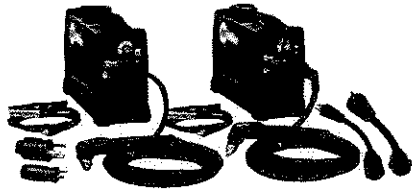
Genuine Miller Accessories (Continued)

Stick (SMAW) Welding

Weld Leads

- #173 851** 2/0, 350-amp, 100 percent duty cycle. 50-foot stinger and 50-foot work cable.
- #043 952** 2/0, 300-amp, 100 percent duty cycle. 100-foot stinger and 50-foot work cable.

Plasma Cutting



Spectrum 375 X-TREME and 625 X-TREME shown.

Spectrum® 375 X-TREME™ #907 529

See Lit. Index No. PC/9.2.

Spectrum® 625 X-TREME™ #907 579

See Lit. Index No. PC/9.6.

Spectrum® 875 #907 583

See Lit. Index No. PC/9.8.

The Spectrum 375 X-TREME and 625 X-TREME come complete with protective X-CASE™ (not shown).

Multiprocess Welding



Multimatic™ 200 #907 518

Portable, all-in-one multiprocess package weighs only 29 pounds (13.2 kg), and features excellent arc characteristics. Exclusive Multi-Voltage Plug (MVP™) provides flexibility to plug into 115- or 230-volt power. Take it anywhere you need to MIG, TIG or Stick weld. See Lit. Index No. DC/12.57.

MIG/Flux-Cored Welding



Millermatic 211 Auto-Set with MVP shown.

Millermatic® 140 Auto-Set™ #907 335

See Lit. Index No. DC/12.42

Millermatic® 180 Auto-Set™ #907 312

See Lit. Index No. DC/12.44

Millermatic® 211 Auto-Set™ with MVP™ #907 422

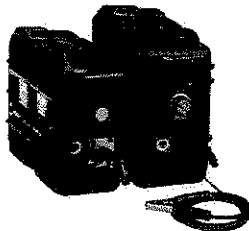
See Lit. Index No. DC/12.54

Millermatic® 212 Auto-Set™ #907 405

See Lit. Index No. DC/12.46

The Millermatic line of MIG welders are complete arc welding power source, wire feeder and gun packages designed for portability and ease of use.

Note: The Millermatic machines can be operated utilizing generator power.



SuitCase® X-TREME™ 8VS Wire Feeder

#951 583

SuitCase® X-TREME™ 12VS Wire Feeder

#951 543

Lightweight, voltage-sensing wire feeders include secondary contactor, MIG gun, gas valve and drive roll kit. See Lit. Index No. M/6.42.



Spoolmatic® 30A

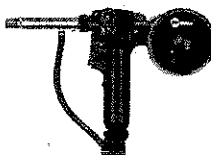
Spool Gun #130 831

Air-cooled, 200-amp, 1-pound spool gun for aluminum MIG. See Lit. Index No. M/1.73.

Requires WC-115A Control (#137 546-01-1).

WC-115A Control #137 546-01-1

With contactor. Use with Spoolmatic 30A.



Spoolmate® 3035

Spool Gun #195 016

Use with SGA 100C Control and Heavy-Duty Barrel. Spool gun for aluminum and

other wires. Four-inch spools; .023–.035 inch (0.6–0.9 mm) aluminum, steel and stainless steel. Rated at 150 amps, 60 percent duty cycle with 20-foot (6 m) cable assembly.

SGA 100C Control #043 857

SGA with contactor required to connect Spoolmate 3035 to CV engine drive. Includes 10-foot (3 m) 115 VAC power cable and plug, 6-foot (1.8 m) interconnecting cable, and 5-foot (1.5 m) gas hose.

Heavy-Duty Barrel for Spoolmate® 3035

#195 375

Use for demanding applications, rated at 200 A, 60 percent duty cycle.

TIG (GTAW) Welding



Dynasty® 200 Series

For premium portable AC/DC TIG arc quality. See Lit. Index No. AD/4.8.



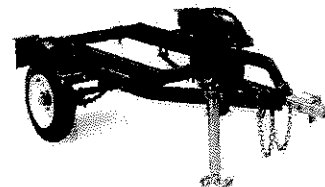
HF-251 Series #042 388

HF-251D-1, 115 VAC High-frequency arc starter and stabilizer. See Lit. Index No. AY/5.0. Requires Secondary Contactor.

Secondary Contactor #041 969 Field

Required to use HF-251D-1.

Trailers and Hitches



HWY-1000 Trailer #195 013

A 1000-pound (454 kg) capacity highway trailer with welded steel tubing frame, heavy-duty axle with roller bearing hubs and leaf-spring suspension. The HWY-1000 comes with jack stand, 2-inch (50 mm) ball hitch, fenders and lights.

Note: Trailer is shipped unassembled.

Cable Tree #195 023

Provides an area to conveniently wrap weld cables and extension cords on the HWY-1000 trailer.



Dual Hitch #300 831

2-inch (50 mm) ball hitch and 3-inch (76 mm) lunette eye in one reversible assembly.

Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
Bobcat™ 225	#907 498-001 #907 498	Base model with Kohler engine Kohler engine, with GFCI Receptacles		
Bobcat™ 250	#907 500-001 #907 500 #907 500-002	Base model with Kohler engine Kohler engine, with GFCI Receptacles Kohler engine, with Electric Fuel Pump		
Bobcat™ 250 EFI	#907 502	Base model with Kohler engine		
Bobcat™ 250 LP	#907 504	Kohler engine, with GFCI Receptacles		
Field Options <i>Options listed below can be added to the above packages. Installation is required.</i>				
GFCI Receptacles	#300 975			
Electric Fuel Pump	#300 976	For gas models at high altitudes		
Spark Arrestor	#300 924			
Remote Oil Drain and Filter Kit	#300 923	Front mount for Kohler		
Adapter Cord, Full KVA	#300 517			
Full KVA Plug Kit	#119 172			
Engine Tune-Up Kits		See page 6. <i>Order from Miller Service Parts</i>		
Accessories				
Off-Road Running Gear	#300 909 #300 910	Gas/LP models, with inner tubes Gas/LP models, with Never Flat™ tires		
Off-Road Running Gear with Protective Cage	#300 912	Gas/LP models, with Never Flat™ tires.		
Multi-Terrain Running Gear	#300 913 #300 914	Gas/LP models, with inner tubes Gas/LP models, with Never Flat™ tires		
Protective Cage w/Cable Holders	#300 921	Gas/LP models		
Gas Cylinder Mounting Assembly	#300 918	Gas models. <i>Not for use with LP Tank Mounting Assembly.</i> <i>Not recommended for use with protective cover</i>		
Hose and LP Tank Mounting Assembly	#300 917	LP models. <i>Not for use with Gas Cylinder Mounting Assembly.</i> <i>Not recommended for use with protective cover</i>		
Protective Covers		See page 6		
Stick Weld Leads		See page 7		
Spectrum® Plasma Cutters		See page 7		
Multimatic™ 200 Welder	#907 518	All-in-one MIG, TIG and Stick welding. See Lit. Index No. DC/12.57		
Millermatic® Series MIG Welders		See page 7		
SuitCase® X-TREME Wire Feeders		See page 7		
Spoolmatic® 30A Spool Gun	#130 831	Requires WC-115A Control. See Lit. Index No. M/1.73		
WC-115A Control	#137 546-01-1	See Lit. Index No. M/1.73		
Spoolmate™ 3035 Spool Gun	#195 016	See Lit. Index No. M/1.5		
SGA 100C Control	#043 857	See Lit. Index No. M/1.5		
Heavy-Duty Barrel for Spoolmate 3035	#195 375	See Lit. Index No. M/1.5		
Dynasty® 200 Series TIG Welders		See Lit. Index No. AD/4.8		
HF-251D-1	#042 388	115 VAC. Requires Secondary Contactor		
Secondary Contactor	#041 969			
HWY-1000 Trailer	#195 013			
Cable Tree	#195 023			
Dual Hitch	#300 831			

Date:

Total Quoted Price:

Distributed by:



5327 Tex-Con Drive
San Antonio TX, 78220

Item #6

Date: 01/18/2016
Quote Number: S-JG1163
Expiration Date: 02/18/2016

Customer

CITY OF SAN ANTONIO (Acct: 1004974)
131 W. Nueva (City Hall Annex)
San Antonio TX, 78204

Cust. Contact: IFB 6100006993

Sales Representative: Joseph Gambrel

Cell: (210) 336-8165

Model	Description	Price
2016 JLG - X700AJ Electric	Compact Crawler Boom Lift	\$179,470.00
	Trailer - Not Included	
	Platform Height - 69' 7"	
	Working Height - 75'	
	Platform Capacity - 440lb	
	Width - 39"	
	Stowed Length - 19'8"	
	Stowed Height - 6'6.5"	
	Weight - 7,050lb	
	Total:	\$179,470.00

Notes

This quotation reflects present prices, but is subject to adjustment based on manufacturer's price increases and availability. Whether or not specifically set forth, this quotation is subject to any applicable federal, state, and local taxes and freight charges. This quotation is subject to any and all manufacturer's warranties respectively applicable to new equipment and is subject to the limitations and conditions of those warranties. No other warranties are implied or offered by H&E Equipment Services, Inc. unless specifically outlined on the face of this quotation. This quotation is subject to change without notice. This quotation is an invitation to offer and not binding until acceptance by H&E Equipment Services, Inc.'s Branch Manager. Unless otherwise stated, quotation expires on the Expiration Date listed on this quote and may be modified or withdrawn by H&E prior to acceptance.

For sale of rental fleet, Buyer is hereby notified that H&E has assigned its rights (but not its obligations) in this agreement to sell the equipment described herein to H&E Equipment Exchange LLC, a qualified intermediary, as part of a Section 1031 exchange.

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H&E Branch Manager Acceptance:

Customer Acceptance of this proposal:

Signed:

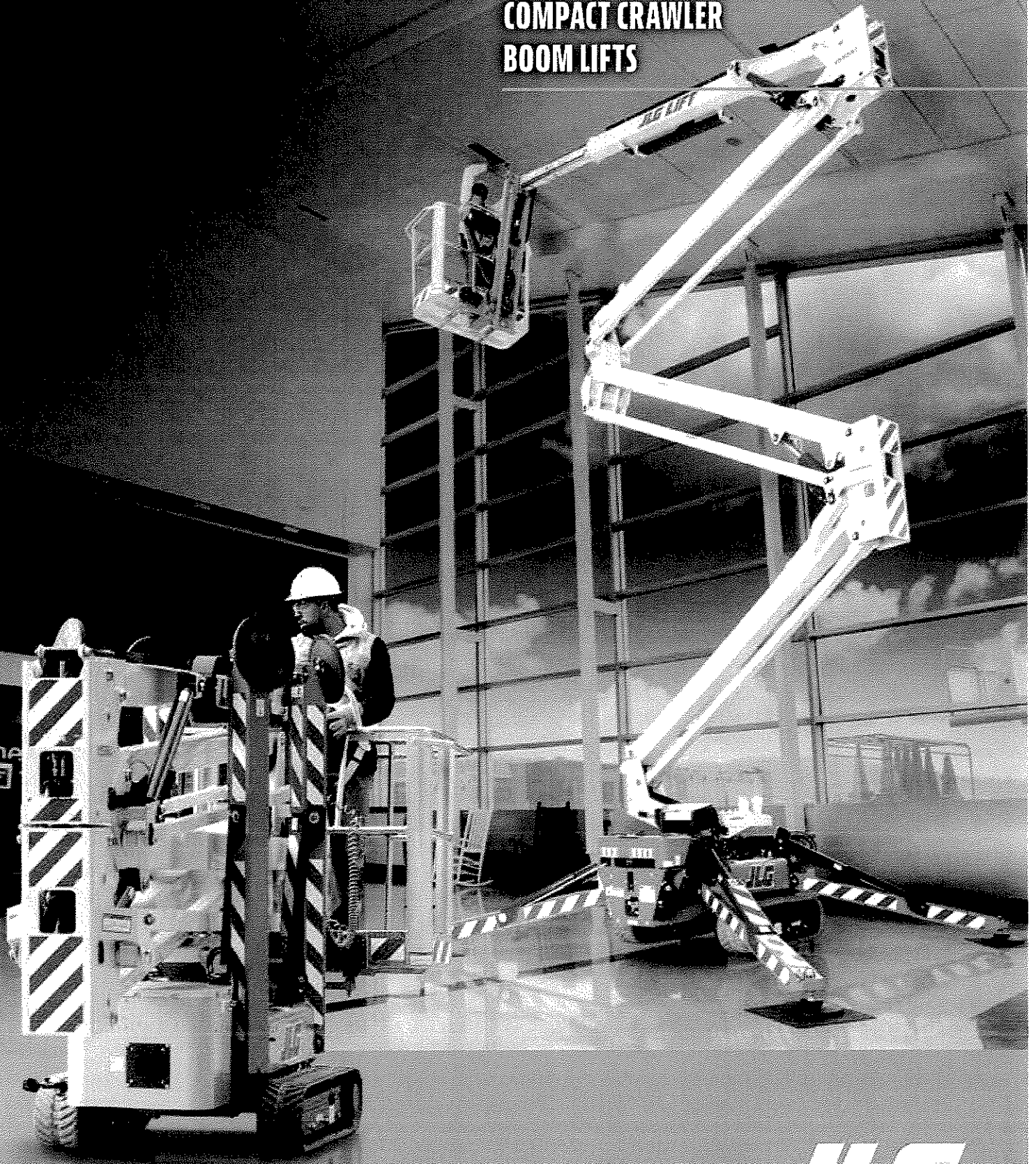
Signed:

Date:

Date:

Purchase Order:

**COMPACT CRAWLER
BOOM LIFTS**



JLG
reachingout.

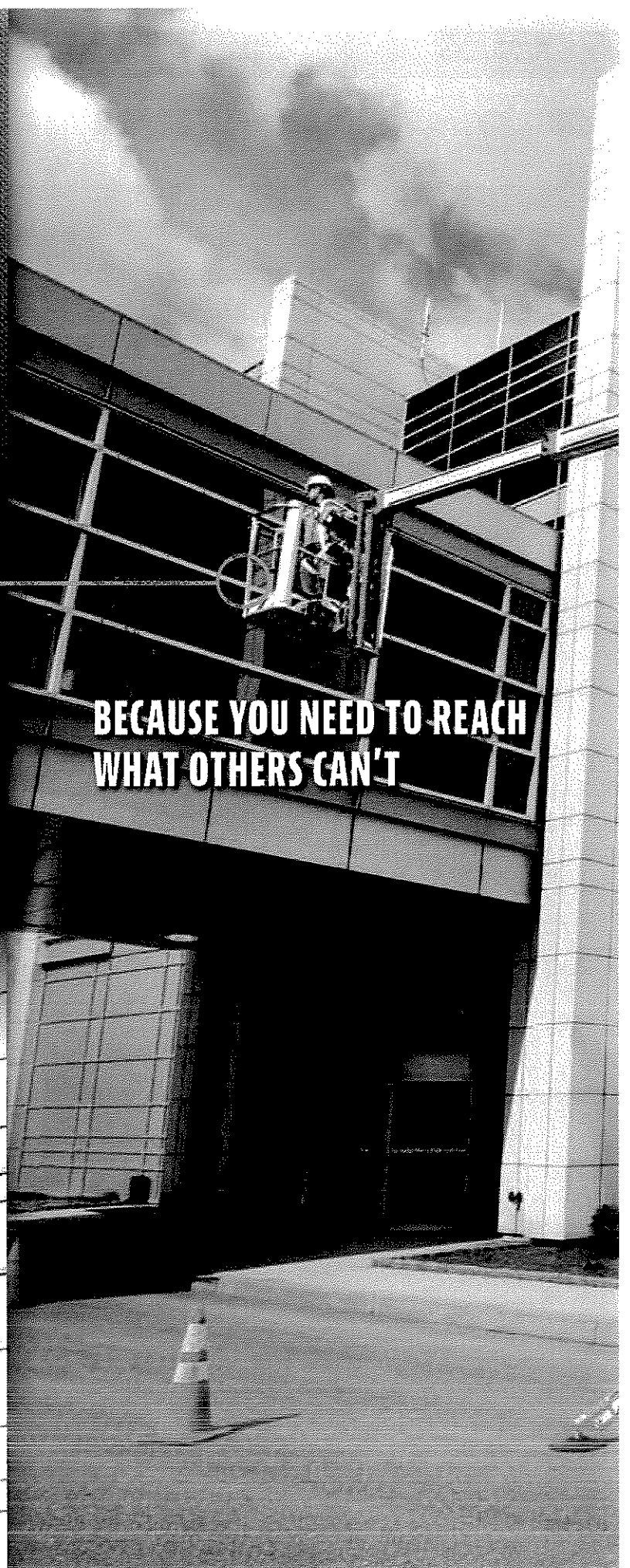
COMPACT CRAWLER BOOMS
REACHING OUT

Now you can go more places around the job site thanks to the low weight and non-marking tracks on the Compact Crawler boom. Available in five models with working heights ranging from 45 ft to 76 ft, JLG® Compact Crawler boom lifts feature a tracked wheel carriage that climbs steps and a narrow chassis for access through doorways, gates and yards.

VERSATILE AND PRACTICAL

"Jobs that used to require tricky positioning are much easier to access now."

**BECAUSE YOU NEED TO REACH
WHAT OTHERS CAN'T**



X700AJ

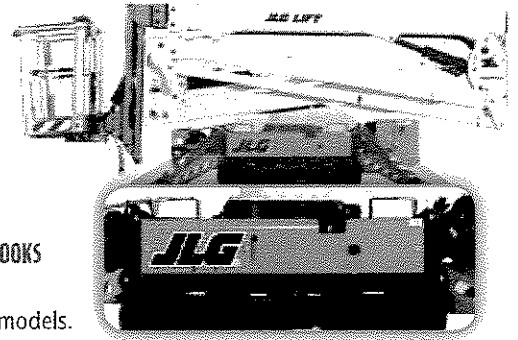


ALL OF YOUR OVERHEAD TASKS WITHIN REACH

Whether you're working indoors or outside, the Compact Crawler boom has your job covered. With enhanced maneuverability and better access, you've got the ability to go more places thanks to its low profile, non-marking tracks and compact dimensions. The compact crawler is easy to operate with one-touch outrigger leveling, an interactive display in the platform and controls. And because the compact crawler is so lightweight, it can be set up on sensitive flooring and landscaping.

Additionally, these machines are environmentally friendly with an optional Lithium-ion battery for cleaner, greener operation. And the dual power onboard—gas or electric power, accompanied by an electric AC motor—are standard to reduce noise and emissions in public spaces. Other features include an articulating jib for greater reach, rotation of platform* and zero-turn radius with counter rotation.

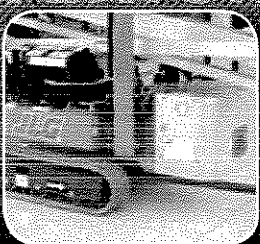
*Not available on X390AJ.



FORK POCKETS AND LIFT HOOKS

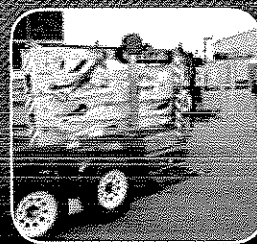
Are standard on new X500AJ and X600AJ models.

"While indoors, I can quietly operate at full speed thanks to the Lithium-ion battery. Plus, I can easily fit through narrow doorways."



Optional Quick-Start Lithium-Ion Battery

Produces zero emissions and quiet operation.

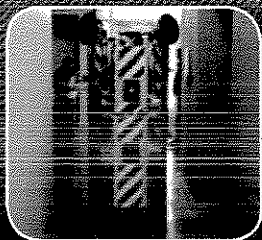


Ease of Transport

Fits on a trailer or tilt-back truck (low weight, good gradeability, compact).

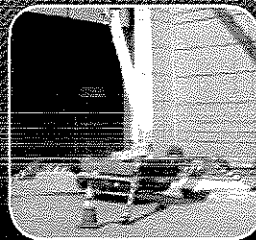
Compact Crawler Booms
BOOM LIFTS

X600AJ



Greater Access

Compact dimensions for getting into hard-to-reach areas.



Self-Leveling

One-touch outrigger leveling.



PUTTING YOUR WORK ABOVE EVERYTHING

When it comes to JLG® Ground Support, it's all about you. Your productivity. Your profitability. Your uptime. From the purchase of your first piece of equipment straight through to the training, parts and maintenance that follows.



■ Customer Service Call Center

You can be assured we'll be giving an all-out effort to support you. Just think of us as your personal on-call, full-service support team. We make it happen. Period.

■ Financial Solutions

Maximizing your profits. Preserving your cash flow. Let our financing specialists help choose the program designed specifically for your needs.

■ Aftermarket Parts

Keep your equipment running at peak performance with genuine replacement parts, accessories, attachments, rebuilt and competitive parts all from one source — JLG.

■ Training

Knowing your equipment inside and out results in higher productivity on the job. Our instructor-led courses give you the hands-on time you need to successfully operate equipment.

■ Service Centers

Your needs. Your uptime. JLG is on the job to fulfill your every need, from repair, reconditioning, same-day parts and much more. We're here to support you.

■ Pre-Owned Equipment

As a high-value alternative to purchasing new equipment, you can search our used equipment inventory of pre-owned JLG and competitor products.

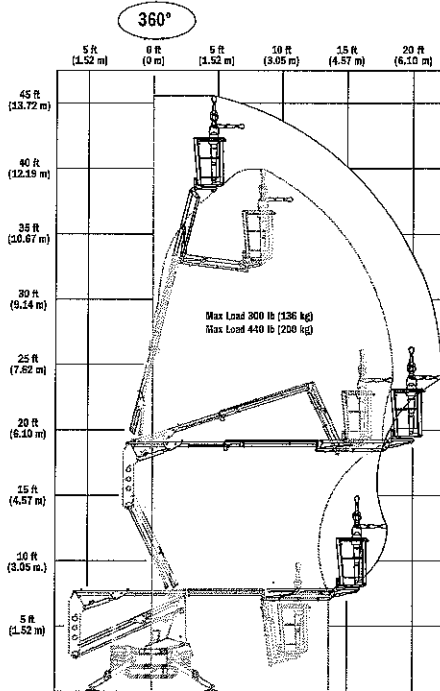
Compact Crawler Booms SPECIFICATIONS

	X390AJ	X500AJ	X550AJ	X600AJ	X700AJ
Platform Height	39' 2" (11.9 m)	49' (14.95 m)	55' (16.76 m)	59' 3" (18.05 m)	69' 7" (21.20 m)
Working Height	45' (13.71 m)	56' (17.06 m)	61' (18.59 m)	66' (20.11 m)	76' (23.16 m)
Horizontal Outreach	22' (6.70 m)	23' (7.00 m)	21' (6.40 m)	30' (9.1 m)	37' (11.27 m)
Swing	360° Non-continuous	360° Non-continuous	360° Non-continuous	360° Non-continuous	360° Non-continuous
Platform Capacity Restricted	440 lb (200 kg)	500 lb (227 kg)	440 lb (200 kg)	500 lb (227 kg)	440 lb (200 kg)
Platform Capacity Unrestricted	300 lb (136 kg)	500 lb (227 kg)	300 lb (136 kg)	500 lb (227 kg)	300 lb (136 kg)
Platform Rotation	N/A	124° (+/- 62°)	124° (+/- 62°)	124° (+/- 62°)	124° (+/- 62°)
Jib (Range of Articulation)	88° (-2/-90)	89° (0/-89)	82.7° (0/-82.7)	89° (0/-89)	85° (-1/-86)
Platform Size Standard Two person Optional Single person	58" x 30" (1.47 x 0.76 m) 31" x 24" (0.78 x 0.61 m)	58" x 30" (1.47 x 0.76 m) 31" x 24" (0.78 x 0.61 m)	58" x 30" (1.47 x 0.76 m) 31" x 24" (0.78 x 0.61 m)	58" x 30" (1.47 x 0.76 m) 31" x 24" (0.78 x 0.61 m)	58" x 30" (1.47 x 0.76 m) 31" x 24" (0.78 x 0.61 m)
Overall Width	31" (0.78 m)	31" (0.78 m)	31" (0.78 m)	31" (0.78 m)	39" (0.99 m)
Stowed Height With Pads Pads Detached	6' 11" (2.10 m) 6' 10" (2.07 m)	6' 6.5" (2.00 m) 6' 6.5" (2.00 m)	7' (2.13 m) 6' 6.5" (1.98 m)	6' 6.5" (2.00 m) 6' 6.5" (2.00 m)	6' 6.5" (1.99 m) 6' 6.5" (1.99 m)
Outrigger Footprint Narrow	11' x 10' 10" (3.35 m x 3.30 m) N/A	10' 5" x 10' 5" (3.17 x 3.17 m) N/A	11' 2" x 11' (3.40 m x 3.35 m) N/A	10' 7" x 10' 7" (3.22 x 3.22 m) N/A	15' 5" x 15' (4.69 m x 4.57 m) 9' 1" x 20' 4" (2.78 m x 6.19 m)
Stowed Length Without Basket	13' (3.98 m) 11' 8" (3.56 m)	14' 10" (4.53 m) 13' 8" (4.16 m)	14' 8" (4.47 m) 13' 6" (4.11 m)	16' 5" (5.01 m) 15' 3" (4.65 m)	19' 8" (6.00 m) 18' 6" (5.64 m)
Track Length	4' 1" (1.24 m)	4' 1" (1.24 m)	4' 1" (1.24 m)	4' 10" (1.47 m)	5' 9" (1.77 m)
Weight*	3,814 lb (1,730 kg)	5,071 lb (2,300 kg)	4,718 lb (2,140 kg)	6,571 lb (2,980 kg)	7,050 lb (3,198 kg)
Ground Bearing Pressure Outriggers Tracks	24.65 psi (1.73 kg/cm ²) 6.24 psi (0.44 kg/cm ²)	35.53 psi (2.49 kg/cm ²) 9.72 psi (0.68 kg/cm ²)	27.26 psi (1.92 kg/cm ²) 9.14 psi (.64 kg/cm ²)	44.09 psi (3.09 kg/cm ²) 9.28 psi (0.65 kg/cm ²)	43.07 psi (3.3 kg/cm ²) 7.10 psi (.49 kg/cm ²)
Drive Speed	.87 mph (1.4 km/h)	0.99 mph (1.6 km/h)	.80 mph (1.3 km/h)	0.99 mph (1.6 km/h)	.80 mph (1.3 km/h)
Gradeability	36%	36%	38%	36%	40%
Slope Tolerance	10°	12°	11°	15°	14°
Gasoline Engine	Honda GX270 9 hp (6.7 kW)	Honda iGX440 15 hp (11.1 kW)	Honda iGX440 15 hp (11.1 kW)	Honda iGX440 15 hp (11.1 kW)	Honda iGX440 15 hp (11.1 kW)
Electric Engine	100Ah 48V Lithium-Ion	100Ah 48V Lithium-Ion	100Ah 48V Lithium-Ion	100Ah 72V Lithium-Ion	100Ah 72V Lithium-Ion
Fuel Tank Capacity (Gasoline)	1.4 gal. (5.3 L)	1.5 gal. (5.9 L)	1.5 gal. (5.9 L)	1.5 gal. (5.9 L)	1.5 gal. (5.9 L)
AC Motor**	120V 60 Hz (1.2 kW)	120V 60 Hz (1.2 kW)	120V 60 Hz (1.2 kW)	120V 60 Hz (1.2 kW)	120V 60 Hz (1.2 kW)

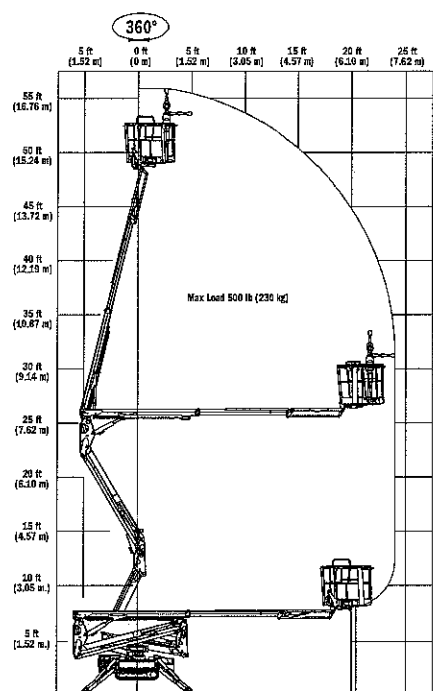
*Certain options of country standards increase weight.

**Country specific options available.

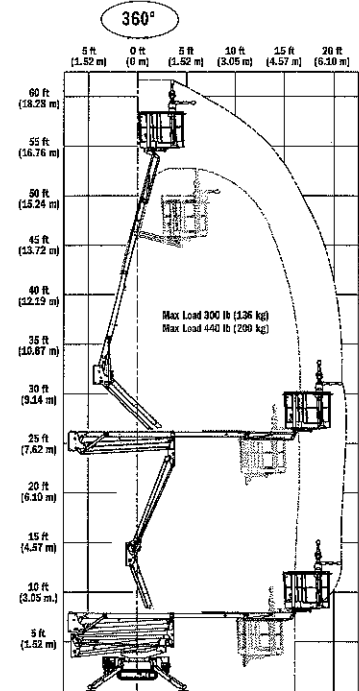
X390AJ



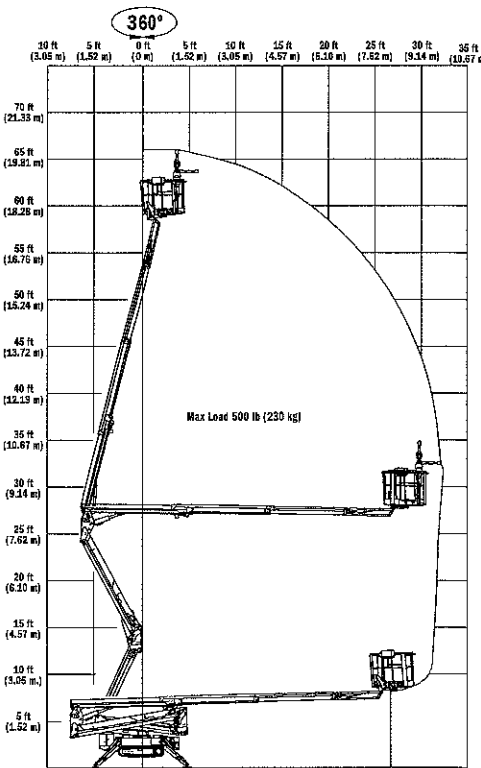
X500AJ



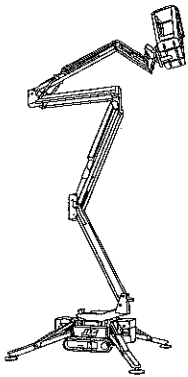
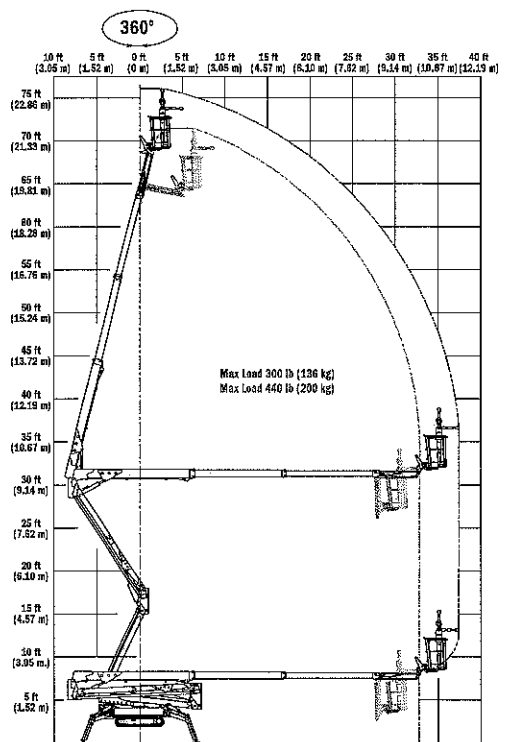
X550AJ



X600AJ



X700AJ



Main Features

- Optional Lithium-ion technology.
- One-touch outrigger leveling.
- 110V-AC receptacle in platform.
- Dual power onboard.
- Standard air/water line.
- Patented quick connect platform.
- Large Teflon outrigger pads.
- LCD panel provides onboard diagnostics.

JLG Industries, Inc.

1 JLG Drive
 McConnellsburg, PA 17233-9533
 Telephone 717-485-5161
 Toll-free in US 877-JLG-LIFT
 Fax 717-485-6417
www.jlg.com

An Oshkosh Corporation Company

Form No.: CCB-Bro-0613
 Part No.: 3131582
 R11407
 Printed in USA



5327 Tex-Con Drive
San Antonio TX, 78220

Date: 01/20/2016
Quote Number: S-JG1164
Expiration Date: 02/20/2016

Item #7

Customer

CITY OF SAN ANTONIO (Acct: 1004974)
131 W. Nueva (City Hall Annex)
San Antonio TX, 78204

Cust. Contact: IFB 6100006993

Sales Representative: Joseph Gambrel

Cell: (210) 336-8165

Model	Description	Price
2016 GENIE - GS2632	26 FT ELECTRIC SCISSORLIFT	\$15,425.00
	Engine Type - ELECTRIC	
	Platform Height - 26 FT	
	Platform Length - 7.5 FT	
	Platform Width - 2.8 IN	
	Rail Type - FOLDING	
	Safety - Dual Flashing Beacon	
	Tires - NON-MARKING	
	Other - All Motion Alarm	
Total:		\$15,425.00

Notes

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Any quoted interest rates and payment are subject to availability and credit approval. Payment Amounts do not include applicable taxes or fees.

H&E Branch Manager Acceptance:

Customer Acceptance of this proposal:

Signed: _____

Signed: _____

Date: _____

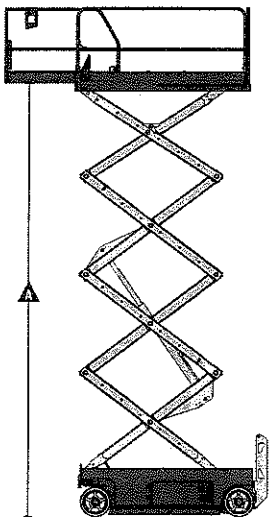
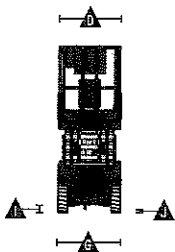
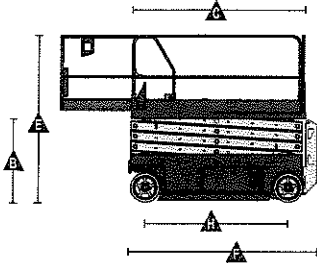
Date: _____

Purchase Order: _____

Self-Propelled Scissor Lifts

GS™ -2032, GS-2632 & GS-3232

Specifications



Models	GS-2032		GS-2632		GS-3232	
Measurements	US	Metric	US	Metric	US	Metric
Working height maximum*	26 ft	8.10 m	32 ft	9.92 m	38 ft	11.75 m
▲ Platform height maximum	20 ft	6.10 m	26 ft	7.92 m	32 ft	9.75 m
▲ Platform height stowed	3 ft 4.5 in	1.03 m	3 ft 9.5 in	1.16 m	4 ft 2.75 in	1.29 m
▲ Platform length - outside	7 ft 5 in	2.26 m	7 ft 5 in	2.26 m	7 ft 5 in	2.26 m
▲ Platform length - extended	10 ft 5 in	3.18 m	10 ft 5 in	3.18 m	10 ft 5 in	3.18 m
Slide-out platform extension deck	3 ft	0.91 m	3 ft	0.91 m	3 ft	0.91 m
▲ Platform width - outside	2 ft 8 in	0.81 m	2 ft 8 in	0.81 m	2 ft 8 in	0.81 m
Guardrail height: fixed rails	3 ft 3 in	0.99 m				
fold down rails (CE)	3 ft 7 in	1.10 m	3 ft 7 in	1.10 m	3 ft 7 in	1.10 m
Toeboard height	6 in	0.15 m	6 in	0.15 m	6 in	0.15 m
▲ Height - stowed						
fixed rails	6 ft 8 in	2.03 m				
folding guardrails (CE)	7 ft	2.13 m	7 ft 5 in	2.26 m	8 ft	2.43 m
rails folded	5 ft 9 in	1.75 m	6 ft 3 in	1.91 m	6 ft 8 in	2.03 m
▲ Length - stowed	8 ft	2.44 m	8 ft	2.44 m	8 ft	2.43 m
Length - extended	10 ft 11 in	3.33 m	10 ft 11 in	3.33 m	10 ft 11 in	3.33 m
▲ Width	2 ft 8 in	0.81 m	2 ft 8 in	0.81 m	2 ft 8 in	0.81 m
▲ Wheelbase	6 ft 1 in	1.85 m	6 ft 1 in	1.85 m	6 ft 1 in	1.85 m
▲ Ground clearance - center	3.76 in	95 mm	3.76 in	95 mm	3.76 in	95 mm
▲ - with pothole guards deployed	0.75 in	0.02 m	0.75 in	0.02 m	0.75 in	0.02 m

Productivity

Maximum platform occupancy**	2	2	2	2	2	2
Lift capacity	800 lbs	363 kg	500 lbs	227 kg	500 lbs	227 kg
Extension deck capacity	250 lbs	113 kg	250 lbs	113 kg	250 lbs	113 kg
Drive height	full height		full height		22 ft	6.71 m
Drive speed - stowed	2.2 mph	3.5 km/h	2.2 mph	3.5 km/h	2.2 mph	3.5 km/h
Drive speed - raised	0.5 mph	0.8 km/h	0.5 mph	0.8 km/h	0.5 mph	0.8 km/h
Gradeability - stowed***	30%		25%		25%	
Maximum outrigger leveling:						
front to back					3°	
Maximum outrigger leveling:						
side to side					5°	
Turning radius - inside	zero	zero	zero	zero	zero	zero
Turning radius - outside	7 ft	2.13 m	7 ft	2.13 m	7 ft	2.13 m
Raise / lower speed	30 / 34 sec	30 / 34 sec	30 / 40 sec	30 / 40 sec	57 / 40 sec	57 / 40 sec
Controls proportional	proportional		proportional			
Drive	dual front wheel		dual front wheel		dual front wheel	
Multiple disc brakes	dual rear wheel		dual rear wheel		dual rear wheel	
Tires - solid non-marking	15x5x11 in	38x13x28 cm	15x5x11 in	38x13x28 cm	15x5x11 in	38x13x28 cm

Power

Power source	24 V DC (four 6V 225 Ah batteries)		24 V DC (four 6V 225 Ah batteries)		24 V DC (four 6V 225 Ah batteries)	
Hydraulic system capacity	3.75 gal	14.2 L	3.75 gal	14.2 L	3.75 gal	14.2 L

Weight****

ANSI, CSA	3,574 lbs	1,621 kg	4,413 lbs	2,002 kg	5,185 lbs	2,352 kg
CE, AUS	4,024 lbs	1,825 kg	4,313 lbs	1,956 kg	5,185 lbs	2,352 kg

Standards Compliance ANSI A92.6, CSA B354.2, CE Compliance, AS 1418.10

* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.
 ** CE/AUS markets: GS-2632 and GS-3232 indoor use only. GS-2032 outdoor use-one person maximum occupancy.
 *** Gradeability applies to driving on slopes. See operator's manual for details regarding slope ratings.
 **** Weight will vary depending on options and/or country standards.



Self-Propelled Scissor Lifts

GS™-2032, GS-2632 & GS-3232

Features

Standard Features

Measurements

GS-2032

- 26 ft (8.10 m) working height
- Up to 800 lbs (363 kg) lift capacity

GS-2632

- 32 ft (9.92 m) working height
- Up to 500 lbs (227 kg) lift capacity

GS-3232

- 38 ft (11.75 m) working height
- Up to 500 lbs (227 kg) lift capacity

Productivity

- 89 x 32 in (2.26 x .81 m) steel platform
- 36 in (.91 m) extension deck
- Fixed rail with chain entry gate (standard GS™-2032)
- Folding rails with half-height swing gate (standard on all CE, GS™-2632, GS™-3232)
- Automatic leveling outriggers (GS™-3232 only)
- Dual front wheel drive
- Universal 20 amp smart charger
- Rear recessed charger receptacle
- SmartLink™ - proportional lift and drive
- Platform control with battery charge indicator and diagnostic display
- On-board diagnostic system
- AC power to platform
- Lanyard attachment points
- Manual platform lowering valve
- Emergency stop at both platform and ground controls
- Rear wheel multiple disc brakes
- Front wheel hydraulic dynamic braking
- Brake release
- Swing-out component trays
- Solid non-marking tires
- Pothole guards
- Tilt level sensor with audible alarm
- Descent alarm
- Electronic horn
- Hour meter

Power

- 24 V DC (four 6 V 225 Ah batteries)

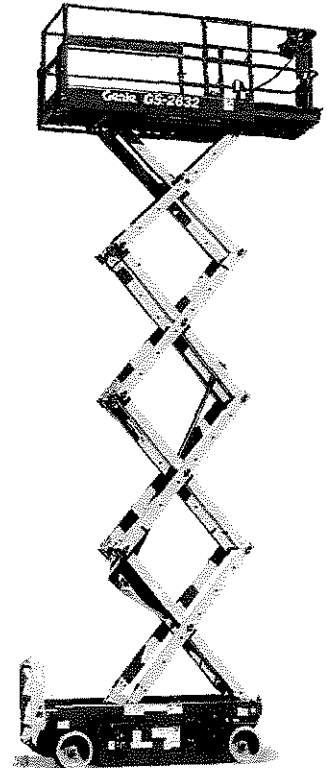
Options & Accessories

Productivity Options

- Folding rails with half-height swing gate (GS™-2032)
- Platform swing gate, half-height (GS™-2032)
- Air line to platform
- Dual flashing beacons
- Motion alarm
- Automotive horn
- Biodegradable hydraulic fluid

Power Options

- Power Inverter (120 V/60 Hz)
- EE rating
- AGM maintenance-free batteries



Genie United States

18340 NE 76th Street
P.O. Box 97030
Redmond, Washington 98073-9730
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Toll Free in USA/Canada +1 (800)-536-1800
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