

December 30, 2011

INVITATION TO BID 12-07

Sealed bids for a crawler tractor dozer will be received by the Purchasing Agent, P-100 First Floor City Hall, Birmingham, Alabama, until 2:00 p.m., January 31, 2012, at which time and place they will be publicly opened and read.

Bidder's wishing to bid can download the complete solicitation including the specifications and bid form via the internet at www.birminghamal.gov (go to the link titled **Bidding Opportunities**), or by visiting the Purchasing Office at the address shown above, or by calling (205) 254-2265, fax (205) 254-2484 and requesting a copy be mailed to you. Any addenda will be available on the internet, and mailed to only those vendors who were provided a copy in person or by mail.

Bids are to be submitted on the bid form provided, and all bids are to be f.o.b. Birmingham, AL delivered.

It is required for any contract exceeding \$10,000.00 that the bidder submits with his bid either a certified check, a cashier's check, or a bid bond payable to the City of Birmingham in the amount of \$2,000.00. In order for any bid award to be considered that exceeds \$10,000.00, it must be accompanied by an acceptable bid bond or check. Bid bond checks will be returned to all unsuccessful bidders after the formal award is made and to the successful bidder after acceptance of award. Should the successful bidder fail to accept the award, the bid bond or check shall be forfeited.

The City follows a policy of nondiscrimination. No contractor with the City should discriminate on the basis of race, sex, religion, or national origin. Failure by the vendor to carry out these requirements is a material breach of its obligations, which may result in its termination or such other remedy as the City deems appropriate.

No bid may be withdrawn for a period of sixty (60) days after the date of the bid opening.

The City reserves the right to reject any or all bids submitted or part of any bid, and to waive any informalities.

Bids must be submitted in a sealed envelope marked, "**SEALED BID – CRAWLER TRACTOR DOZER – 2:00 P.M., 1/31/12.**" Bids may be hand delivered to Room P-100 1st Floor City Hall, Birmingham, Alabama, or mailed to City of Birmingham, P. O. Box 11295, Birmingham, Alabama 35202-1295. (**DO NOT MAIL BID TO ROOM P-100 1ST FLOOR CITY HALL**). However bids sent by any express carrier (Federal Express, UPS, Airborne, etc.) must be mailed to 710 North 20th Street and specify delivery to Room P-100, First Floor City Hall.

It is the bidder's responsibility to make sure that his bid is in the possession of the Purchasing Agent on or before 2:00 p.m., January 31, 2012. Bids received after this time will not be considered.

W. E. Caffee, Asst. Purchasing Agent

SPECIFICATIONS FOR CRAWLER TRACTOR DOZER

GENERAL:

The City of Birmingham plans to purchase the equipment specified in this document in the quantities indicated. The City only has a certain amount of funds available; therefore the exact number of each specific vehicle is subject to change (increase or decrease) for each vehicle.

The City reserves the right to make additional purchases of the vehicles at the bid price at a later date if mutually agreeable to both the City and the successful bidder.

The award of any item specified with options will be made based on the base bid, alternate bid price, or any combination thereof. Bidder is to provide the unit price of optional features as indicated on the bid form. Failure to provide the unit pricing of optional features, where the features are available from the manufacturer bid, may result in your bid being declared non-responsive and not considered for award. Pricing of optional features, if selected at the time of award, will be used in calculating the low bid, and will be a factor in determining the successful low bidder.

Items will be awarded on an individual line item basis. All items are to be new and unused. Grand total of the bid will be the total of the extended totals for the base bid item.

The City's standard payment terms are net 30 days from acceptance. Exception may be allowed for discounted early payment, such as 2% 10, Net 30 Days. The City will not consider any bids requiring C.O.D. payments, complete or partial down payments, or progress payments.

Successful bidder shall not assign this contract to any other party without prior written approval of the City of Birmingham. Contract shall not be assigned under any condition to an unsuccessful bidder who was rejected because they were not a responsive/responsible bidder.

The City of Birmingham does not anticipate utilization of a long, formal written contract document to bind the City and the successful bidder to an agreement. The City will issue purchase orders to the successful bidder as equipment is required. The successful bidder(s) acknowledge by acceptance of City purchase orders for award items that the bidder is bound to the terms, conditions and requirements as stated within this document.

Contract award to purchase the materials covered in this bid shall be construed under and governed by the laws of the State of Alabama and each party hereto irrevocably agrees to be subject to the jurisdictions of the courts of the State of Alabama.

Each bidder is to extend unit prices and provide an extended total for each line item being bid. If the extended total of all items being bid exceeds \$10,000.00, a bid bond, a cashier's check, or certified check in the amount of \$2,000.00 is required to accompany your bid. In order for any bid award to be made that exceeds \$10,000.00 your bid must have been accompanied by an acceptable bid bond or check. Bid bond checks will be returned to all unsuccessful bidders after the formal award is made and to the successful bidder after acceptance of award. Should the successful bidder fail to accept the award, the bid bond or check shall be forfeited.

TIME IS OF THE ESSENCE

The funding for the purchase of this equipment will be based on a lease/purchase agreement with a third party. Therefore, it is extremely critical to have the items delivered in a timely manner.

Any bid submitted must be accompanied by catalogues, brochures, or specification sheets that will adequately demonstrate the equipment being bid meets or exceeds the stated specifications.

SPECIFICATIONS FOR CRAWLER TRACTOR DOZER

Any questions concerning these specifications should be addressed to the Purchasing Division, Phone: (205) 254-2265 – Fax: (205) 254-2484 Monday through Friday, between the hours of 8:00 a.m. and 4:00 p.m.

Bidder (and its employees, agents and any subcontractors) shall not discriminate on the basis of race, color, national origin, or sex in the performance of the services contemplated hereunder. Failure by the bidder to carry out these requirements is a material breach of its obligations, which may result in its termination or such other remedy as the City deems appropriate.

Bidder acknowledges and agrees that, consistent with federal law and City's public policy, it will encourage disadvantaged business enterprise (DBE) participation to the extent permitted by law. A "disadvantaged business enterprise" is a for-profit small business concern (i) at least 51% owned by one or more individuals who are both socially and economically disadvantaged or, in the case of a corporation, in which 51% of the stock is owned by one or more such individuals; and (ii) whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged individuals who own it. In accordance with federal law, a "socially and economically disadvantaged individual" includes African-Americans, Hispanic Americans, Native Americans, Asian-Americans, women, and any additional groups designated as socially and economically disadvantaged by the federal Small Business Administration.

Successful bidder acknowledges and agrees that the City has the right to deduct from total amount of consideration to be paid, if any, to the successful bidder under this agreement all unpaid, delinquent, or overdue license fees, taxes, fines, penalties and other amounts due the City from the successful bidder.

Any potential vendor who is not currently set up as a vendor in the City of Birmingham vendor file will be required to submit a completed W-9 tax form prior to any award. The W-9 tax form may be submitted with your bid or no later than seven (7) working days of receipt of notice of intent to award.

The City of Birmingham must have a copy of the successful bidder's current City of Birmingham business license prior to formal award of contract. Each bidder may submit a copy of his/her license along with his/her bid. However, bidder must provide a copy of his/her current business license no later than seven (7) working days of receipt of notice of intent to award. Failure to submit the requested information will result in the notice of intent to award being revoked.

As a result of the Alabama Legislature's passage of a sweeping immigration law (the Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535), the successful bidder(s) will be required to submit to the City of Birmingham documentation addressing U.S. Citizenship and/or lawful presence of an alien for the entity and/or employees of the entity submitting the bid prior to award of any bid or contract and as dictated, thereafter, by the law. The City will provide the required documents to the apparent successful bidder with the notice of intent to award.

SPECIFICATIONS

APPROXIMATELY ONE (1) CRAWLER TRACTOR DOZER

FOR

CITY OF BIRMINGHAM, ALABAMA

Vendor to supply two copies maintenance, operating, wiring, and parts manuals for the Dozer.

The better of the manufacturer or a one year warranty period will begin with the effective equipment in-service date, which may or may not be equal to the equipment delivery date, but will in no case be later than six months after equipment has been delivered

Equipment recall notices should be mailed directly to Bob Rainey, Director, Equipment Management, 515 6th Avenue South, Birmingham, AL 35205.

All participating bidders shall mark conspicuously - compliance or non-compliance with an "X" in the appropriate column beside each specified item. Those items marked in the "NO" column must be explained in detail on the provided "Exceptions To Specifications" pages.

Questions should be addressed to Mr. Bob Rainey, Director, Equipment Management, c/o Ron Nickel, Purchasing Agent, 710 North 20th Street, Birmingham, AL 35203.

GENERAL: The intent of the following Crawler Tractor specification is to describe the minimum acceptable unit to the City. Where a unit exceeds the minimum specification, please note and also offer a short statement of how this excess above minimum will benefit the City operations. This statement may or may not be used in any evaluation or award decision.

All equipment listed as standard in publicly offered brochures and publications will be furnished on the delivered unit, even though it may not be specifically written within this specification.

The successful bidder shall have an established part and service facility in Jefferson County or any county contiguous to Jefferson County.

APPROXIMATELY ONE (1) CRAWLER TRACTOR DOZER

**BIDDER
COMPLIANCE
YES NO**

Engine, transmission, torque converter, final drives and steering units must be separately removable and/or serviceable without removal of cab. (Tilt cab acceptable). _____

The dozer shall be properly balanced to permit its operation on the relatively steep slopes encountered in the handling of solid wastes at a landfill site. _____

The dozer shall have adequate fuel tank capacity to operate throughout a 10-hour work shift without refueling. _____

The entire power train, including the engine, torque converter, transmission and final drives are to be designed and built by the machine manufacturer. Any major component not designed and built by the machine manufacturer shall be identified and supplemental information provided in the bid submittal. _____

COOLING SYSTEM:

Extreme-duty for heavy debris loading and high ambient temperature conditions. All heat exchangers and radiators shall be trash specific, heavy-duty open core design with maximum 6 fins per inch, copper, and shall allow full access for servicing and cleaning. Machine shall be equipped with an on-demand, hydraulic driven reversible fan with automatic timer and manual over-ride control. The service intended for the dozer described in these specifications is acknowledged to be severe and to impose extreme demands upon components of the cooling system. The supplier of equipment furnished pursuant to these specifications shall therefore warrant the equipment to be continuously operable in this service without exceeding the manufacturer's recommended operating temperature, so long as the system is properly maintained and the radiator cleaned at a frequency of not more than once per day. _____

APPROXIMATELY ONE (1) CRAWLER TRACTOR DOZER

**BIDDER
COMPLIANCE
YES NO**

The air intake system shall be heavy-duty, low restriction, two-stage, dry-type air cleaner with replaceable elements and shall include a visual restriction indicator mounted inside the cab, raised pre-screening intake with advanced technology pre-cleaner and dust ejector. ___ ___

The exhaust stack shall extend above the cab and shall be fitted with a rain cap or alternative measure ___ ___

MANUALS:

Vendor to supply a total of two copies each maintenance, operating, wiring and parts manuals on DVD/CD/Book. ___ ___

ENGINE:

Tier 3 engine with a minimum 310 flywheel horsepower, direct start, direct injection, turbocharged, after cooled, emission certified, diesel with air cleaner, dry type with exhaust aspirated primary and safety elements and service indicator, turbine type pre-cleaner with debris guard. 90 amp alternator, coolant engine filter/conditioner, radiator debris screen, diagnostic center for power train, blower fan, fuel strainer, 4 cold start batteries, fuel system water separator, radiator, isolation mounted, in-line tube with copper fins with fluid level sight gauge ___ ___

The machine shall have an engine protection system designed to warn and shut down engine operation when lube oil pressure is low, coolant level is low and/or engine coolant temperature is high, master electrical disconnect switch ___ ___

APPROXIMATELY ONE (1) CRAWLER TRACTOR DOZER

**BIDDER
COMPLIANCE
YES NO**

The machine shall be equipped with an automatic fault alarm system. The system shall incorporate both an audible and a visual alarm. Failure of any monitored function including, but not limited to, low oil pressure, low water flow, low water level, or overheating of the engine and/ or transmission shall automatically activate the alarm(s).

___ ___

POWER TRAIN:

Modular countershaft or planetary type power shift, single stage, single phase torque converter. Multiple disc clutches and brakes, brakes spring applied and hydraulic released. Complete steering modular (including pinion and bevel gears). Removable assembly for serviceability, power train oil to water heat exchange engine mounted

___ ___

ELECTRICAL:

Four (4) cold start batteries, ether start, charging receptacle, starter charging plug assembly with 15 foot cable plug and terminal for jump starting or charging batteries. Electrical winch for lowering engine crankcase guard, back up alarm

___ ___

CAB:

Enclosed ROPS cab with sound suppression, 5 windshield wipers and washers, dome light, inside rear view mirror, suspension seat with arm rests, air conditioner with heater, defroster, pressurized, foot operated decelerator, electric horn hour meter, instrument panel light, vandalism protection for cab and engine closure, foot rests

___ ___

All glass shall be tinted, ultra-strength safety glass - rubber mounted for quick replacement. No curved glass (no exceptions).

___ ___

The cab shall provide the operator with an unobstructed view. The City of Birmingham will be the sole judge concerning the acceptability of the operator's view.

___ ___

APPROXIMATELY ONE (1) CRAWLER TRACTOR DOZER

**BIDDER
COMPLIANCE
YES NO**

The maximum allowable operating noise level for the specified dozer, in fully operational condition, shall be 80 dba measured within the enclosed cab area. The 80 dba requirement must be met at high engine idle while in motion and cycling implement controls.

___ ___

All the walking surfaces on the exterior of the machine shall have OSHA compliant guardrails; grasp handles, safety tread plates or other approved non-slip walking surface.

___ ___

LIGHTS:

Two (2) front mounted with guards and metal grid covers, two (2) rear mounted plus two (2) front cab mounted lights and one (1) rear cab mounted

___ ___

INSTRUMENTS:

The machine shall be equipped with a full gauge package, audible and visual, for all critical functions, including but not limited to the following gauges: fuel level, engine oil pressure, engine water temperature, transmission/torque converter temperature, coolant level sight-gauge and hydraulic oil level sight-gauge.

___ ___

**ON BOARD
DIAGNOSTICS:**

The successful bidder shall furnish one set of all software and leads necessary to pull codes via lap top computer

___ ___

The successful bidder shall furnish the leads, software and training necessary to perform field diagnostic procedures

___ ___

APPROXIMATELY ONE (1) CRAWLER TRACTOR DOZER

| | | BIDDER COMPLIANCE | |
|------------------------|---|------------------------------|-----|
| | | YES | NO |
| GUARDS: | Crankcase severe service type hinged with front pull hook, fan guard, radiator/guard dirt/rock deflector, sprocket guard, sprocket seal guards, transmission severe service type, and diagonal brace lube fittings, hood perforated type, radiator guard louvered doors, upper and lower retained with quick disconnect latches and pins, side doors, engine, perforated one piece type with latch pins, rear perforated type closure plate beneath fuel tank retained with quick opening latch pins, steel debris deflector bars, below engine side doors, track roller guards, hydraulic/fuel tank guards expanded metal grid guards for lower front windows and wipers | ___ | ___ |
| | Full vandal guards with lockup kits and locks on all access points, compartment enclosures, and fluid-fill points. | ___ | ___ |
| UNDER-CARRIAGE: | Hydraulic track adjusters, sealed and lubricated track chain with split master links, integral track chain guides, oscillating type track frame with Lifespan lubricated rollers and idlers, 24" severe service type track shoes with trapezoid hole | ___ | ___ |
| | Waste Handling package to protect entire undercarriage, final drive seals, pivot shaft seals and other components that could be damaged through contact with waste materials and debris. This package will include counterweight for landfill use, flexxaire fan and rear striker bars | ___ | ___ |
| BLADE: | Semi-U-dozer blade with trash rack (24.5 cu. yd.) with reinforced push plate, complete with all blade components | ___ | ___ |
| WEIGHT: | 86,000 lbs. minimum | ___ | ___ |

APPROXIMATELY ONE (1) CRAWLER TRACTOR DOZER

**BIDDER
COMPLIANCE
YES NO**

FIRE PROTECTION:

Integrated Ansul B fire suppression system with nozzles strategically placed to protect engine, transmission and other critical parts of machine susceptible to fire damage. One manual actuator that can be operated from the operator's seated position. One additional manual actuator that can be operated from outside the machine and from ground level. System must warn operator when fire is detected, but must not shut down the machine's engine or prevent the equipment from being moved to a location that is safe for operator dismount. While machine is shut down, fire suppression system shall be fully automatic.

___ ___

Prior to delivery, the new unit shall be completely serviced and all fluid levels checked and filled with Manufacturer's recommended amount and type of fluids.

___ ___

TRAINING:

After delivery, and prior to acceptance and payment by the City, Vendor shall provide Manufacturer approved comprehensive and detailed training for up to twelve (12) City employees. Instruction shall be geared to experienced operators and technicians and shall provide in-depth coverage of the following topics: safety, maintenance and inspection, machine controls and systems, operating procedures and techniques, and waste handling applications. Training shall include printed reference materials, visual aids, demonstrations, hands-on instruction, testing/evaluation/ feedback. Complete printed versions of training materials shall be provided copies shall be supplied to the Solid Waste Manager and Equipment Management. This training shall be conducted at the delivery location and coordinated with the Department of Equipment Management and the Solid Waste Manager, City of Birmingham Department of Public Works Solid Waste Division, prior to the actual date of instruction. There shall be no additional charge(s) to the City for this instruction.

___ ___

APPROXIMATELY ONE (1) CRAWLER TRACTOR DOZER

**BIDDER
COMPLIANCE
YES NO**

OPTIONAL ITEMS:

The City of Birmingham desires that the entire machine, including all attachments, shall be warranted by the Vendor/Manufacturer against defects in materials and workmanship for a period of five (5) years or 7,500 hours, whichever comes first. Warranty shall cover the full cost of repairs including parts, labor(including overtime charges), transportation and travel, miscellaneous and environmental charges, taxes, incidentals and any other charges incurred in order to return the machine to full and timely service. Vendor shall serve as the agent and/or servicing dealer for all warranties including warranties for auxiliary equipment and attachments. Vendor shall bear responsibility for registration of warranties, compliance with installation procedures, investigation of claims, obtaining authorization for repairs, return of parts for credit, etc. Vendor shall include the full text of all warranties including covered items in the bid package.

The same warranty conditions as mentioned above except covering the Power Train

The same warranty conditions as mentioned above except covering the Power Train and Hydraulic System

F.O.B.

City of Birmingham - New Georgia Landfill
2800 47th Avenue North
Birmingham Alabama 35217

BID FORM

William E. Caffee
 Assistant Purchasing Agent
 Birmingham, Alabama

Submitted below is my firm bid for crawler tractor dozer for the City of Birmingham, in accordance with your invitation to bid and specifications dated December 30, 2011. Prices quoted are f.o.b. Birmingham, AL delivered and I am bidding in exact accordance with the specifications except as listed below.

| Approx Qty. | Description | Unit Price |
|------------------------|---|------------|
| 1 | Crawler Tractor Dozer as per specifications | \$ |
| 1 | Alternate 1 Same as described above except with delivery within 30 days of receipt of purchase order. | \$ |
| 1 | Alternate 2 Same as above except with delivery within 60 days of receipt of purchase order. | \$ |
| 1 | Alternate 3 Same as above except engine is a TIER 4. | \$ |
| OPTIONAL ITEMS: | | |
| | 5 year 7,500 hr, total power train warranty TIER 3 \$ _____ TIER 4 \$ _____ | |
| | 5 year 7,500 hr, total power train and hydraulic warranty TIER 3 \$ _____ TIER 4 \$ _____ | |
| | 5 year 7,500 hr, total bumper to bumper warranty TIER 3 \$ _____ TIER 4 \$ _____ | |
| | Panasonic Toughbook 31 | \$ _____ |

BID FORM

I hereby certify that we do not discriminate in employment of our personnel against any persons on account of race, creed, color, sex, or national origins, and acknowledge and agree that the City encourages minority – and women – owned business participation to the maximum extent possible. This policy includes Historically Underutilized Business Enterprises such as architectural firms, engineering firms, investment banking firms, other professional service providers, and construction contractors as part of the City’s business, economic and community revitalization programs.

| | |
|----------------------|--|
| _____ | _____ |
| | Date of Bid |
| _____ | _____ |
| | Company |
| _____ | _____ |
| | Street Address |
| _____ | _____ |
| | City State Zip |
| _____ | _____ |
| | Post Office Box |
| _____ | _____ |
| Tax ID Number | City State Zip |
| _____ | _____ |
| Name (Print or Type) | Terms of Payment |
| _____ | _____ |
| Signature | Delivery Date |
| _____ | _____ |
| Title | Telephone Number |
| _____ | _____ |
| E-Mail Address | Fax Number |

IF AVAILABLE PLEASE SUBMIT COPY OF CURRENT CITY OF BIRMINGHAM BUSINESS LICENSE WITH THIS BID.

INDICATE THE FOLLOWING ADDRESSES IF DIFFERENT FROM ABOVE:

- 1. BID AWARD NOTICE ADDRESS**
- 2. PURCHASE ORDER ADDRESS**
- 3. REMITTANCE ADDRESS (and NAME if different than above)**