

NOTICE TO BIDDERS

Purchase of Hydraulic Crawler Excavator Worcester County, Maryland

The Worcester County Commissioners are currently accepting bids for the purchase of one (1) new current production model Hydraulic Crawler Excavator for the Solid Waste Division of Public Works. Bid specification packages and bid forms are available from the Office of the County Commissioners, Room 1103 - Worcester County Government Center, One West Market Street, Snow Hill, Maryland 21863, may be obtained online at www.co.worcester.md.us or by calling the Commissioners' Office at 410-632-1194 to request a package by mail. **Sealed bids will be accepted until 1:00 PM, Monday, October 21, 2019** in the Office of the County Commissioners at the above address, at which time they will be opened and publicly read aloud. Envelopes shall be marked "**Bid for Hydraulic Crawler Excavator**" in the lower left-hand corner. After opening, bids will be forwarded to the Department of Public Works for tabulation, review and recommendation to the County Commissioners for their consideration at a future meeting. In awarding the bid, the Commissioners reserve the right to reject any and all bids, waive formalities, informalities and technicalities therein, and to take whatever bid they determine to be in the best interest of the County considering lowest or best bid, quality of goods and work, time of delivery or completion, responsibility of bidders being considered, previous experience of bidders with County contracts, or any other factors they deem appropriate. All inquiries shall be directed to Michael Mitchell, Solid Waste Superintendent, at 410-632-3177.

GENERAL - Specifications -

Hydraulic Crawler Excavator

The equipment called for in this specification shall be a **Hydraulic Crawler Excavator** to be used by the Worcester County Public Works Dept. - Solid Waste Division. It shall be the standard product of machine and all its components and assure its performance. Any and all parts or attachments not specifically mentioned but necessary to furnish complete equipment shall be furnished by the successful bidder and they shall conform in strength, quality of material and workmanship to what is usually provided by good engineering practice indicated in these specifications. **Hydraulic Crawler Excavator** shall be the current model in production at time of bid.

WEIGHT & CLASS

Standard machine operating weight shall not be less than 79,000 pounds.

ENGINE

6 - cylinder, turbo-charged diesel
Minimum **430 cubic inch displacement**
Minimum **270 SAE net horsepower**
Replaceable wet cylinder liners
Pressurized cooling system
Pressurized lubrication system
Engine coolant heater
Precleaner
Lockable engine side-shields
24 volt electrical system, with minimum 50 AMP alternator
Dual batteries, 160 minimum reserve
Auto - idle system

HYDRAULIC SYSTEM

Open center hydraulic system
Variable displacement axial piston pumps
140 GPM flow (70 GPM per pump)

SWING MECHANISM

360 degree swing with adjustable swing speed, 0 – 8.7 RPM
Swing torque must be a minimum of 100,000 FT. LBS.
Simultaneous swing and propel functions
Hydraulically released automatic equipment, multiple disk swing brake
In-cab swing bearing lubrication point

UNDERCARRIAGE

Minimum 16'2" undercarriage length

Rollers to be of excavator type

Minimum 31" track shoes

Minimum 48 shoes per track

Minimum drawbar pull 65,000 lb

CAB

Fully enclosed, isolation mounted

Opening type windows with tinted safety glass & Sun Shades

Roof hatch

Dome light

Floor mats

Defroster fan

Heater

Centralized monitoring with audible alarm

Positive position hand throttle with fuel economy position

Controls, two lever and two pedal

Front Wipers with Washer

Lower Windshield Wiper with Washer

Air Conditioning

AM/FM Radio w/Bluetooth capability

Fan

Windshield Sun Visors

Lights on Cab & Boom

Back-up camera for safety with 360° view

BOOM and ARM

Internally reinforced, tapered box construction

Automatic Lubrication System

Stick Length: **Minimum - 12' 10"**

Stick Digging Force: **Minimum - 31,000 lbs.**

Lifting Capacity - **20' over front, ground level - Minimum - 30,000 lbs.**

Digging Depth: **Minimum - 26'**

Dumping Height: **Minimum - 24'**

Heavy duty cleanup bucket w/hydraulic thumb, w/minimum width of 36" at bucket contact, and a 60" grading bucket.

Hyd. Pin grabber coupler supplied with all pins necessary

Bucket Digging Force: **Minimum - 44,000 lbs.**

ADDITIONAL STANDARD EQUIPMENT

Adjustable suspension seat with 3" safety belt shall be heated and cooled
Back-up alarm
Air cleaner restriction indicator
Engine alternator charge indicator
Engine coolant temperature indicator
Engine oil pressure indicator
Hydraulic oil filter restriction indicator
Engine coolant gauge
Fuel gauge
Hour meter
Under hood muffler with vertical exhaust
Toolbox
Hinged engine cover with bolt in service platforms
Heavy Duty Bottom Guard
Complete Vandalism Guard Package
Product link w/7yr. annual subscription included
Machine shall have an Autolube system

OSHA COMPLIANCE

The machine must meet Tier IV emission controls, sound and Federal OSHA standards.

MANUALS

Machine shall be supplied with a parts CD

SERVICE

Machine shall be designed to simplify and minimize requirement for routine maintenance. Bidders shall be required to prepare an estimate of hourly lubrication and maintenance and demonstrate relative ease of performing manufacturers' recommended routine maintenance requirements to include CSA for 7 yrs/8,000hrs, including all filters.

WARRANTY

The vendor shall supply the county with two (2) copies of the Manufacturer's warranty at the time of delivery. Warranty shall be full machine warranty for seven (7) years, or 8,000 hours on total machine, including travel time and mileage and a list shall be supplied by seller of components covered. If machine is inoperable for more than 2 days, successful bidder must supply the county with a machine of equal specifications until repairs are made to county machine.

Seven (7) Year Warranty and Parts Availability Warranty

All requirements as stated for parts availability warranty are to remain in effect for Seven (7) year period. Full machine warranty for a Seven (7) year period, or 8,000 hrs.

BUY-BACK AGREEMENT

Worcester County warrants that the equipment sold back to the contractor will be in operating condition at the time of repurchase. The term 'operating' means that the equipment will be performing its intended function in landfill operation. The warranty will terminate at the time of repurchase. The machine will have no more than 8,000 hours on it at time of repurchase.

ADJUSTED COST AND FIVE YEAR REPURCHASE PROGRAM

The county will determine an adjusted bid by considering depreciation when analyzing bids. Accordingly, an award of contract under these specifications may be made on basis of the lowest adjusted bid to be determined as follows:

Each bidder shall submit a price bid for equipment proposed pursuant to these specifications, together with the price at which he will agree to buy back said equipment at any time within a period of seven (7) years from the date of delivery. *Each bidder shall submit a repurchase price based on repurchase at the end of one (1), two (2), three (3), four (4) and five (5) years.* Such repurchase shall be deducted from the price for the equipment and the result will be considered the adjusted bid.

The county reserves the right to sell the equipment back to the contractor at any time during the seven (7) year period at the purchase price stated in the bid, or to make no resale whatsoever.

The county warrants the equipment sold back to the contractor will be in operating condition at the time of repurchase.

The contractor shall be excused from performance under the contract only if prevented directly or indirectly by fire, flood, strike, act of God, war, or act of Government.

The price or prices quoted shall include all transportation charges fully prepaid to (address at destination).

Purchaser desires delivery to be completed within 90 days from date of award. Bidder certifies delivery will be completed in 120 days from date of award.

Awards will be made on the best value offered. Clauses requiring specific guarantees to cover parts delivery, total repairs and resale value may be included. The quality of the articles to be supplied, their conformity with the specifications, their suitability to requirements, delivery terms and guarantee clauses shall be taken into consideration.

The purchaser reserves the right to reject any or all bids, waive any informality in bids and accept in whole or in such bid or bids as may be deemed in the best interest of the purchaser.

APPROVED EQUALS

In all specifications where a material or article is defined by describing a proprietary product or by using the name of a vendor or manufacturer, it can be assumed that an equal can be substituted. The use of a named product is an attempt to set a particular standard of quality and type that is familiar to the County. Such references are not intended to be restrictive. However, the County shall decide if a product does in fact meet or exceed the quality of the specifications listed in the solicitation. It shall be the responsibility of the vendor that claims his product is an equal to provide documentation to support such a claim.

Bid Form

I have reviewed the specifications and provisions for furnishing **One (1) Hydraulic Crawler Excavator, Current Model Year** and understand the said requirements.

I hereby propose to furnish this unit as follows:

Excavator Make: _____ Model: _____

Delivered to: Department of Public Works - Solid Waste Division
7091 Central Site Lane, Newark, Maryland, 21841

Purchase with Guaranteed Buy Back at end of Seven (7) Years; or 8,000 Hours,
Seven (7) Year Warranty and Seven (7) Year Parts Availability Warranty

Acquisition Cost	\$ _____
Less Guaranteed Buy Back at end of Seven (7) Years	\$ _____
Net Adjusted Price	\$ _____
Monthly Payment for Eighty-Four (84) mo. using Lease Purchase Option	\$ _____
Interest Rate	_____

Described unit will be delivered within 90 – 120 calendar days from receipt of written order.

Successful bidder must supply County with equal machine once contract is awarded and Vendor has received OK to proceed until new machine is delivered and be responsible for all services and repairs to said machine.

BID MUST BE SIGNED TO BE VALID.

Date: _____

Signature: _____

Typed Name: _____

Title: _____

Firm: _____

Address: _____

Phone: _____