



COUNTY COMMISSION

Monday, July 20, 2015

5:00 PM

Ellis County Administrative Center – Basement Meeting Room

Order of Business

I. Opening

- A. **Call to Order**
- B. **Pledge of Allegiance**
- C. **Clerk Calls the Roll**
- D. **Order of Business**
Consideration of Amendments

II. Prior Minutes

III. Consent Agenda

- A. **Approval of Employee Status Changes as presented**
- B. **Approval of Refunding Warrants as presented**
- C. **Approval of Tax Roll Adjustments as presented**
- D. **Approval of Escape Tax Orders as presented**
- E. **Approval of Adds and Abates as presented**
- F. **Approval of Accounts Payable and Payroll as presented**

IV. Issues from Persons Not on the Order of Business

V. Public Requests/Presentations/Reports Agenda

A. EMS-open positions-Kerry McCue

VI. Action Items Agenda

A. Public Works wheel loader bids-Curt Hoffman- enclosure

VII. Issue Introduction/Report Agenda

A. County Commission

1. Commissioner Reports

a. Purchase Order Process-Marcy McClelland

B. Executive Session

VIII. Adjournment

**NOTE: 2016 Budget workshop @ 8 am, July 23, 2015 in
Commission Chambers**

ELLIS COUNTY PUBLIC WORKS

Highway Department--Road & Bridge

Environmental

Landfill--Transfer Station

Noxious Weed

1195 280th Avenue
P.O. Box 691
Hays, Kansas 67601-0691

Phone 785-628-9455
FAX 785-628-9457

REQUEST FOR PROPOSAL WHEEL LOADER

June 26, 2015

Ellis County is requesting proposals for consideration of purchasing one new wheel loader with the option to purchase a pallet fork attachment. Purchase will be determined upon review of all available criteria, including but not limited to price, resale value, estimated operational cost, warranty, suitability for intended use, and other information as may be considered by Ellis County to be in the best interest of the County. Any vendor or interested party with concerns or questions regarding the purchasing procedure must contact Ellis County Public Works no later than 5 days prior to proposal deadline. Ellis County reserves the right to reject any or all proposals or limit the number and type of purchases, or waive technicalities and purchase the equipment considered to be in the best interest of the County. All interested vendors shall submit proposals as per the following specifications;

1) Loader shall be quoted using Proposal Form "WL7" for a 7 year/8500 hour warranty, detailing outright purchase price, trade-in price, warranty cost, delivery date, bid balance and repurchase price. **Exceptions to bid proposal or machine specifications must be noted and explained on Exception Form "E". Vendor failure to correctly note bid or technical exceptions may result in rejection of vendor's proposal.** A bid Proposal Form "PF" shall be submitted for the optional purchase of a pallet fork attachment as per specifications on Proposal Form "PF". **The pallet fork shall be excluded from the repurchase offer on the loader.** All costs shall be quoted F.O.B. Hays, Kansas. Ellis County reserves the right to purchase the wheel loader without purchasing the pallet fork attachment.

3) Proposal shall list all standard warranties. Proposal shall also detail a full machine warranty to include a coverage guarantee for all repair costs for a 7-year/8500 hour term. Vendor will be fully responsible for total costs of repairs and labor to the furnished equipment, due to manufacturer defects of workmanship and materials, for the selected warranty term, **including all mileage, labor, and transportation costs.** Vendors will be responsible for all costs to correct failures that are not caused, contributed, or preventable by Ellis County Public Works. Vendor will be responsible to provide machine maintenance instruction upon machine delivery to help ensure Ellis County

staff is adequately trained to provide scheduled maintenance and periodical adjustments. **Copies of all warranties detailing the coverages are to be attached to the bid proposal.** All fluid filters, gaskets, seals and SOS oil samples for all compartments will be provided for prescribed maintenance intervals. All engine oil services and all fuel filter change intervals shall be 500-hour intervals. Engine oil shall have an SOS oil sample at 250-hour intervals. All other fluid filters shall be provided for changing at a maximum of 1000 hours or less as per vendors prescribed maintenance intervals. Vendor will be responsible for repairing equipment within seven (7) calendar days of the date of notification of need of repairs, or shall provide a similar piece of equipment at no cost to the County for use until repairs are completed. Any exclusions, transportation costs, or restrictions must be detailed. Alternative warranties must be explained and detailed on Exception Form "E".

4) Proposal shall include supporting literature and documentation or information detailing machinery operating cost-per-hour estimate. A fuel usage estimate shall be provided.

5) Proposal shall indicate current production model year, series, and delivery.

6) Proposal shall meet all technical and submittal specifications as indicated on attached pages:

SUBMITTAL

All proposals shall be submitted by mail to;

Ellis County Public Works
Attn. Mark Polifka, Shop Foreman
1195 280th Ave.
P.O. Box 691
Hays, KS 67601

or may be hand delivered to;

Ellis County Public Works
Attn. Mark Polifka, Shop Foreman
1195 280th Ave.
Hays, KS 67601

All proposals must be received no later than 4:00 p.m., Monday, July 13th, 2015 at the Ellis County Public Works office in Hays, Kansas, at which time and place all properly received proposals will be publicly opened and read aloud. All bidders are encouraged to be present for the proposal opening.

Specifications are not intended to dissuade any vendor from submittal. **Any exception or deviation from specifications and**

proposal requirements must be clearly noted and explained on Exception Form "E." This deviation may or may not affect final purchase decision.

TRADE-IN: 2004 Cat 950G Series II Loader

EQUIPMENT SPECIFICATIONS AS FOLLOWS:

**WHEEL LOADER TECHNICAL SPECIFICATIONS
CURRENT PRODUCTION MODEL AND SERIES**

ENGINE

(Engine model number and loader series must be noted)

Minimum 230 H.P. (Net), Turbo Charged. (Rated with on-demand hydraulic fan drive speed at maximum)

Engine shall be fully equipped, 6 cylinder, 4 stroke, diesel with necessary operating accessories. Engine must meet current production EPA standards (list cubic inch displacement.)

Engine air cleaner shall be dual element dry type, radial seal with a service indicator. The air intake system shall include a Syklone precleaner or equivalent rotary ejector precleaner.

Side doors or hood on engine compartment.

Cold start aid (identify cold start aid)

Engine block/coolant heater.

Muffler - spark arresting.

Extended life coolant.

Radiator to have easy access to radiator with clean out provisions. (Bidder shall identify clean out provisions)

Radiator fan shall be a reversing fan for radiator clean out.

Exhaust pipe curved with muffler drain or rain cap.

Pusher fan with guard.

Emissions package shall be mounted on a platform bolted to the machine frame and allow access to the top of the engine.

DRIVE TRAIN

Automatic transmission shall be of the powershift design with a torque converter capable of making speed and direction changes without engine deceleration.

Transmission shall automatically select gears above 1st. The operator shall be able to select the highest gear to which the transmission will automatically shift.

Machine shall have a lift lever mounted transmission gear kickdown button.

Machine shall have an electronic clutch pressure control to modulate clutch engagement individually to allow smoother speed and directional shifts.

Both speed and direction changes shall be actuated by a single control lever mounted on the steering column.

Transmission shall have at least 4 forward gears and 3 reverse gears.

Transmission shall also offer fully manual shifting for 1st, 2nd, 3rd, and 4th gear.

Transmission oil cooler.

Final drives shall be of planetary design.

Rear axle shall be the oscillating type.

Easy serviceability to change filter, fluid, fill fluid, and check oil level. SOS oil sampling valves to be on all pressurized compartments where possible.

Shall be equipped with automatic locking or limited slip differentials in both front and rear axles.

BRAKE

Machine shall have oil disc-type self adjusting brakes, sealed from water, mud, and dust.

Machine shall have two brake pedals with quick disconnect.

Machine shall have a warning light sensing brake pressure.

Service brake actuation shall be of independent front and rear hydraulic circuits providing effective braking in the event of partial system failure.

Parking brake shall be independent of service brakes and fully enclosed.

HYDRAULICS

Hydraulic system shall be fully filtered and completely sealed.

Loader shall have automatic bucket positioner and lift kickout. Bucket positioner and lift kickout shall be adjustable to different bucket angles and lift heights with a return to carry option.

Hydraulic oil cooler.

Locking devices shall be capable of temporarily disabling the levers which control the hydraulics or transmission controls.

Wheel loader shall be equipped with an automatic bucket suspension system using an accumulator in the lift arm circuit to reduce material spillage when traveling over rough or uneven surfaces. (Ride control system, automatic type)

Loader controls shall be a factory installed joystick hydraulic implement control with integrated third function for operation capable of operating a pallet fork or other attachments. All auxillary lines will be run to the front of the machine with flat faced style hydraulic couplers and be factory installed. Loader shall have a hydraulic bucket/attachment quick coupler (Volvo type) with controls in the cab to engage and disengage the coupler to attachment. Quick coupler shall fit the grapple fork that is in our Ellis County Public Works inventory.

Loader lift lever shall have a switch in the handle to change directions for forward and reverse direction.

CAB

Integral ROPS cab shall be standard.

Cab shall be sound suppressed and meet both current OSHA and MSHA standards for operator sound.

Cab shall include a heater/defroster.

Cab shall have pressurized and filtered air circulation system.

Wheel loader shall be equipped with an air conditioning system for the operator's compartment that uses R134a refrigerant.

Machine shall be equipped with a multi-level warning system which will signal machine and component malfunctions. System should differentiate between major and minor malfunctions. Warning system shall record occurrences of periodic malfunctions.

Steering wheel and transmission control lever shall be adjustable as a single unit.

Operator's seat shall be a cloth covered air ride-type with adjustments for height, weight, fore/aft and suspension dampening with a high back. Seat shall include adjustable armrests on left and right and 3" retractable seat belt.

Cab shall have windshield wipers with a washer system for front and rear windows with front wiper having intermittent capability.

Cab shall be mounted on the rear frame of the machine.

Cab shall have heated left and right externally-mounted rear-view mirrors.

Cab shall have 2 convex internally-mounted rear-view mirrors.

Cab shall be pre-wired with 24V to 12V converter, 25 amp minimum.

Cab shall have a AM/FM radio, speakers, and antenna installed in cab.

Cab shall be equipped with rubber floor mat and tinted safety glass.

Cab shall be equipped with ventilation windows on both sides.

Cab shall be equipped with a front sun visor.

Cab shall have right and left platforms and handrails with service steps on both the right and left side.

ELECTRICAL

Loader equipped with a master electrical disconnect.

Loader equipped with a 24V system for starting and operating with an 130 amp alternator.

Loader equipped with a key start, key shut off switch, horn, and backup alarm.

Loader equipped with the following lights:

- LED 4-way warning flashers
- LED turn signals
- Halogen driving lights
- LED combined tail and stop lights
- Minimum 4 Front and 4 rear halogen flood lights
- Collapsible electronic beacon

Loader equipment with electronic instrument and/or warning lights for the following:

- Hour meter
- Fuel gauge
- Engine oil pressure
- Engine water temperature
- Alternator - Battery voltage
- Transmission oil pressure
- Transmission oil temperature
- Transmission oil filter restriction
- Hydraulic oil filter restriction
- Hydraulic oil temperature
- Rearview camera

Heavy duty batteries 1400 cold cranking amps minimum.

GENERAL MACHINE

Machine basic operating weight with attachments shall be no less than 42,000 lbs. (List weight)

Machine equipped with the following:

- 4 yard heaped capacity general purpose quick attach bucket matching the loader quick coupler, with bolt on cutting edges (list capacity)
- Loader shall have rock teeth, adapters, segments and hardware for the bucket and shall be shipped with loader at delivery
- Lift and tie down brackets
- Vandal protection lockup package (List what is included)
- Front and rear fenders
- Equipped with a rear towing and retrieval hitch

Articulation lock
Outside locking tool box for easy accessibility
Tires, 23.5 x R25 XHA L3
Slow moving vehicle sign

Loader shall be equipped with a product link or equivalent remote machine monitoring system for the 7 year period. Proposal shall include supporting literature and documentation or information detailing the service. Any cost associated with a product link or equivalent remote machine monitoring system must be specifically detailed.

Machine to come with operator's manual(book type)
Machine to come with parts manual(book type)
Machine to come with service manual(book type)

Bucket minimum width 112" (List width)

Machine static straight tipping load to be at least 25,000 lbs.
(List weight)

Machine static full turn tipping load to be at least 24,000 lbs.
(List weight)

Machine breakout force shall be measured 4 inches behind tip of bucket cutting edge not less than 38,000 lbs. (List breakout weight)

Loader boom lockout.

Rear counter weight to match machine. (No liquid in tires).

PROPOSAL FORM "WL7"

COST

VENDOR NAME: _____

LOADER SERIES/MODEL/YEAR: _____

OUTRIGHT PURCHASE PRICE
(F.O.B. Hays): _____

TRADE-IN (2004 CAT 950G #2-524) (1): _____

WARRANTY (7-YEAR/8500 HOUR)
(FULL MACHINE) (2) _____

NET BID (BALANCE): _____

REPURCHASE (BUY-BACK) (3) _____

DELIVERY: _____

(1) Ellis County reserves the right to retain the trade-in and sell outright, or trade in, whichever is in the best interest of the County. In the event the trade-in offer is not accepted, the NET BID shall be adjusted accordingly.

(2) Any Vendor unable to provide the full machine warranty shall so indicate by "NA" on the appropriate bid line. Vendor may list an alternative warranty offered which shall cover 7-years or 8,500 hours on Powertrain components, including cost for the warranty and any incidental costs associated with warranty work.

(3) REPURCHASE (BUY-BACK) shall include supporting literature detailing restrictions or requirements for REPURCHASE by the Vendor. REPURCHASE shall be for a Loader used by Ellis County for 7 Years or 8,500 hours from Delivery Date, whichever occurs first. Ellis County reserves the right to retain ownership of the equipment and to waive the guarantee repurchase provisions.

By submitting this bid, the Vendor agrees to all terms set forth herein and will provide the specified equipment at the BID stated herein.

VENDOR: _____

AUTHORIZED SIGNATURE: _____

TITLE: _____

DATE: _____

NOTE: ELLIS COUNTY RESERVES THE RIGHT TO REJECT ANY OR ALL PROPOSALS OR WAIVE TECHNICALITIES AND PURCHASE THE EQUIPMENT THAT IS DETERMINED TO BE IN THE BEST INTEREST OF THE COUNTY.

PROPOSAL FORM "PF"
COST

VENDOR NAME: _____

MODEL, SERIES AND YEAR : _____
(PALLET FORK)

OUTRIGHT PURCHASE PRICE : _____
(PALLET FORK)

WARRANTY: _____

DELIVERY: _____

PALLET FORK SPECIFICATIONS

- (1) Pallet Fork shall have a carriage width of 108” or equivalent.
- (2) Pallet Fork shall have a carriage height of 41” or equivalent.
- (3) Pallet Fork shall have a tine length of 84” or equivalent.
- (4) Pallet Fork shall have a tine width of 7” or equivalent.
- (5) Pallet Fork shall have a tine thickness of 3.5” or equivalent.
- (6) Pallet Fork shall be a quick attach, matching Wheel Loader bucket/attachment quick attach coupler.

Pallet Fork shall not be included in the Repurchase.

By submitting this bid, the Vendor agrees to all terms set forth herein and will provide the specified equipment at the BID stated herein.

VENDOR: _____

AUTHORIZED SIGNATURE: _____

TITLE: _____

DATE: _____

NOTE: ELLIS COUNTY RESERVES THE RIGHT TO REJECT ANY OR ALL PROPOSALS OR WAIVE TECHNICALITIES AND PURCHASE THE EQUIPMENT THAT IS DETERMINED TO BE IN THE BEST INTEREST OF THE COUNTY.

EXCEPTION FORM “E”

Each vendor assumes all responsibility in obtaining all information required for submission of proposals and acquainting themselves with submission procedures. In presenting said proposal, vendor acknowledges acceptance of said responsibility. All proposals shall be binding upon the vendor for 30 days following opening. All proposals must be clearly identified and descriptive. Prices must not be noted on supporting literature. Proposals determined to not comply with submission criteria may be rejected.

All proposals shall be submitted F.O.B. Ellis County Public Works facility.

All practices, materials, supplies, and equipment shall comply with the Federal Occupational Safety and Health Act, as well as any pertinent and applicable federal, state, and/or local safety or environmental regulations.

All contractual agreements shall be subject to, and governed by and construed according to the laws of the State of Kansas.

In submitting this proposal, the vendor declares that he/she is the only person interested in the said proposal; that it is made without any connection with any person or persons making another proposal for the same contract; that the proposal is in all respects fair and without collusion, fraud, or misrepresentation, and that he/she is qualified and authorized to make said proposal.

HOLD HARMLESS: The vendor agrees to protect, defend, indemnify and hold the Board of County Commissioners, it's officers, employees, and agents, free and harmless from and against any and all losses, penalties, damages, settlements, costs, charges, professional fees or other expenses or liabilities of every kind and character arising out of or relating to any and all claims, liens, demands, obligation, actions, proceedings or causes of action of every kind and character in connection with or arising directly or indirectly out of this agreement and/or performance thereof.

Without limiting the generality of the foregoing, all such claims, etc., relating to personal injury, infringement of any patent, trademark, copyright, or application for any thereof, or of any other tangible or intangible personal or property right, or actual or alleged violation of any applicable statute, ordinance, administrative order, rule or regulation, or decree of any court, shall be included in the indemnity hereunder. The vendor further agrees to investigate, handle, respond to, provide defense for and defend any such claims, etc., at his/her sole expense and agrees to bear all other costs and expenses related thereto, even if such claim is groundless, false or fraudulent.

ELLIS COUNTY PUBLIC WORKS

Highway Department--Road & Bridge

Environmental

Landfill--Transfer Station

Noxious Weed

1195 280th Avenue
P.O. Box 691
Hays, Kansas 67601-0691

Phone 785-628-9455
FAX 785-628-9457

Proposal for Wheel Loader Bids 7-15-15

Dear Commissioners,

It is very important that detailed specifications are included in the County's Request for Proposals in order for the bidding process to be suitable and meets the Public Works Road & Bridge needs. After reviewing the specifications along with the options from bid proposals submitted by 5 companies for the purchase of a wheel loader, there are a couple options for consideration.

Option #1: If the stated bid proposal specifications are followed, there are three companies that have included a buy back option with their bid. Foley Equipment, Murphy Tractor and Berry Tractor have met these criteria. Foley Equipment has met all of the specifications at a net bid balance of \$239,500.00 on a bid for a 2015 CAT 950M.

Option #2: If specifications of the Request for Proposal bids will not be taken into consideration, then Seller's Tractor with the 2015 Doosan DL300-5 for a net bid balance of \$171,000.00 and Victor L. Phillips with the 2015 Hyundai HL760-9A for a net bid balance of \$165,777.00 are possible options.

Pallet Fork Option: At this time, I am still reviewing bid proposals on the pallet forks and do not have a recommendation at this time.

WHEEL LOADER PROPOSAL WITH BUY-BACK OPTION
(July 15, 2015)

	COST PER LOADER 7-YEAR 8,500 HR			
VENDOR	Foley Equipment	Murphy Tractor	Berry Tractor	Seller's Tractor
SERIES / MODEL / YEAR	CAT 2015 950M	J.D. 2015 644K	Komatsu 2015 WA380-6	Doosan 2015 DI 300-5
(A) PURCHASE PRICE	\$298,000.00	\$275,107.00	\$246,000.00	\$231,000.00
(B) TRADE-IN 2004 CAT 950G	\$58,500.00	\$43,000.00	\$46,300.00	\$60,000.00
(C) WARRANTY COST	Included	Included	Included	Included
(D) NET BID BALANCE (A - B + C)	\$239,500.00	\$232,107.00	\$199,700.00	\$171,000.00
(E) BUY-BACK OFFER	\$105,000.00	\$57,500.00	\$77,200.00	Fair Market Value
DELIVERY	9-10 Weeks	60-75 Days	8 weeks	90-120 Days
EXCEPTIONS	None	Separate Page	Separate Page	Separate Page
(F) NET COST SUMMARY (D - E)	\$134,500.00	\$174,607.00	\$122,500.00	\$171,000.00
COST PER YEAR	\$19,214.29	\$24,943.86	\$17,500.00	\$24,428.57
FUEL USAGE ESTIMATE PROVIDED BY VENDOR	3.0 GPH Fuel Consumption Guarantee	2.8 GPH	3.5 GPH	2.8 GPH
OPTIONAL PALLET FORK ATTACHMENT	Cat 2015	JRB 2015 QC 700 CUF JRB 2015 QC 600 CUF	No Bid	Doosan 2015 106/84
Purchase Price	\$12,100.00	\$14,020.00	No Bid	\$12,000.00
Delivery	10 Weeks	\$13,090.00 60-75 Days	No Bid	90 Days
Warranty	1 Year	1 Year	No Bid	1 Year

WHEEL LOADER PROPOSAL WITH BUY-BACK OPTION

(July 15, 2015)

7-15-15

	COST PER LOADER 7-YEAR 8,500 HR			
VENDOR	Victor L. Phillips	Victor L. Phillips		
SERIES / MODEL / YEAR	Case 2015 921F	Hyundai 2015 HL760-9A		
(A) PURCHASE PRICE	228,878.86	200,644.00		
(B) TRADE-IN 2004 CAT 950G	55,000.00	55,000.00		
(C) WARRANTY COST	26,794.00	20,133.00		
(D) NET BID BALANCE (A - B + C)	200,672.86	165,777.00		
(E) BUY-BACK OFFER	Fair Market Value	Fair Market Value		
DELIVERY	8-10 Weeks	6-8 Weeks		
EXCEPTIONS	Separate Page	Separate Page		
(F) NET COST SUMMARY (D - E)	200,672.86	165,777.00		
COST PER YEAR	28,667.55	23,682.43		
FUEL USAGE ESTIMATE PROVIDED BY VENDOR	3.3 GPH	4.9 GPH		
OPTIONAL PALLET FORK ATTACHMENT	Promac 2015 8300	Promac 2015 8300		
Purchase Price	9,750.00	9,750.00		
Delivery	90-120 Days	90-120 Days		
Warranty	1 Year	1 Year		

WHEEL LOADER BID EXCEPTIONS
July, 2015

7-15-15

Per Unit)

Vendor Foley
Make Cat
Model 950M
Year 2015

Murphy Tractor
John Deere
644K
2015

Exceptions

None

Bid Specification

Exceptions

No FNR switch in loader lever
1 inside rearview mirror
Keyless start system
Breakout force - 33,904 lbs.
Pin on bucket
at bolt on edge
Coupler bucket -30,124
at bolt on edge
Joystick with 3rd function lever

Bid Specification

FNR switch in loader lever
2 inside rearview mirrors
Key start and shut off
Breakout force - 38,000 lbs.
4" behind tip of bolt
on edge
Breakout force - 38,000 lbs.
4" behind tip of bolt
on edge
Joystick with integrated
3rd function

Extra options

Parallel lift capabilities
2-1400 CCA batteries
Production measurement scale
capabilities

Bid Specification

None
Batteries 1400 CCA minimum
None

Extra options

7yr/9,000hr warranty
Axle coolers
Multiple security modes
Production measurement scale
capabilities

Bid Specification

7yr/8500hr warranty
None
None
None

Vendor Berry Tractor
Make Komatsu
Model WA380-8
Year 2015

Seller's Tractor
Doosan
DL300-5
2015

Exceptions

191 horsepower
90 amp alternator
Machine weight - 40,929 lbs.
Breakout force - 38,140 lbs.
with pin-on bucket

Bid Specification

Minimum 230 horsepower
130 amp alternator
Machine weight - 42,000 lbs.
Breakout force - 38,000 lbs.

Exceptions

5yr/7500hr warranty
Breakout force - 37,768 lbs.
5 cylinder engine
Machine weight 41,844
no buy back option
Fair market valve
Joystick with 3rd function lever

Bid Specification

7yr/8500hr warranty
Breakout force - 38,000 lbs.
6 cylinder engine
Machine weight 42,000
Buy back option
Joystick with integrated
3rd function

Extra options

Bid Specification

Extra options

Bid Specification

WHEEL LOADER BID EXCEPTIONS

7-15-15

July, 2015

Vendor Victor L. Phillips

Make Case

Model 921F

Year 2015

Victor L. Phillips

Hyundai

HL760-9A

2015

Exceptions

Bid Specification

225 horsepower
Non collapsible beacon
Puller fan with guards
1 inside rearview mirror
2 rear working lights
no buy back option
Fair market valve
Breakout force - 42,128 lbs.
Pin on bucket
Coupler bucket -33,704
120 amp alternator
Joystick with 3rd function lever

Minimum 230 horsepower
Collapsible beacon
Pusher fan with guards
2 inside rearview mirrors
4 rear halogen flood lights
Buy back option
Breakout force - 38,000 lbs.
Breakout force - 38,000 lbs.
130 amp alternator
Joystick with integrated
3rd function

Extra options

Bid Specification

Exceptions

Bid Specification

222 horsepower
Non collapsible beacon
Breakout force - 35,781 lbs.
1 inside rearview mirror
Machine weight - 41,773 lbs.
no buy back option
Fair market valve
Interim Tier 4 engine
Joystick with 3rd function lever

Minimum 230 horsepower
Collapsible beacon
Breakout force - 38,000 lbs.
2 inside rearview mirrors
Machine weight - 42,000 lbs.
Buy back option
Current EPA standards
Joystick with integrated
3rd function

Extra options

Bid Specification