

Bid Specifications



Date: 1/8/2015
To: Mario Gisbert, City Manager
From: Cheryl Joyner, Parks & Recreation
Subject: Seeking bids for a Large Area Rotary Mower with Floating Decks

The Parks and Recreation Department is seeking bids for a Large Area Rotary Mower with Floating Decks. Minimum width of cut is 109”.

Full Bid Specifications can be found under “Bids” on www.pcbgov.com.

“Sealed bids” should be dropped off or mailed to Frank Brown Park Community Center located at 16200 Panama City Beach Parkway, Panama City Beach, FL 32413. The envelope should be clearly marked “Rotary Mower Bids”, with name and address on the packet. Submit the sealed bids to Cheryl Joyner at the Community Center **no later than 10:00 a.m. (CST) February 3, 2015** and bids will be opened and read publicly immediately thereafter. The City of Panama City Beach (“City”) reserves the right to reject any and all Bids. All Bids shall be firm (including all material prices) for a period of 30 days after opening.

The City shall award the Contract to the lowest responsive and responsible bidder; provided, however, the City reserves the right to award the Contract to a Bidder who is not the lowest responsive and responsible bidder if the City determines in its reasonable discretion that another Bid offers the City a better value based upon the reliability, quality of service, or product of such other Bidder.

For information, call 233-5045.

Large Area Rotary Mower

Specifications: The following specifications are intended to define the level of quality and performance of the requested equipment. Equipment offered shall be of equivalent dimensions, quality, and performance. The offered equipment shall provide the following or equivalent features as noted hereinafter.

Engine:	Minimum 55 hp, Liquid Cooled, Turbo-charged 4 Cylinder Diesel, EPA Tier 4 Compliant.
Fuel Capacity:	Diesel, 22 Gallons
Traction Drive:	4 Wheel Drive Full-Time in mow (low speed), Bi-Directional, 2 Wheel Drive Transport Range.
Gauges:	Hour meter, Fuel Gauge, Engine Temperature Gauge, Indicator lights for glow Plugs, high coolant temperature, charge indicator, and low oil pressure. Shutdown for high coolant temperature.
Steering:	Power steering with dedicated power source, tilt steering.
Controls:	Ignition Switch, Hand operated Throttle, Foot operated traction pedal, two Position switches for deck lift, Reverse fan two switch position switch- Auto/manual reverse, Park Brake Lock.
Ground Speed:	Transport: 0-13 mph forward, 0-6 mph reverse. Mow: 0-7 mph forward, 0-3.5 mph reverse.
Hydraulics:	8.25 gallon capacity with 10 micron remote spin-on filter, 9 row single pass cooler with tilt out for cleaning. Variable speed hydraulic fan drive with automatic (based on coolant and oil temperatures) and manual reversing capabilities.
Radiator:	Rear-mount, cross flow, 7 row, 5 fins per inch. 13 quart capacity.
Interlocks:	Prevents engine from starting unless traction pedal is in neutral and deck is disengaged. If operator leaves seat with deck engaged, engine stops. Mowing only permitted in low range. Engine stops if parking brake engaged And traction pedal not in neutral.
Operator area:	Beverage holder, radio holder, 12-volt power point, storage box. Front work Lights. 2-post ROPS

Instrumentation: Info-center System: On-board LCD Display shows gauges, alerts/faults, service reminders, and electrical systems diagnostics. Indicates fuel level, coolant temperature, intake temperature, Low oil pressure, alternator, engine hours, Engine rpm, hydraulic oil temperature, and voltage.

Tires: Front 29 x 14-15 6 Ply. Rear 20 x 10-10 4 Ply.

Brakes: Mechanically actuated, internal wet disc brakes on input to each planetary drive. Individual foot-operated steering brake control of left and right wheel. Lock pedals together and latch to engage parking brake.

Seat: Seat with adjustments for operator weight-air ride suspension, seat fore/aft position, seat back angle, arm rest and retractable seat belt.

Cutting Decks: Five 27" rear-discharge rotary cutting units with rollers.

Height of Cut: 0.75 to 4 inches in 0.25" increments

Minimum Width of Cut: 109"

Spindle Assembly: Ductile cast iron spindle housing. Dual Greaseable tapered roller bearings. 1.25" diameter solid steel spindle shaft. 6" Anti-scalp cups on each blade.

Certification: Meets applicable CE requirements ANSI B71.4-2004

Warranty: Two year 1500 hour with free pick-up and delivery during warranty period.

Optional Accessory: Canopy with operator controlled fan assembly