

Lee County Board Of County Commissioners

Blue Sheet No. 20070107

Agenda Item Summary

1. ACTION REQUESTED/PURPOSE: Waive the formal quotation process to accept and approve the award of Informal Telephone Quotation No. IT070105 the Purchase of two (2) New Holland Tractors Model TS115A with Alamo Industrial Mowers Model Maverick 24' Boom Mowers for the Department of Transportation/Operations, to the low quoter meeting specifications, Creel Tractor Co., at a cost of \$104,622.00 each for a grand total of \$209,244.00.

2. FUNDING SOURCE: Fund-Transportation Trust Fund; Transportation Operations, Roadway Maintenance (\$104,622.00) and Fund-Vehicle Replacement Fund; Program-Fleet Replacement (\$104,622.00)

3. WHAT ACTION ACCOMPLISHES: This purchase will provide the Department of Transportation with two new reliable slope mowers that will be used to maintain County roadways.

4. MANAGEMENT RECOMMENDATION: Approve as stated.

5. Departmental Category:

C9B

6. Meeting Date:

MAR 13 2007

7. Agenda:

- Consent
- Administrative
- Appeals
- Public
- Walk-On

8. Requirement/Purpose: (specify)

- Statute
- Ordinance
- Admin. Code
- Other

9. Request Initiated:

Commissioner _____
Department DOT
Division _____
By: Scott Gilbertson

10. Background: On December 1, 2006, the Division of Purchasing received quotations for the purchase of two (2) new slope mowers for the Department of Transportation/Operations. On that date two responses were received. The quotations have been thoroughly reviewed, and a recommendation is being made to award to Creel Tractor Co. as the low quoter meeting all specification requirements. It was initially anticipated that the total cost of this quote would come in under \$100,000; therefore, it was processed as an informal Telephone. However, with the final totals coming in at over \$100,000, Board approval is required.

Account String: PC5410117500.506430 \$104,622.00 50%-Transportation Trust Fund
 JB5191059401.506430 \$104,622.00 50%-Vehicle Replacement Fund

Please See Attachments:

- (1) Department's Recommendation
- (2) Tabulation Sheet
- (3) Specifications
- (4) Creel Tractor Quotation

11. Review for Scheduling:

Department Director	Purchasing or Contracts	Human Resources	Other	County Attorney	Budget Services				County Manager/P. Director
					Analyst	Risk	Grants	Mgr.	
M. Newberg 2/1/07	J. Hunt 1.31.07 C. Spitt 1-31-07			[Signature]	RK 2/8	2/8/07	2/8/07	2/8/07	[Signature] 2-8-07

12. Commission Action:

- Approved
- Deferred
- Denied
- Other

RECEIVED BY COUNTY ADMIN: [Signature]
 2:35 pm
 COUNTY ADMIN FORWARDED TO: [Signature]
 2/8 4pm

Rec. by CoAtty
 Date: 2/6/07
 Time: 11:28am
 Forwarded To: 2/9/07 1:45pm



DIVISION OF FLEET MANAGEMENT

To: Janet Sheehan, Purchasing Director
From: Marilyn L. Rawlings, Fleet Manager *MR*
Cc: Robert Franceschini, Chris Jeffcoat, Bradley Wright
Date: 1/19/2007
Re: Tractors with Slope Mowers

Please prepare a Blue Sheet for the purchase of two (2) New Holland Tractors, Model-TS115A with 24' Maverick Slope mowers, for the Department of Transportation, Operation Division.

ACTION REQUESTED:

Approve the Informal Quote (# IT070105) purchase of two (2) New Holland Tractors, Model-TS115A with 24' Maverick Slope mowers in the amount of \$104,622 each for a total of \$209,244 from Creel Tractor.

WHY ACTION IS NECESSARY:

Board approval is required, as this expenditure will exceed \$100,000.

WHAT ACTION ACCOMPLISHES:

This purchase will provide the Department of Transportation with two (2) new reliable slope mowers that will be used to maintain the County roadways.

MANAGEMENT RECOMMENDATIONS:

Approve this request to give the department two new slope mowing machines.

Funds for this purchase are available from:

PC5410117500.506430 = \$104,622 50% - Transportation Trust Fund

JB5191059401.506430 = \$104,622 50% - Vehicle Replacement Fund

BACKGROUND:

Lee County Fleet Management received requests from DOT/Operations to purchase two new slope mowers. These mowers are used to do specialty mowing, cleaning right away ditches, clearing sightlines for traffic, trimming overgrown brush and trees from ditches in Lee County.

ATTACHMENT 2

FORMAL QUOTATION #IT070105	LEE COUNTY, FLORIDA TABULATION SHEET				
OPENING DATE: DECEMBER 1, 2006	FOR				
BUYER: CHRIS JEFFCOAT	TWO SLOPE MOWERS				
VENDORS	CREEL TRACTOR CO.	ALAMO SALES CORPORATION			
GRAND TOTAL FOR TWO COMPLETE MACHINES	\$209,244.00	\$215,000.00			
TO BE DELIVERED WITHIN	5-7 DAYS #1	30 DAYS			
	30 DAYS # 2				
MEETS SPECIFICATIONS	YES	YES			
NO BIDS					
POSTING TIME/DATE					
FROM:	/				
UNTIL:	/				
BY:					

**LEE COUNTY, FLORIDA
INFORMAL TELEPHONE QUOTATION FOR
THE PURCHASE OF TWO (2) NEW
New Holland Tractors
Model – TS115A -4wd
With
Alamo Industrial
Model - Maverick 24' Boom Mowers**

Vendors:

Lee County wishes to purchase two (2) new New Holland Tractors Model TS115A with Alamo Industrial Mowers Model Maverick 24' Boom Mowers. These units must be new, unused and of the latest model year. The units must come complete with all standard equipment listed below and in first class working condition. There shall be no advertising stickers, logos, etc. of the selling dealer.

BASIS OF AWARD

Award will be by section or overall whichever is in the best interest of Lee County.

Note: Options are not part of the basis of award and will be considered separately.

**Please fill out the following quote and fax it to:
Lee County Purchasing – Attn. Chris Jeffcoat at 239-344-5460
by 5:00 p.m. on Friday December 1 , 2006.**

Section I

QUANTITY: TWO
MAKE: New Holland
MODEL: TS115A – Deluxe – 4wd

COMPLY: YES/NO

- | | |
|--|-------|
| 1. Engine: Standard Diesel powered 115-HP. | _____ |
| 2. PTO HP: 95 | _____ |
| 3. Cylinders: 6 | _____ |
| 4. Transmission: 16 X 16 Autoshift | _____ |
| 5. Brakes : Hydraulic wet disc | _____ |
| 6. Cab with A/C | _____ |
| 7. Power Take Off (PTO): Rear PTO | _____ |
| a. RPM: 540/1000 rpm | _____ |

- 8. Main Hydraulic Pump Type: Variable displ. Piston _____
- 9. Air ride seat _____
- 10. Wheelbase, in: 104.4 _____
- 11. Front tires: 10.00 X 16, R-1 Ag Tires _____
- 12. Rear tires: 18.4 X 30 R-1 Ag Tires _____
- 13. One (1) complete set of manuals to cover all components
Including: electrical, hydraulic, fuel, brakes, parts, repairs,
maintenance, etc. for each tractor. _____
- 14. Three (3) complete sets of keys for each tractor. _____

NEEDED OPTIONS:

cost of option

- 1. Rear storage box \$ _____
- 2. Water cooler - mounted \$ _____
- 3. Rotary Beacon Light \$ _____
- 4. AM/FM Radio \$ _____
- 5. Dark tinted windows \$ _____

WARRANTY: Please provide the standard warranty.

List standard warranty: _____

Section II

QUANTITY: TWO
MAKE: Alamo Industrial
Model: Maverick 24' Boom Mower

COMPLY: YES/NO?

1. FRAME & MOUNTING:

This unit frame shall be mid-mounted to underside of tractor utilizing a modular center weldment with front and rear attaching rails. Frame shall be of modular construction from alloy steel and be completely bolted during installation (no welding).

2. BOOM FEATURES & CAPABILITIES:

a. Boom Features:

Standard boom structure shall be made completely of high strength alloy steel And constructed of a designed, box section geometry, for optimum strength to weight ratio.

The boom shall feature three components; lift, outer dipper and telescopic sections

Main pivots shall utilize 2" chrome pins with greaseable, hardened steel bushings.

b. Boom Movement:

Standard boom functions shall feature horizontal swing, vertical lift, dipper reach, telescopic reach and mower tilt.

Boom swing angle shall be customized per tractor to accommodate cutting within 1' of front tire.

Boom swing shall be a minimum of 180 degrees.

The telescopic reach shall be a minimum of 3' fully extended.

c. Boom Reach:

The minimum reach up shall meet 21'-10".

The minimum reach out shall meet 24', with telescopic section fully extended.

The minimum reach down shall be 14'-8" below tractor ground level.

Boom mower head shall have the ability to mow horizontally within 6" of the rear tractor tire.

d. Boom Cutting Head:

The boom shall feature four-bar linkage to allow for 205-degree mowing head rotation.

The cutting head shall feature a hydraulic pivot enabling the head to be transported within 108".

The boom shall feature a 60" heavy-duty rotary cutting head.

3. **OPERATION & POWER:**

a. **Hydraulics:**

The unit shall feature a self-contained hydraulic circuit for both mowing head and boom control circuit.

The mowing head circuit shall feature a closed-loop hydrostatic variable displacement piston pump rated at 134 horsepower.

The hydrostatic pump shall provide a no-flow neutral position while mowing head Circuit is "OFF".

The hydrostatic pump shall feature a charge pump to refresh and cool the cutter.

Boom control circuit shall feature a load-sensing, variable displacement piston pump.

The secondary control pump shall be load-sensing and rated at 76 horsepower.

Both pumps shall provide internal relief for component protection.

All high-pressure hydraulic hoses shall be of four-wire braid construction with a minimum rating of SAE100R12.

Hydraulic fluid must be of a superior grade with anti-wear additives that conform to ISO A W Viscosity Grade dependent upon local ambient temperatures.

b. **Hydraulic Reservoir:**

The unit shall have a front mounted hydraulic reservoir for improved operator visibility, safety, and operator access. (Side mounted tanks will not be accepted.)

The reservoir shall feature visual indication of tank level and temperature to insure proper volume levels are maintained in order to support motor and boom control circuits.

Conveniently accessed points for draining and cleaning of reservoir shall be featured.

Frontal protection for the reservoir shall be provided by a heavy-duty steel bumper plate.

A durable, one-piece formed plastic cover, with fiberglass backing, shall be hinged to provide access to components.

c. **Cylinder Control Valve:**

The unit shall feature a stackable, multi-section, electro-hydraulic, directional control valve.

The valve shall include load-sensing and section-specific pressure compensation.

The valve shall have a minimum working pressure of 320 bar and minimum flow of 150 l/min.

The valve shall allow a minimum of four functions to be operated simultaneously.

The swing, lift, dipper, and telescoping sections feature individual work port relief valves for individual breakaway protection.

The cylinder valve shall be protected from falling debris by a cover.

d. **Filtration:**

The unit shall feature a Hydrostat charge loop filter providing a minimum of ISO 4406 class 18/13.

The unit shall also feature a Hydrostat charge suction filter providing a minimum of 100 mesh filtration at full flow.

The control valve filter shall provide a minimum of ISO 4406 class 18/13.

A secondary control pump suction filter shall be featured providing a minimum of 110 mesh filtration at full flow.

High pressure filters shall have bypass indication.

e. **Drive System:**

A telescopic driveline with greaseable universal joints shall be featured to accommodate installation and maintenance.

The driveline shall be hard mounted to engine crankshaft and secured to pump with double-bolt style clamping yoke.

Standard tube diameter shall be at a minimum 2" round with 14-gauge wall thickness.
Ultimate strength of driveline shall be 33,542 inch pound of torque.
A cover shall be featured to provide shielding of high speed rotating parts.

f. Cooling Unit:

The hydraulic system shall contain a self-cleaning oil-to-air cooler with electric fan.
The control fan shall be thermostatically controlled and reversible.

h. Boom Control:

All valve functions are electronically operated by means of a single joystick.
A CAN based data acquisition system for interfacing operator and instrumentation input for optimum hydraulic control shall be featured.
The CAN system shall be comprised of input/output modules, an operator interface and instrumentation.
The CAN system shall provide selectable performance modes for operator customization.
The interface shall provide system diagnostics and fault code memory.
A manual over-ride condition for boom movement shall be featured.

OPERATOR PROTECTION & SAFETY:

The mower cutter head shall have a six-second emergency shut down engaged by the operator from inside the tractor cab. The button shall be located within easy reach for complete power shutoff of motor circuit. The boom controls shall feature a master ON/OFF switch for complete power shutdown. An "Enable" function shall be incorporated into controls to prevent incidental boom movement.
Polycarbonate (Lexan) window protection shall be offered as standard.

MANUALS:

One complete set of manuals for each mower.

**GRAND TOTAL FOR TWO COMPLETE MACHINES
DELIVERED**

\$ _____

**Delivered FOB to: Lee County Fleet Maintenance
2955 Van Buren Street
Ft. Myers, FL**

WARRANTY: Please provide the standard warranty.

List standard warranty: _____

DELIVERY:

Delivery must be scheduled at least twenty-four (24) hours in advance. Please call Bill Prussman @ 239-338-3231 for a delivery time. Delivery days will be Monday thru Thursday 7:30 AM to 5:00 PM.

Deliver unit to:

Lee County Fleet Management
2955 Van Buren Street
Ft. Myers, FL 33916

TO BE DELIVERED WITHIN _____ CALENDAR DAYS AFTER RECEIPT OF AWARD AND PURCHASE ORDER.

FIRM NAME _____

BY (Printed): _____

BY (Signature): _____

TITLE: _____

ADDRESS: _____

PHONE NO.: _____

FAX NO.: _____

ATTACHMENT

INFORMAL QUOTE # IT070105

**LEE COUNTY, FLORIDA
INFORMAL TELEPHONE QUOTATION FOR
THE PURCHASE OF TWO (2) NEW
New Holland Tractors
Model - TS115A -4wd
With
Alamo Industrial
Model - Maverick 24' Boom Mowers**

Vendors:

Lee County wishes to purchase two (2) new New Holland Tractors Model TS115A with Alamo Industrial Mowers Model Maverick 24' Boom Mowers. These units must be new, unused and of the latest model year. The units must come complete with all standard equipment listed below and in first class working condition. There shall be no advertising stickers, logos, etc. of the selling dealer.

BASIS OF AWARD

Award will be by section or overall whichever is in the best interest of Lee County.

Note: Options are not part of the basis of award and will be considered separately.

**Please fill out the following quote and fax it to:
Lee County Purchasing - Attn. Chris Jeffcoat at 239-344-5460
by 5:00 p.m. on Friday December 1, 2006.**

Section I

QUANTITY: TWO
MAKE: New Holland
MODEL: TS115A - Deluxe - 4wd

Post-it Fax Note	7671	Date	12-27-06	Page of pages
To	Norm Lepore	From	Chris Jeffcoat	
Co. Dept.	Creel Tractor	Co.	Lee Co. Proc.	
Phone #		Phone #	239-344-5458	
Fax #	239-6059	Fax #		

COMPLY: YES/NO

- 1. Engine: Standard Diesel powered 115-HP. Yes
- 2. PTO HP: 95 Yes
- 3. Cylinders: 6 Yes
- 4. Transmission: 16 X 16 Autoshift Yes
- 5. Brakes: Hydraulic wet disc Yes
- 6. Cab with A/C Yes
- 7. Power Take Off (PTO): Rear PTO Yes
 - a. RPM: 540/1000 rpm Yes

INFORMAL QUOTE # IT070105

- 8. Main Hydraulic Pump Type: Variable displ. Piston Yes
- 9. Air ride seat Yes
- 10. Wheelbase. in: 104.4 Yes
- 11. Front tires: 10.00 X 16. R-1 Ag Tires 14.9XR24 Yes
- 12. Rear tires: 18.4 X 30 R-1 Ag Tires 18.4XR34 Yes
- 13. One (1) complete set of manuals to cover all components Including: electrical, hydraulic, fuel, brakes, parts, repairs, maintenance, etc. for each tractor. Yes
- 14. Three (3) complete sets of keys for each tractor. Yes

NEEDED OPTIONS:

- | | <u>cost of option</u> |
|---------------------------|------------------------------|
| 1. Rear storage box | \$ <u>145.00</u> |
| 2. Water cooler - mounted | \$ <u>250.00</u> |
| 3. Rotary Beacon Light | \$ <u>125.00</u> |
| 4. AM/FM Radio | \$ <u>205.00</u> |
| 5. Dark tinted windows | \$ <u>500.00</u> |

WARRANTY: Please provide the standard warranty.

List standard warranty: Tractor 24 Months or 2000 Hours

Alamo Boom & Mower - 12 Months.

INFORMAL QUOTE # IT070105

Section II

QUANTITY: TWO

MAKE: Alamo Industrial

Model: Maverick 24' Boom Mower

COMPLY: YES/NO?

1. FRAME & MOUNTING:

This unit frame shall be mid-mounted to underside of tractor utilizing a modular center weldment with front and rear attaching rails. Frame shall be of modular construction from alloy steel and be completely bolted during installation (no welding).

Yes

2. BOOM FEATURES & CAPABILITIES:

a. Boom Features:

Standard boom structure shall be made completely of high strength alloy steel And constructed of a designed, box section geometry, for optimum strength to weight ratio.

The boom shall feature three components; lift, outer dipper and telescopic sections

Main pivots shall utilize 2" chrome pins with greaseable, hardened steel bushings

Yes

b. Boom Movement:

Standard boom functions shall feature horizontal swing, vertical lift, dipper reach, telescopic reach and mower tilt.

Boom swing angle shall be customized per tractor to accommodate cutting within 1' of front tire.

Boom swing shall be a minimum of 180 degrees.

The telescopic reach shall be a minimum of 3' fully extended.

Yes

c. Boom Reach:

The minimum reach up shall meet 21'-10".

The minimum reach out shall meet 24', with telescopic section fully extended.

The minimum reach down shall be 14'-8" below tractor ground level.

Boom mower head shall have the ability to mow horizontally within 6" of the rear tractor tire.

Yes

d. Boom Cutting Head:

The boom shall feature four-bar linkage to allow for 205-degree mowing head rotation.

The cutting head shall feature a hydraulic pivot enabling the head to be transported within 108".

The boom shall feature a 60" heavy-duty rotary cutting head.

Yes

INFORMAL QUOTE # IT070105

3. **OPERATION & POWER:**

a. **Hydraulics:**

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Hydraulic fluid must be of a superior grade with anti-wear additives that conform to ISO A W Viscosity Grade dependent upon local ambient temperatures.

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b. **Hydraulic Reservoir:**

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e. **Drive System:**

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The driveline shall be hard mounted to engine crankshaft and secured to pump with double-bolt style clamping yoke.

INFORMAL QUOTE # IT070105

Standard tube diameter shall be at a minimum 2" round with 14-gauge wall thickness. Ultimate strength of driveline shall be 33,542 inch pound of torque. A cover shall be featured to provide shielding of high speed rotating parts.

Yes

f. Cooling Unit:

The hydraulic system shall contain a self-cleaning oil-to-air cooler with electric fan. The control fan shall be thermostatically controlled and reversible.

Yes

h. Boom Control:

All valve functions are electronically operated by means of a single joystick. A CAN based data acquisition system for interfacing operator and instrumentation input for optimum hydraulic control shall be featured. The CAN system shall be comprised of input/output modules, an operator interface and instrumentation. The CAN system shall provide selectable performance modes for operator customization. The interface shall provide system diagnostics and fault code memory. A manual over-ride condition for boom movement shall be featured.

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Yes

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Yes

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\$ 209,244.00

Delivered FOB to: Lee County Fleet Maintenance
2955 Van Buren Street
Ft. Myers, FL

\$104,622.00/each

WARRANTY: Please provide the standard warranty.

List standard warranty:

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Deliver unit to:

Lee County Fleet Management
2955 Van Buren Street
Ft. Myers, FL 33916

INFORMAL QUOTE # IT070105

TO BE DELIVERED WITHIN 5-7 Days #1 CALENDAR DAYS AFTER RECEIPT OF AWARD AND
PURCHASE ORDER. 30 Days #2

FIRM NAME Creel Tractor Co.

BY (Printed): Mark H. Creel

BY (Signature): *Mark H. Creel*

TITLE: President

ADDRESS: 3771 Palm Beach Blvd.

Ft. Myers, FL 33916

PHONE NO.: 239-694-2185

FAX NO.: 239-694-6059

mark@creeltractor.com