

REND LAKE CONSERVANCY DISTRICT

18 TON BOOM TRUCK VEHICLE PURCHASE

BID SPECIFICATIONS

July 2014

INDEX

Page #	Item
1	Notice to Bidders
2	Bid Procedures & General Requirements
3	Vehicle Description Eighteen Ton max capacity Boom Truck
4	Vehicle Description Continued
5	Warranty and Add-ons
	Attachments
	Bid Form

**REND LAKE CONSERVANCY DISTRICT
NOTICE TO BIDDERS
VEHICLE PURCHASES**

The Rend Lake Conservancy District is accepting bids for vehicle purchases of eighteen ton Boom truck Bid documents are available from the RLCD Administrative Office at 11231 Marcum Branch Road in Benton, Illinois 62812, 618-439-4321. Bids are due at 11:00 A.M. on Friday, August 15, 2014. Any questions shall be directed to Leonard Killman, Water Superintendent.

BID PROCEDURES & GENERAL REQUIREMENTS

BID PROCEDURE

Bids are to be submitted in sealed envelopes marked as follows:

"Boom Truck Bid– August 15th Bid Opening"

Bids are to be submitted on the attached bid form to:

RLCD Administrative Office
Attn: Leonard Killman
11231 Marcum Branch Road
P.O. Box 907
Benton, IL 62812

BID AWARD

The bid will be awarded to the lowest, responsive, responsible bidder. The Rend Lake Conservancy District reserves the right to reject any or all bids, to waive any informalities in the bid procedure, and to accept the bid considered to be in the best interest of the District.

BID BOND, PERFORMANCE BOND, PAYMENT BOND, AND CONTRACT

A Bid Bond is not required. Performance and Payment Bonds are not required.

A Contract is not required.

DELIVERY

Delivery shall be made to:

Rend Lake Conservancy District
Intercity Water System
11228 Marcum Branch Road
Benton, IL 62812

Delivery time shall be included on bid sheet. Delivery cost shall be included in the bid price.

BID PROCEDURES & GENERAL REQUIREMENTS

EQUIPMENT SPECIFICATIONS

The bidder shall provide a full set of Equipment Specifications for the unit being bid. The Equipment Specifications will be used to determine compliance with the intent of these bid specifications.

SERVICE MANUALS

Two full sets of Operating and Maintenance Manuals shall be supplied with the vehicle.

PRODUCT SUBSTITUTIONS

Bidders may propose substitutions to the products listed in the bid specifications. Proposed substitutions shall be clearly identified on the Bid Form. Proposals shall include catalogue cuts, manufacturer's recommendations, and specifications. The District reserves the right to use proposed substitutions at the District's sole discretion.

PAYMENT

Payment will be made after receipt of Equipment, Manuals and invoice.

TAXES

The vehicles included in this bid are exempt from Illinois State Sales Tax. The owner will supply a copy of the Tax Exemption Letter when requested.

DEFAULT OF CONTRACT

Failure to make delivery by the specified date may result in revocation of the bid award.

QUESTIONS

Bidders may contact Leonard Killman at 618-629-4394 extension 222 with questions about the bid. Only those questions addressed in a written addendum to all bidders shall be considered to modify these bid specifications.

VEHICLE DESCRIPTION

18 Ton Max Capacity Boom Truck

DESCRIPTION

The intent of this bid is to acquire a new vehicle with an Altec AC18-70B, Hydraulic Telescopic Crane or equivalent. Other vehicles that meet or exceed these specifications will be considered. High quality, low mileage and low operating hour older vehicles meeting these specifications (including Warranty) may be considered.

Chassis (All installations must be approved by Altec or approved equal boom supplier)

2013 or newer model year (if older must note year on bid sheet)

Conventional Cab

Gross Vehicle Weight Rating 48,000 lb

Front Axle Weight Rating 14,000 lb

Rear Axle Rating 34,000 lb

Rear Axle Tandem

Minimum Vehicle to Curb Weight for Stability; Front Axle 10,200 lbs., Rear Axle 26,800 lbs.

Minimum of 230 HP Engine

Cab to Axle; 169"

Wheel Base 238"

Air Brakes

Body

Flatbed steel construction, with stake pockets, H style Boom Rest, removable,

Body and Chassis Accessories

Standard Mud Flap Installation, installed behind rear wheels

Access to bed by some form, ladder or walk thru control station

T-125 Style Pintle Hitch (30,000 LB MGTW with 6000 LB MVL)

Set of D-Rings for Trailer Safety Chain, installed one each side of towing device mount

Glad Hands at Rear, Straight type

Outrigger Pads, 24" x24" x3" with Rope handles total of 5

Out rigger pad Holders with pendulum retainer

Wheel Chocks, Rubber with metal hairpin style handle, pair,

Custom Wheel Chock Holder, one each side under flatbed

5 LB Fire Extinguisher with Light Duty Bracket, installed

Underside Protection

Electrical Accessories

FMVSS 108 kit, installed

Dual tone Back-Up with Outrigger Motion Alarm

PTO Hour Meter, 10,000 hour display

7-Way Trailer Receptacle (Pin Type) installed at Rear

Electric Trailer Brake Controller (Kelsey Hayes #81741 or equivalent)

Finishing Details

Non Skid Paint applied to all walking surfaces.

English Safety and Instructional Decals

Vehicle Height Placard installed in Cab

Stability Test Unit According to ANSI Requirements

Crane Unit

Altec Model AC 18-70B, Hydraulic Telescopic Crane with Standard Specifications included.

- 36,000 lb (16,330 kg) Maximum Lifting Capacity (minimum 10,000 lb. @20' load radius as rigged)
- 70 ft (21.3 m) 3-Section Non-Insulated Boom
- 80 ft (24.4 m) Maximum Sheave Height
- Stowed Travel Height of 12.8 ft (3.9 m)
- Vehicle Travel Length of 38 ft (11.6 m)
- Outriggers;
 - Primary – Walking Beam
 - Auxiliary – Modified A-Frame
- Hydraulic Pilot-Operated Control System
- Life Cycle Tested for Reliability
- Altec LMAP (Load Moment & Area Protection) System
- Rated Capacity Limiter
- Displays: Boom Length, Boom Angle, Load on Hook, Percent of Rated Capacity
- Electronic Working Area Definition
- Operator Defined Audible Alarm Set-Points for Boom Angle, Length and Rotational Position
- Outrigger Boom Interlock System
- Outrigger Motion Alarm
- Back-Up Alarm
- Emergency Stop at Operator Controls
- Anti-Two Block Device

Additional Boom Unit Specifications

Non-continuous 370 Degree, (front outrigger required) minimum

Dual Control Station, installed

70 gallon reservoir, installed

Front Bumper Outrigger, with electrical switch control on outrigger

Unit and Hydraulic Accessories

Standard pump for PTO

Electric over Hydraulic Outrigger Controls-

Manuals

Must include 2 operators manuals, 2 Complete Parts and Maintenance manuals, and one 1 Operational and Safety DVD for training purposes.

Warranty:

Minimum 1 year parts and Labor Warranty, 5 year Structural Warranty on booms, hydraulic cylinder structures, outrigger weldments, pedestals, subbases and turntables

Add-ons

The following items are to be add-ons. Please give cost including installation on bid sheet in space provided.

Platform, 2-man steel, 600 lb. Capacity with fall protection

Radio Remote controls

BID FORM

I/We agree to provide the equipment described in the Bid Specifications titled "Rend Lake Conservancy District, "18 TON BOOM TRUCK VEHICLE PURCHASE" at the following price(s):

ITEM

TOTAL COST

18 TON BOOM TRUCK COMPLETE

ADD-ONS

Platform, 2-man 600 lb Capacity w/ Fall protection

Radio Remote controls

EXPECTED DELIVERY DATE

Company Name & Address

Phone _____

Fax _____

Signature _____

Print Name _____