

**IT IS THE VENDOR'S RESPONSIBILITY TO CHECK
FOR ADDENDUMS PRIOR TO SUBMITTING PROPOSALS**

NOTICE TO BIDDERS SPECIFICATION NO. 07-047

The City of Lincoln, Nebraska intends to Outright Purchase, or enter into a three (3) or five (5) year Conditional Sales Contract and invites you to submit a sealed bid for:

GOLF COURSE TYPE EQUIPMENT

Sealed bids will be received by City of Lincoln, Nebraska on or before **12:00 noon Wednesday, January 31, 2007**, in the office of the Purchasing Agent, **"K" Street Complex (SW Wing), Suite 200, 440 So. 8th Street**, Lincoln, NE 68508. Bids will be publicly opened and read aloud in the First Floor Conference Room at the "K" Street Complex.

Bid specification may be downloaded from the City's website at www.lincoln.ne.gov Keyword: Bid, select current year, select bid specification. Prospective submitters must monitor the bid listing for any addendums.

A Pre-bid will be held on **January 18, 2007 at 10:00 a.m.** in the Purchasing Bid Conference Room located in **the lower level of the "K" Street Complex (SW Wing), Suite 200, 440 So. 8th Street**, Lincoln, NE 68508.

Bidders should take caution if U.S. mail or mail delivery services are used for the submission of bids. Mailing should be made in sufficient time for bids to arrive in the Purchasing Division, prior to the time and date specified above. Late bid will not be considered.

**GOLF COURSE TYPE EQUIPMENT
 BID OPENING DATE
 Wednesday, January 31, 2007, 12:00 NOON**

The undersigned bidder, having full knowledge of the requirements of the City of Lincoln for the below listed items and the contract documents (which include Notice to Bidders, Instructions to Bidders, this Proposal, Specifications, Contract, and any and all addenda) and all other conditions of the Proposal, agrees to **SELL** to the City the below listed items for the performance of this Specification, complete in every respect, in strict accordance with the contract documents at and for unit prices listed below.

ADDENDA RECEIPT: The receipt of addenda to the specification numbers ____ through ____ are hereby acknowledged. Failure of any bidder to receive any addendum or interpretation of the specifications shall not relieve the bidder from any obligations specified in the bid request. All addenda shall become part of the final contract document.

BIDDING SCHEDULE

<u>Item No.</u>	<u>Item Description</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
1.	109" Rotary Riding Mower	1 ea.	\$ _____	\$ _____
	Mfg. _____ Model _____			
1.1	OPTIONS:			
	1.1.1 Four post ROPS with canopy		_____ /ea.	
	1.1.2 Light kit to include two (2) front working lights, one (1) rear working light.		_____ /ea.	
2.	132" Front-Line 60 HP Rotary Riding Mower	3 ea.	\$ _____	\$ _____
	Mfg. _____ Model _____			
2.1	OPTIONS:			
	2.1.1 Two-post ROPS		_____ /ea	
	2.1.2 Canopy		_____ /ea.	
	2.1.3 Headlights		_____ /ea.	
	2.1.4 Hydraulic oil leak detection system		_____ /ea.	
	2.1.5 Hydraulic broom		_____ /ea.	
3.	150" Rotary Riding Mower	1 ea.	\$ _____	\$ _____
	Mfg. _____ Model _____			
3.1	OPTIONS:			
	3.1.1 Four-post ROPS with canopy		_____ /ea.	
	3.1.2 Canopy		_____ /ea	
	3.1.3 Light kit to include two (2) front working lights, one (1) rear working light.		_____ /ea.	

<u>Item No.</u>	<u>Item Description</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
4.	Lightweight Fairway Mower	4 ea.	\$ _____	\$ _____
	Mfg. _____ Model _____			
4.1	OPTIONS:			
	4.1.1 Grass collection baskets		_____ /ea.	
	4.1.2 Light kit		_____ /ea.	
	4.1.3 ROP with seat belt		_____ /ea.	
	4.1.4 Canopy		_____ /ea.	
	4.1.5 Hydraulic leak detection system		_____ /ea.	
	4.1.6 Mounted spare front tire and wheel		_____ /ea.	
	4.1.7 Mounted spare rear tire and wheel		_____ /ea.	
	4.1.8 Front and rear roller scrapers		_____ /ea.	
	4.1.9 6.5" diameter reels		_____ /ea.	
	4.1.10 Extra set of similar cutting units		_____ /ea.	
	4.1.11 Rotating rear roller brush		_____ /ea.	
5.	Aerator	2 ea.	\$ _____	\$ _____
	Mfg. _____ Model _____			
6.	Greens Mower	7 ea.	\$ _____	\$ _____
	Mfg. _____ Model _____			
6.1	OPTIONS:			
	6.1.1 Groomers, per set of three		_____ /ea.	
	6.1.2 TPS hydraulic oil leak detection system		_____ /ea.	
	6.1.3 Armrest set		_____ /ea.	
	6.1.4 Set of verticut heads		_____ /ea.	
	6.1.5 Spare tire mounted on rim		_____ /ea.	
	6.1.6 Light kit		_____ /ea.	
	6.1.7 Single point adjustment		_____ /ea.	
	6.1.8 Swaged front, smooth rear rollers		_____ /ea.	
	6.1.9 Rear roller scraper kit		_____ /ea.	
	6.1.10 Back lapping kit		_____ /ea.	
	6.1.11 Extra cutting units as per spec. 2.8		_____ /ea.	
	6.1.12 One set of spikers		_____ /ea.	

Company Name _____

<u>Item No.</u>	<u>Item Description</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
7.	72" Front-Line Rotary Riding Mower	3 ea.	\$ _____	\$ _____
	Mfg. _____ Model _____			
7.1	OPTIONS:			
7.1.1	Light kit to include two (2) front working lights, one (1) rear working light.		_____ /ea.	
7.1.2	Manufacturers recommended drive wheel and rear weights for use with snow blower or broom.		_____ /ea.	
7.1.3	Fixed angle 58 inch rotary broom designed for snow removal with mounting kit with accessories		_____ /ea.	
7.1.4	72 inch rear discharge cutting deck in lieu of side discharge per spec		_____ /ea.	
7.1.5	30 cubic foot trailer type grass collection system with a minimum 5 hp gasoline powered vacuum engine complete with mounting kit and accessories		_____ /ea.	
7.1.6	72" mulching deck in lieu of 72" side discharge deck		_____ /ea.	
7.1.7	72" Lastec Articulator Deck Model #325EF, with 3" lift cylinders in lieu of 72" side discharge deck		_____ /ea.	
7.1.8	72" Lastec Articulator Deck Model #325EF (separate)		_____ /ea.	
	Note: All attachment equipment must be completely assembled and installed by the successful bidder prior to the appropriate season			
8.	Riding Sand Trap Rake	2 ea.	\$ _____	\$ _____
	Mfg. _____ Model _____			
8.1	OPTIONS:			
8.1.1	Spring tine toolbar		_____ /ea.	
8.1.2	Drag mat with carrier and all necessary hardware		_____ /ea.	
8.1.3	Hydraulic blade lift control for front blade		_____ /ea.	
8.1.4	Rear tooth rake		_____ /ea.	
8.1.5	Rear spring rake		_____ /ea.	
8.1.6	Rear spiker		_____ /ea.	
8.1.7	Hydraulic flex blade		_____ /ea.	
8.1.8	Blower and pump		_____ /ea.	

<u>Item No.</u>	<u>Item Description</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
9.	Tri-Plex Tee Mower	2 ea.	\$ _____	\$ _____
	Mfg. _____ Model _____			
9.1	OPTIONS:			
9.1.1	Grass catcher for all three cutting unit		_____ /ea.	
9.1.2	Light kit		_____ /ea.	
9.1.3	Mounted front and rear spare		_____ /ea.	
9.1.4	Back lapping kit		_____ /ea.	
9.1.5	Vertical mower units		_____ /ea.	
9.1.6	Smooth 20x10 1- ply tires		_____ /ea.	
9.1.7	Set of three 11 blade cutting units, height of cut 3/16" and lower		_____ /ea.	
9.1.8	Briggs & Stratton Vanguard V-Twin, 4 cycle, 2 cylinder OHV with 18 hp minimum @ 3200 rpm		_____ /ea.	
10.	Precision Trim Mower	3 ea.	\$ _____	\$ _____
	Mfg. _____ Model _____			
10.1	OPTIONS:			
10.1.1	Mulching kit		_____ /ea.	
10.1.2	Light kit		_____ /ea.	
10.1.3	Mounted front and rear tire		_____ /ea.	
10.1.4	20x10-10 4 ply rear tire		_____ /ea.	
10.1.5	20x12-10 4 ply turf traction front tire		_____ /ea.	
11.	Turf Utility Vehicle	4 ea.	\$ _____	\$ _____
	Mfg. _____ Model _____			
11.1	OPTIONS:			
11.1.1	200 gallon capacity poly tank		_____ /ea.	
11.1.2	18.5' dry boom, 4 way hinge with guard		_____ /ea.	
11.1.3	Dual diaphragm pump		_____ /ea.	
11.1.4	6.5 gallon fresh water tank		_____ /ea.	
11.1.5	Electronic control		_____ /ea.	
11.1.6	Operator and parts manuals for sprayer		_____ /ea.	
11.1.7	Foam marker		_____ /ea.	
11.1.8	Electric boom lift		_____ /ea.	
11.1.9	Canopy		_____ /ea.	
11.1.10	Ty-Crop Pro-Pass 180 or equivalent		_____ /ea.	

Company Name _____

<u>Item No.</u>	<u>Item Description</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
12.	Flail Mower Mfg. _____ Model _____	1 ea.	\$ _____	\$ _____
13.	Reel Grinder Mfg. _____ Model _____	1 ea.	\$ _____	\$ _____
14.	Equipment Lift Mfg. _____ Model _____	4 ea.	\$ _____	\$ _____
15.	Total Outright Purchase less options			\$ _____
16.	Trade-in	All items		\$ _____
17.	Grand Total Cost, less options			\$ _____
		Rate Factor	Interest Rate	Payment Amount
18.	CSC - three (3) year	_____	_____	_____
19.	CSC - five (5) year	_____	_____	_____

BID SECURITY REQUIRED: XX YES, 5% Amount

AFFIRMATIVE ACTION PROGRAM: Successful bidder will be required to comply with the provisions of the City's Affirmative Action Policy (Contract Compliance, Sec. 1.16). The Equal Opportunity Officer will determine compliance or non-compliance with the City's policy upon a complete and substantial review of successful bidder's equal opportunity policies, procedures and practices.

The undersigned signatory for the bidder represents and warrants that he has full and complete authority to submit this proposal to the City, and to enter into a contract if this proposal is accepted.

**NOTE: RETURN 2 COMPLETE COPIES OF BID OFFER AND SUPPORTING MATERIAL.
MARK OUTSIDE OF BID ENVELOPE AS FOLLOWS:
SEALED BID FOR SPEC. NO. 07-047, AS WELL AS COMPANY NAME AND ADDRESS.**

The undersigned signatory of the bidder represents and warrants that he has full and complete authority to submit this offer to City of Lincoln, and to enter into a contract if this offer is accepted.

COMPANY NAME

BY (Signature)

STREET ADDRESS or P.O. BOX

(Print Name)

CITY, STATE ZIP CODE

(Title)

TELEPHONE No. FAX No.

(Date)

E-MAIL ADDRESS

ESTIMATED DELIVERY DAYS

Bids may be inspected in the Purchasing Division during normal business hours after tabulation and review by a Purchasing Agent. Bid tabulations can be viewed on our website at: lincoln.ne.gov Keyword: Bid The Intent to Award will be listed on the website when a recommendation is received from the Department.

TRADE-IN/PURCHASE OF GOLF COURSE TYPE EQUIPMENT

BID OPENING DATE

Wednesday, Date January 31, 2007, 12:00 NOON

The undersigned bidder, having full knowledge of the requirements of the City of Lincoln for the below listed items and the contract documents (which include Notice to Bidders, Instructions to Bidders, this Proposal, Specifications, Contract, and any and all addenda) and all other conditions of the Proposal, agrees to **PURCHASE** from the City the below listed items for the performance of this Specification, complete in every respect, in strict accordance with the contract documents at and for unit prices listed below.

ADDENDA RECEIPT: The receipt of addenda to the specification numbers ____ through ____ are hereby acknowledged. Failure of any bidder to receive any addendum or interpretation of the specifications shall not relieve the bidder from any obligations specified in the bid request. All addenda shall become part of the final contract document.

BIDDING SCHEDULE

	<u>Purchase Price</u>
Ager Golf Course contact Jay Tussing 441-8962	
7.2.1.1 1999 Ransome G-Plex II (1 ea.)	\$ _____
7.2.1.2 1998 Ransome 728 Rotary (1 ea.)	\$ _____
 Pioneers Golf Course contact Brian Hammer 441-8968	
7.2.2.1 2002 Toro 455-D (1 ea.)	\$ _____
7.2.2.2 2002 Cushman Truckster (1 ea.)	\$ _____
7.2.2.3 2002 Cushman Truckster (1 ea.)	\$ _____
7.2.2.4 2002 Turfco Topdresser (1 ea.)	\$ _____
7.2.2.5 2002 Jacobsen Turfcut (1 ea.)	\$ _____
7.2.2.6 2002 Jacobsen Turfcut (1 ea.)	\$ _____
7.2.2.7 2002 Jacobsen Turfcut (1 ea.)	\$ _____
7.2.2.8 2002 Toro 3100 – D (1 ea.)	\$ _____
7.2.2.9 2002 Jacobsen LF 3400 (1 ea.)	\$ _____
7.2.2.10 2002 Jacobsen LF 3400 (1 ea.)	\$ _____
7.2.2.11 2005 Jacobsen G-Plex III (1 ea.)	\$ _____
7.2.2.12 2005 Jacobsen G-Plex III (1 ea.)	\$ _____
 Highlands Golf Course contact Jeff Gasseling 441-6080	
7.2.3.1 2005 Jacobsen G-Plex III (1 ea.)	\$ _____
7.2.3.2 2005 Jacobsen G-Plex III (1 ea.)	\$ _____
7.2.3.3 2005 Jacobsen G-Plex III (1 ea.)	\$ _____
7.2.3.4 2002 Jacobsen Sand Rack (1 ea.)	\$ _____
7.2.3.5 2002 Jacobsen Sand Rack (1 ea.)	\$ _____
7.2.3.6 2002 Jacobsen 628 – D (1 ea.)	\$ _____
7.2.3.7 2002 Jacobsen 628 – D (1 ea.)	\$ _____
7.2.3.8 2002 Jacobsen LF 3400 (1 ea.)	\$ _____
7.2.3.9 2002 Jacobsen LF 3400 (1 ea.)	\$ _____
7.2.3.10 2002 Toro 455 – D (1 ea.)	\$ _____
7.2.3.11 2002 Toro 455 – D (1 ea.)	\$ _____
7.2.3.12 2002 Turfco Topdresser (1 ea.)	\$ _____
7.2.3.13 2002 Lastec 325 EFJ (1 ea.)	\$ _____
7.2.3.14 2002 Lastec 325 EFJ (1 ea.)	\$ _____
7.2.3.15 2002 John Deere Gator (1 ea.)	\$ _____
7.2.3.16 2002 John Deere Gator (1 ea.)	\$ _____
7.2.3.17 2002 John Deere Gator (1 ea.)	\$ _____
7.2.3.18 2002 John Deere Gator (1 ea.)	\$ _____

BID SECURITY REQUIRED: XX YES, 5% Amount

AFFIRMATIVE ACTION PROGRAM: Successful bidder will be required to comply with the provisions of the City's Affirmative Action Policy (Contract Compliance, Sec. 1.16). The Equal Opportunity Officer will determine compliance or non-compliance with the City's policy upon a complete and substantial review of successful bidder's equal opportunity policies, procedures and practices.

The undersigned signatory for the bidder represents and warrants that he has full and complete authority to submit this proposal to the City, and to enter into a contract if this proposal is accepted.

**NOTE: RETURN 2 COMPLETE COPIES OF BID OFFER AND SUPPORTING MATERIAL.
MARK OUTSIDE OF BID ENVELOPE AS FOLLOWS:
SEALED BID FOR SPEC. NO. 07-047, AS WELL AS COMPANY NAME AND ADDRESS.**

The undersigned signatory of the bidder represents and warrants that he has full and complete authority to submit this offer to City of Lincoln, and to enter into a contract if this offer is accepted.

COMPANY NAME

BY (Signature)

STREET ADDRESS or P.O. BOX

(Print Name)

CITY, STATE ZIP CODE

(Title)

TELEPHONE No. FAX No.

(Date)

E-MAIL ADDRESS

ESTIMATED DELIVERY DAYS

Bids may be inspected in the Purchasing Division during normal business hours **after** tabulation and review by a Purchasing Agent. Bid tabulations can be viewed on our website at: lincoln.ne.gov Keyword: Bid The Intent to Award will be listed on the website when a recommendation is received from the Department.

INSTRUCTIONS TO BIDDERS

CITY OF LINCOLN, NEBRASKA

1. BIDDING PROCEDURE

- 1.1 Bidder shall submit one (1) complete set of the bid documents and all supporting material, unless otherwise stipulated. All appropriate blanks shall be completed. Any interlineation, alteration or erasure on the specification document shall be initialed by the signer of the bid. Bidder shall not change the proposal form nor make additional stipulations on the specification document. Any amplified or qualifying information shall be on the bidder's letterhead and firmly attached to the specification document.
- 1.2 Bid prices shall be submitted on the Proposal Form included in the bid document.
- 1.3 Bidders may submit a bid on an "all or none" or "lump sum" basis, but should also submit a quotation on an item-by-item basis. Bidding documents shall be clearly marked indicating the kind of proposal being submitted.
- 1.4 Any person signing a bid for a firm, corporation, or other organization must show evidence of his authority so to bind such firm, corporation, or organization.
- 1.5 Bids received after the time and date established for receiving bids will be rejected.
- 1.6 If bidding on a Construction Contract, the City of Lincoln's Standard Specifications for Municipal Construction 2006 shall apply.
 - 1.6.1 Bidders may obtain this document from the City's Design Engineering Division of Public Works & Utilities for a small fee.
 - 1.6.2 Said document can be reviewed at Design Engineering or the Purchasing Division.
 - 1.6.3 The Standard Conditions are available on the web site.
<http://www.lincoln.ne.gov/city/pworks/engine/dconst/standard/stndspec/index.htm>

2. BIDDER'S SECURITY

- 2.1 Bid security, as a guarantee of good faith, in the form of a certified check, cashier's check, or bidder's bond, may be required to be submitted with this bid document, as indicated on the Proposal Form.
- 2.2 If alternates are submitted, only one bid security will be required, provided the bid security is based on the amount of the highest gross bid.
- 2.3 Such bid security will be returned to the unsuccessful bidders when the award of bid is made.
- 2.4 Bid security will be returned to the successful bidder(s) as follows:
 - 2.4.1 For single order bids with specified quantities: upon the delivery of all equipment or merchandise, and upon final acceptance by the City.
 - 2.4.2 For all other contracts: upon approval by the City of the executed contract and bonds.
- 2.5 City shall have the right to retain the bid security of bidders to whom an award is being considered until either:
 - 2.5.1 A contract has been executed and bonds have been furnished.
 - 2.5.2 The specified time has elapsed so that the bids may be withdrawn.
 - 2.5.3 All bids have been rejected.
- 2.6 Bid security will be forfeited to the City as full liquidated damages, but not as a penalty, for any of the following reasons, as pertains to this specification document:
 - 2.6.1 If the bidder fails to deliver the equipment or merchandise in full compliance with the accepted proposal and specifications.
 - 2.6.2 If the bidder fails or refuses to enter into a contract on forms provided by the City, and/or if the bidder fails to provide sufficient bonds or insurance within the time period as established in this specification document.

3. BIDDER'S REPRESENTATION

- 3.1 Each bidder by signing and submitting a bid, represents that the bidder has read and understands the specification documents, and the bid has been made in accordance therewith.
- 3.2 Each bidder for services further represents that the bidder has examined and is familiar with the local conditions under which the work is to be done and has correlated the observations with the requirements of the bid documents.

4. CLARIFICATION OF SPECIFICATION DOCUMENTS

- 4.1 Bidders shall promptly notify the Purchasing Agent of any ambiguity, inconsistency or error which they may discover upon examination of the specification documents.
- 4.2 Bidders desiring clarification or interpretation of the specification documents shall make a written request which must reach the Purchasing Agent at least five (5) calendar days prior to the date and time for receipt of bids.

- 4.3 Changes made to the specification documents will be made by written addenda to all known prospective bidders and posted on the City-County website at lincoln.ne.gov Keyword - Bid.
- 4.4 Oral interpretations or changes to the Specification Documents made in any other manner, will not be binding on the City; and bidders shall not rely upon such interpretations or changes.

5. ADDENDA

- 5.1 Addenda are written instruments issued by the City prior to the date for receipt of bids which modify or interpret the specification document by addition, deletion, clarification or correction.
- 5.2 Copies of addenda will be made available for inspection at the office of the Purchasing Agent and on the City-County website.
- 5.3 No addendum will be issued later than forty-eight (48) hours prior to the date and time for receipt of bids, except an addendum withdrawing the invitation to bid, or an addendum which includes postponement of the bid.
- 5.4 Bidders shall ascertain prior to submitting their bid that they have received all addenda issued, and they shall acknowledge receipt of addenda on the proposal form.

6. INDEPENDENT PRICE DETERMINATION

- 6.1 By signing and submitting this bid, the bidder certifies that the prices in this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor; unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder prior to bid opening directly or indirectly to any other bidder or to any competitor; no attempt has been made, or will be made, by the bidder to induce any person or firm to submit, or not to submit, a bid for the purpose of restricting competition.

7. ANTI-LOBBYING PROVISION

- 7.1 During the period between the bid advertisement date and the contract award, bidders, including their agents and representatives, shall not lobby or promote their bid with any member of the City Council or City Staff except in the course of City-sponsored inquiries, briefings, interviews, or presentations, unless requested by the City.

8. BRAND NAMES

- 8.1 Wherever in the specifications or proposal form brand names, manufacturer, trade name, or catalog numbers are specified, it is for the purpose of establishing a grade or quality of material only; and the term "or equal" is deemed to follow.
- 8.2 It is the bidder's responsibility to identify any alternate items offered in the bid, and prove to the satisfaction of the City that said item is equal to, or better than, the product specified.
- 8.3 Bids for alternate items shall be stated in the appropriate brand on the proposal form, or if the proposal form does not contain blanks for alternates, bidder MUST attach to the specification documents on Company letterhead a statement identifying the manufacturer and brand name of each proposed alternate, plus a complete description of the alternate items including illustrations, performance test data and any other information necessary for an evaluation. The bidder must indicate any variances by item number from the specification document no matter how slight. Bidder must fully explain the variances from the specification document, since brochure information may not be sufficient.
- 8.4 If variations are not stated in the proposal, it will be assumed that the item being bid fully complies with the City's specifications.

9. DEMONSTRATIONS/SAMPLES

- 9.1 Bidders shall demonstrate the exact item(s) proposed within seven (7) calendar days from receipt of such request from the City.
- 9.2 Such demonstration can be at the City delivery location or a surrounding community.
- 9.3 If bidder does not have an item in the area, it will be at the bidder's expense to send appropriate City personnel to the nearest location to view and inspect proposed item(s).
- 9.4 If items are small and malleable, the bidder is proposing an alternate product, the bidder MUST supply a sample of the exact item. Samples will be returned at bidder's expense after receipt by the City of acceptable goods. Bidders must indicate how samples are to be returned.

10. DELIVERY (Non-Construction)

- 10.1 Each bidder shall state on his proposal form the date upon which he can make delivery of all equipment or merchandise.
- 10.2 The City reserves the right to cancel orders, or any part thereof, without obligation, if delivery is not made within the time(s) specified on the proposal form.

- 10.3 All bids shall be based upon **inside** delivery of the equipment/ merchandise F.O.B. the City at the location specified by the City, with all transportation charges paid.
- 10.4 At the time of delivery, a designated City of Lincoln employee will sign the invoice/packing slip. The signature will only indicate that the order has been received and the items actually delivered agree with the delivery invoice. This signature does not indicate all items met specifications, were received in good condition and/or that there is not possible hidden damage or shortages.

11. WARRANTIES, GUARANTEES AND MAINTENANCE

- 11.1 Copies of the following documents must accompany the bid proposal for all items being bid:
 - 11.1.1 Manufacturer's warranties and/or guarantees.
 - 11.1.2 Bidder's maintenance policies and associated costs.
- 11.2 As a minimum requirement of the City, the bidder will guarantee in writing that any defective components discovered within a one (1) year period after the date of acceptance shall be replaced at no expense to the City. Replacement parts of defective components shall be shipped at no cost to the City. Shipping costs for defective parts required to be returned to the bidder shall be paid by the bidder.

12. ACCEPTANCE OF MATERIAL

- 12.1 All components used in the manufacture or construction of materials, supplies and equipment, and all finished materials, shall be new, the latest make/model, of the best quality, and the highest grade workmanship.
- 12.2 Material delivered under this proposal shall remain the property of the bidder until:
 - 12.2.1 A physical inspection and actual usage of this material is made and found to be acceptable to the City; and
 - 12.2.2 Material is determined to be in full compliance with the specifications and accepted proposal.
- 12.3 In the event the delivered material is found to be defective or does not conform to the specification documents and accepted proposal, then the City reserves the right to cancel the order upon written notice to the bidder and return materials to the bidder at bidder's expense.
- 12.4 Successful bidder shall be required to furnish title to the material, free and clear of all liens and encumbrances, issued in the name of the City of Lincoln, Nebraska, as required by the specification documents or purchase orders.
- 12.5 Selling dealer's advertising decals, stickers or other signs shall not be affixed to equipment. Vehicle mud flaps shall be installed blank side out with no advertisements. Manufacturer's standard production forgings, stampings, nameplates and logos are acceptable.

13. BID EVALUATION AND AWARD

- 13.1 The signed bid proposal shall be considered an offer on the part of the bidder. Such offer shall be deemed accepted upon issuance by the City of purchase orders, contract award notifications, or other contract documents appropriate to the work.
- 13.2 No bid shall be modified or withdrawn for a period of ninety (90) calendar days after the time and date established for receiving bids, and each bidder so agrees in submitting the bid.
- 13.3 In case of a discrepancy between the unit prices and their extensions, the unit prices shall govern.
- 13.4 The bid will be awarded to the lowest responsible, responsive bidder whose proposal will be most advantageous to the City, and as the City deems will best serve it's requirements.
- 13.5 The City reserves the right to accept or reject any or all bids; to request rebids; to award bids item-by-item, with or without alternates, by groups, or "lump sum"; to waive minor irregularities in bids; such as shall best serve the requirements and interests of the City.
- 13.6 In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit additional information as deemed necessary by the City. Failure to provide the information requested to make this determination may be grounds for a declaration of non-responsive with respect to the Bidder.
- 13.7 The City reserves the right to reject irregular bids that contain unauthorized additions, conditions, alternate bids, or irregularities that make the Bid Proposal incomplete, indefinite or ambiguous.

14. INDEMNIFICATION

- 14.1 The bidder shall indemnify and save harmless the City of Lincoln, Nebraska from and against all losses, claims, damages, and expenses, including, attorney's fees arising out of or resulting from the performance of the contract that results in bodily injury, sickness, disease, death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom and is caused in whole or in part by the Bidder, any subcontractor, any directly or indirectly employed by any of them or anyone for whose acts any of them may be liable. This section will not require the Bidder to indemnify or hold harmless the City of Lincoln for any losses, claims damages, and expenses arising out of or resulting from the sole negligence of the City of Lincoln, Nebraska.
- 14.2 In any and all claims against the City or any of its members, officers or employees by an employee of the bidder, any subcontractor, anyone directly or indirectly employed by any of them or by anyone for whose acts made by any of them may be liable, the indemnification obligation under paragraph 13.1 shall not be limited in any way by any limitation of the amount or type of damages, compensation or benefits payable by or for the bidder or any subcontractor under worker's or workmen's compensation acts, disability benefit acts or other employee benefit acts.

15. TERMS OF PAYMENT

- 15.1 Unless stated otherwise, the City will begin processing payment within thirty (30) calendar days after all labor has been performed and all equipment or other merchandise has been delivered, and all such labor and equipment and other materials have met all contract specifications.

16. LAWS

- 16.1 The Laws of the State of Nebraska shall govern the rights, obligations, and remedies of the Parties under this proposal and any agreement reached as a result of this process.
- 16.2 Bidder agrees to abide by all applicable State and Federal laws and regulations concerning the handling and disclosure of private and confidential information concerning individuals and corporations as to inventions, copyrights, patents and patent rights.

17. AFFIRMATIVE ACTION

- 17.1 The City of Lincoln-Lancaster County Purchasing Division provides equal opportunity for all bidders and encourages minority businesses and women's business enterprises to participate in our bidding process.

18. LIVING WAGE

- 18.1 The bidders agree to pay all employees employed in the performance of this contract, a base wage of not less than the City Living Wage per section 2.81 of the Lincoln Municipal Code. This wage is subject to change every July.

19. EXECUTION OF AGREEMENT

- 19.1 Depending on the type of service provided, one of the following three (3) methods will be employed. The method applicable to this contract will be checked below:
 - a. This Contract shall consist of a **PURCHASE ORDER** and a copy of the suppliers signed bid (or referenced bid number) attached and that the same, in all particulars, becomes the agreement and contract between the parties hereto: that both parties thereby accept and agree to the terms and conditions of said bid documents, and that the parties are bound thereby and the compensation to be paid the Supplier is as set forth in the Supplier's Bid. Items not awarded, if any, have been deleted.
 - b. The contract shall consist of a **YEARLY AGREEMENT** and a copy of the suppliers signed bid attached and that the same, in all particulars, becomes the agreement and contract between the parties hereto. That both parties thereby accept and agree to the terms and conditions of said bid documents, and that the parties are bound thereby and the compensation to be paid the Supplier is as set forth in the Suppliers' Bid. Items not awarded, if any, have been deleted.
 - c. Three (3) copies of the **CONTRACT**, unless otherwise noted.
 - 1. City will furnish three (3) copies of the Contract to the successful Bidder who shall prepare attachments as required. Insurance as evidenced by a Certificate of Insurance, surety bonds properly executed, and Agreement signed with the date of signature shall be attached.
 - 2. The prepared documents shall be delivered to the City within 10 days (unless otherwise noted).
 - 3. The City will sign the Contract Agreement, insert the date of signature at the beginning of the Contract Agreement, prepare an Executive Order to go the Mayor for signature.
 - 4. Upon approval and signature from the Mayor, the City will return one copy to the Contractor.

**BID SPECIFICATIONS
GOLF COURSE TYPE EQUIPMENT**

1. EQUIPMENT SPECIFICATIONS

- 1.1 The City of Lincoln is planning to purchase, or enter into a three (3) or five (5) year Conditional Sales Contract with a one dollar,\$1.00 buy-out at the end of the contract for the following Golf Course type of equipment:
 - 1.1.1 109" 60 HP (minimum) Rotary Riding Mower
 - 1.1.2 132" Front-Line 60 HP (minimum) Rotary Riding Mower
 - 1.1.3 150" Front-Line 60 HP (minimum) Rotary Riding Mower
 - 1.1.4 Lightweight Fairway Mower
 - 1.1.5 Aerator
 - 1.1.6 Greens mower
 - 1.1.7 72" Front-Line Rotary Riding Mower
 - 1.1.8 Riding Sand Trap Rake
 - 1.1.9 Tri-Plex Tee Mower
 - 1.1.10 Precision Trim Mower
 - 1.1.11 Turf Utility Vehicle
 - 1.1.12 Flail Mower
 - 1.1.13 Reel Grinder
 - 1.1.14 Equipment Lift

2. FACTORY AUTHORIZED DEALER AND PARTS DISTRIBUTOR OR FINANCING

- 2.1 Bidder submitting equipment bid must be a Factory Authorized Dealer and Parts Distributor.
- 2.2 Bidder shall submit a list of at least 5 current users of the equipment proposed.
 - 2.2.1 List shall include: entity, contact person & phone number.
- 2.3 The City will also accept bids on financing only.

3. DELIVERY

- 3.1 The City desires to take delivery of this equipment by the end of March, 2007.
- 3.2 Bidder must specify required lead time for delivery of this equipment with bid response.
- 3.3 The successful bidder will be responsible for all costs incurred, to include but not limited to freight, handling, and transit insurance, for delivery to City of Lincoln locations specified in this proposal, Lincoln, Nebraska 68508.
- 3.4 Ownership to these products must pass to the City within fifteen (15) days of final payment.

4. INSTALLATION

- 4.1 The successful bidder will be responsible for all costs of preparing the items for use after awarded.
- 4.2 Price shall be complete with all standard and specified equipment.
- 4.3 The equipment will be tested and ready for operation prior to final payment.

5. MISCELLANEOUS

- 5.1 All maintenance manuals required by the manufacturer for service must be included.
- 5.2 Bid prices to remain in effect for 30 days following bid opening.
- 5.3 Questions regarding this bid must be directed to Tom Kopplin, Assistant Purchasing Agent via E-mail at tkopplin@lincoln.ne.gov
- 5.4 Any disputes arising in connection with this contract, terms conditions and Service will be governed by the Laws of the State of Nebraska
- 5.5 Any defective component shall be replaced at no cost to the City.

6. **TRADE-IN**

6.1 The City has the following units to trade-in or sell.

6.2 These trade-in/sale units are at the following locations:

6.2.1 **Ager Golf Course** contact Jay Tussing 441-8962

6.2.1.1 1999 Ransome G-Plex II (1 ea.)

6.2.1.2 1998 Ransome 728 Rotary (1 ea.)

6.2.2 **Pioneers Golf Course** contact Brian Hammer 441-8968

6.2.2.1 2002 Toro 455-D (1 ea.)

6.2.2.2 2002 Cushman Truckster (1 ea.)

6.2.2.3 2002 Cushman Truckster (1 ea.)

6.2.2.4 2002 Turfco Topdresser (1 ea.)

6.2.2.5 2002 Jacobsen Turfcat (1 ea.)

6.2.2.6 2002 Jacobsen Turfcat (1 ea.)

6.2.2.7 2002 Jacobsen Turfcat (1 ea.)

6.2.2.8 2002 Toro 3100 – D (1 ea.)

6.2.2.9 2002 Jacobsen LF 3400 (1 ea.)

6.2.2.10 2002 Jacobsen LF 3400 (1 ea.)

6.2.2.11 2005 Jacobsen G-Plex III (2 ea.)

6.2.3 **Highlands Golf Course** contact Jeff Gasseling 441-6080

6.2.3.1 2005 Jacobsen G-Plex III (3 ea.)

6.2.3.2 2002 Jacobsen Sand Rack (1 ea.)

6.2.3.3 2002 Jacobsen Sand Rack (1 ea.)

6.2.3.4 2002 Jacobsen 628 – D (1 ea.)

6.2.3.5 2002 Jacobsen 628 – D (1 ea.)

6.2.3.6 2002 Jacobsen LF 3400 (1 ea.)

6.2.3.7 2002 Jacobsen LF 3400 (1 ea.)

6.2.3.8 2002 Toro 455 – D (1 ea.)

6.2.3.9 2002 Toro 455 – D (1 ea.)

6.2.3.10 2002 Turfco Topdresser (1 ea.)

6.2.3.11 2002 Lastec 325 EFJ (1 ea.)

6.2.3.12 2002 Lastec 325 EFJ (1 ea.)

6.2.3.13 2002 John Deere Gator (1 ea.)

6.2.3.14 2002 John Deere Gator (1 ea.)

6.2.3.15 2002 John Deere Gator (1 ea.)

6.2.3.16 2002 John Deere Gator (1 ea.)

6.3 Trade-in's or sale items are available on a where-is-as-is basis, with no warranties whether expressed or implied regarding the condition or fitness of use of the equipment listed above.

6.4 Successful bidder shall pay all cost to remove them.

6.5 Bids conditioned upon the acceptance by the City of any or all trade-in allowances will not be considered.

6.6 The City reserves the right to include the trade-in allowances in the evaluation of bids or not to give considerations to trade- in allowances.

6.7 Dependant upon the trade-in amounts the City may desire not to trade-in said units to the low bidder per base bid.

6.8 The City reserves the right to sell all trade-ins out right instead of trading.

6.8.1 Bidders are advised to take this into consideration when preparing their bids.

6.8.2 Bidders are permitted to submit a separate bid for the outright purchase of this equipment.

6.9 Bidders must indicate on their proposal form their trade-in allowances.

6.10 If the Trade-in or sale amount is accepted it will be applied to the financing as a down payment.

7. PRICING AND CLARIFICATION

- 7.1 The City desires pricing on the out right purchase, or enter into a five (5) year, 60 month, Conditional Sales Contract, (CSC), with a one dollar,\$1.00 buy-out at the end of the contract.
- 7.1.1 It is estimated that the amount of money to be financed will be between \$750,000.00 and \$1,000.000.00.
- 7.2 The CSC option shall include payment schedule noting the rate factor, and interest rate.
- 7.2.1 The CSC financing proposal shall be originated by the bidder.
- 7.2.2 A sample CSC financing proposal shall be included for review.
- 7.2.3 Any required prepayments or progress payments must be explained in detail.
- 7.2.4 If the City desires to pay off the lease before the full term, there shall be no penalties applied.
- 7.2.5 Interest rates shall be fixed for the term of the lease.
- 7.3 The City reserves the right to arrange its own financing plan and to award the bid to the firm which best meets the City's requirements.
- 7.4 Anywhere a Brand, Make or Model is defined, it is to be assumed that an or City approved equal is to follow.

8. WARRANTY

- 8.1 A Manufactures Standard Warranty Shall apply for not less than two years or 1500 hours from date of acceptance.
- 8.2 Bidders shall submit an optional proposal for extended warranties on equipment where indicated on the Bid Schedule.
- 8.2.1 No After Market or Secondary Warranty Providers shall be allowed.
- 8.2.2 If accepted, payment for the extended warranty will be paid at the time of delivery.
- 8.2.3 Terms of the extended warranty must accompany
- 8.2.4 If the Extended Warranty option is accepted, the City will chose the warranty program that best suits its needs.
- 8.3 During the warranty period, it shall be the responsibility of the Dealer to perform warranty repairs at the various golf courses as listed below provided the distributor supplies the appropriate Insurance Coverage as required by the City and listed in Section 11 of this specification.
- 8.3.1 Ager Junior Golf Course 3761 Normal Blvd.
- 8.3.2 Highlands Golf Course 5501 NW 12th Street
- 8.3.3 Pioneers Golf Course 3403 West Van Dorn
- 8.3.4 If the Dealer feels the repair can be best accomplished at his facility, then it is his/her responsibility to pick-up and deliver the unit to and from his/her shop, for such repairs at no cost to the City.
- 8.4 In the event the equipment is out of service for warranty work and can not be returned to service within three (3) working days after notification of equipment failure, the Dealer shall supply a loaner unit to the golf course affected at no cost to the City.
- 8.4.1 Said loaner unit will be used by the City at no cost until the unit being repaired is put back into service.
- 8.5 All warranty work shall be accomplished Monday - Friday from 7:00 am to 3:30 pm.

9. REPAIR PARTS

- 9.1 Repair or replacement parts shall be available within four (4) working days of placement of order.
- 9.2 Bidder must give address of its warehouse for repair or replacement parts:_____.

10. INSURANCE REQUIREMENTS

- 10.1 The Dealer shall furnish a certificate of insurance in accordance with the attached "Insurance Clause to be used for City Contracts", naming the City of Lincoln as additional insured.

11. AWARD

- 11.1 The bid will awarded based on the most advantageous equipment pricing, trade-in allowances and financing submitted.
- 11.2 The award for the equipment will be made based on equipment price less the options.
- 11.3 The financing award will consider the payments, the rate factor and the interest rate.

EQUIPMENT SPECIFICATIONS
(Item 1)
109" ROTARY RIDING MOWER

Quantity: Minimum (1)

1. APPLICATION

1.1 The rotary riding mower will be utilized by the Lincoln City Golf Courses in mowing of high maintenance turf where productivity and quality of cut is essential.

2. MODEL

2.1 The equipment furnished under these specifications shall be new and of the latest improved model in current production as offered to the commercial trade.

2.2 Four-wheel self-propelled 109 inch rotary riding mower.

2.3 The following equipment has been field tested by the City of Lincoln and is considered acceptable:

2.3.1 Toro-Groundsmaster 4500D

2.4 Do not assume your standard equipment meets all detailed specifications merely because it is listed above as "approved".

3. ENGINE

Meet Specs.

Yes No

- ___ ___ 3.1 Diesel-powered four cylinder
- ___ ___ 3.2 Four cycle
- ___ ___ 3.3 Water cooled
- ___ ___ 3.4 122 cubic inch piston displacement minimum
- ___ ___ 3.5 60 horse-power minimum
- ___ ___ 3.6 Pressure lubrication system
- ___ ___ 3.7 Full-flow oil filter (spin-on type)
- ___ ___ 3.8 Heavy-duty two-stage dry/type air filter
- ___ ___ 3.9 Pop-up restriction indicator
- ___ ___ 3.10 Fuel filter/water separator
- ___ ___ 3.11 Glow plug starting aid
- ___ ___ 3.12 Governor
- ___ ___ 3.13 Spark arrestor muffler
- ___ ___ 3.14 Industrial-type radiator

4. TRANSMISSION

- ___ ___ 4.1 Hydrostatic transmission
- ___ ___ 4.2 25 micron spin-on type oil filter
- ___ ___ 4.3 Single foot pedal control system
- ___ ___ 4.4 Hydrostatic transmission mounted to semi-floating drive axle (independent drive wheel motors not acceptable)
- ___ ___ 4.5 Hydrostatic transmission cooled through air to oil cooling system
- ___ ___ 4.6 3.5 quart oil capacity minimum
- ___ ___ 4.7 Infinitely variable ground speed control, forward and reverse
- ___ ___ 4.8 Minimum forward ground speed 8 mph
- ___ ___ 4.9 Minimum reverse ground speed 3 mph
- ___ ___ 4.10 A manual override relief or axle disengagement to allow traction unit to be towed shall be furnished if available from the manufacture

5. **FRAME**

___ ___ 5.1 Heavy-duty all welded formed steel

6. **BRAKES**

___ ___ 6.1 Seven (7)-inch drum-type on traction axle
 ___ ___ 6.2 Independent brakes with two pedal braking system
 ___ ___ 6.3 Pedal interlock or three (3) pedal system for simultaneous braking
 ___ ___ 6.4 Dynamic braking through traction drive

7. **TIRES**

___ ___ 7.1 Front 29 x 14-15 6-ply ultra traction tires
 ___ ___ 7.2 Rear 20 x 12-10 6-ply multi-trac tires
 ___ ___ 7.3 Heavy-duty demountable, drop center rims
 ___ ___ 7.4 One (1) front and one (1) rear spare tire and wheel for each unit bid (Same size and brand as that supplied on traction unit)

8. **STEERING**

___ ___ 8.1 Manufacturer's standard power-assisted steering
 ___ ___ 8.2 Rear wheel steer
 ___ ___ 8.3 Fifteen (15) inch automotive-type steering wheel

9. **ELECTRICAL SYSTEM**

___ ___ 9.1 12volt
 ___ ___ 9.2 Heavy-duty 650 CCA minimum maintenance-free battery
 ___ ___ 9.3 55 amp alternator minimum
 ___ ___ 9.4 12 volt electric glow plug

10. **CONTROLS**

___ ___ 10.1 Hand-operated hydraulic implement lift and PTO controls

11. **SEAT**

___ ___ 11.1 Deluxe adjustable suspension seat, adjustable for position and firmness

12. **INSTRUMENTS, GAUGES AND METERS**

___ ___ 12.1 Engine hour meter
 ___ ___ 12.2 Water temperature gauge
 ___ ___ 12.3 Oil pressure warning light, and audible alarm
 ___ ___ 12.4 Key locking ignition switch
 ___ ___ 12.5 High engine temperature safety shut down switch
 ___ ___ 12.6 Glow plug indicator
 ___ ___ 12.7 Fuel gauge

13. **MOWER DECK AND RELATED EQUIPMENT**

___ ___ 13.1 Full floating hydraulics on implement lift system capable of negative float
 ___ ___ 13.2 11 gauge formed steel blade housing
 ___ ___ 13.3 Side discharge
 ___ ___ 13.4 109 inch cutting width
 ___ ___ 13.5 Hydraulically raised and lowered
 ___ ___ 13.6 5 1/2 inch deck depth minimum
 ___ ___ 13.7 1 inch to 4 inch cutting height adjustments in 1/2 inch increments
 ___ ___ 13.8 One (1) spare set of cutter blades for each unit supplied
 ___ ___ 13.9 Deck must be furnished with all anti-scalp equipment available from manufacturer including but not limited to pneumatic deck wheels
 ___ ___ 13.10 One (1) spare deck wheel for each unit supplied
 ___ ___ 13.11 Mechanical PTO drive to three (3) interchangeable high lift design cutter blades or hydraulic gear pump directly coupled to transmission powering attachment motors.

14. PAINT

___ ___ 14.1 Manufacturer's standard color

15. MANUELS

- ___ ___ 15.1 One (1) operators manual for each unit bid
- ___ ___ 15.2 Two (2) complete parts manuals
- ___ ___ 15.3 Two (2) complete service manuals
- ___ ___ 15.4 Preventive maintenance checklist as recommended by the manufacturer
- ___ ___ 15.5 VCR video(s) concerning maintenance safety and operation of unit supplied

16. OPTIONS (Please price options separately)

- ___ ___ 16 1 Four post ROPS with canopy
- ___ ___ 16 2 Light kit to include two (2) front working lights, one (1) rear working light.

EQUIPMENT SPECIFICATIONS
 (Item 2)
132" FRONT-LINE ROTARY RIDING MOWER

Quantity: Minimum (3)

1. APPLICATION

1.1 The front-line mower will be utilized by the Lincoln City Golf Courses in mowing of high maintenance turf where productivity and quality of cut is essential.

2. MODEL

- 2.1 The equipment furnished under these specifications shall be new and of the latest improved model in current production as offered to the commercial trade.
- 2.2 Four-wheel drive self-propelled 132-inch rotary riding mower.
- 2.3 The following equipment has been field tested by the Lincoln City Golf Courses and is considered acceptable.
 - 2.3.1 Toro-Groundsmaster 4000-D
- 2.4 Do not assume your standard equipment meets all detailed specifications merely because it is listed above as "approved".
- 2.5 10.6 acres/hr. at 8 mph mowing capability.

3. ENGINE

Meets Specs.

Yes No

___	___	3.1	Diesel-powered
___	___	3.2	Four cylinder motor
___	___	3.3	Four cycle
___	___	3.4	Liquid cooled
___	___	3.5	122 cubic inch piston displacement <u>minimum</u>
___	___	3.6	60 horse-power <u>minimum</u>
___	___	3.7	Pressure lubrication system
___	___	3.8	Full-flow oil filter (spin-on type)
___	___	3.9	Heavy-duty two-stage dry-type air filter
___	___	3.10	Pop-up restriction indicator on air intake system
___	___	3.11	Fuel filter/water separator
___	___	3.12	Glow plug starting aid
___	___	3.13	Governor
___	___	3.14	Spark arrestor muffler
___	___	3.15	Industrial-type radiator
___	___	3.16	Fourteen (14) gallon fuel tank minimum
___	___	3.17	Antifreeze protection to -30°F
___	___	3.18	12 volt electric start

4. TRANSMISSION

___	___	4.1	Hydrostatic transmission
___	___	4.2	10 micron spin-on type oil filter
___	___	4.3	Single foot pedal control system
___	___	4.4	Hydrostatic transmission mounted to semi-floating drive axle
___	___	4.5	Hydrostatic transmission cooled trough air to oil cooling system
___	___	4.6	Four (4) quart oil capacity minimum
___	___	4.7	Infinitely variable ground speed control, forward and reverse
___	___	4.8	Forward speed 0-14 mph

Meets Specs.

Yes No

- ___ ___ 4.9 Reverse speed 0-4 mph
 ___ ___ 4.10 A manual override relief or disengagement to allow traction unit to be towed shall be furnished if available from the manufacturer

5. FRAME

- ___ ___ 5.1 Heavy-duty all welded formed steel

6. BRAKES

- ___ ___ 6.1 Independent brakes with two pedal braking system
 ___ ___ 6.2 Pedal interlock or three (3) pedal system for simultaneous braking
 ___ ___ 6.3 Park brake incorporated into service brake system
 ___ ___ 6.4 Dynamic braking trough traction drive

7. TIRES

- ___ ___ 7.1 Front and rear tires shall be manufacturers standard high flotation
 ___ ___ 7.2 One(1) front and one(1) rear spare tire and wheel for each unit bid (Same size and brand as that supplied on traction unit)

8. STEERING

- ___ ___ 8.1 Manufacturer's standard power-assisted steering
 ___ ___ 8.2 Rear wheel steer
 ___ ___ 8.3 Tilt wheel, automotive design

9. ELECTRICAL SYSTEM

- ___ ___ 9.1 12volt
 ___ ___ 9.2 Heavy-duty 650 CCA minimum maintenance-free battery
 ___ ___ 9.3 40 amp alternator minimum

10. CONTROLS

- ___ ___ 10.1 Hand-operated hydraulic implement lift and PTO controls
 ___ ___ 10.2 Individual deck engagement switches
 ___ ___ 10.3 Tilt wheel control

11. SEAT

- ___ ___ 11.1 Deluxe adjustable suspension seat, adjustable for position and firmness
 ___ ___ 11.2 Operator presence seat switch

12. INSTRUMENTS. GAUGES AND METERS

- ___ ___ 12.1 Engine hour meter
 ___ ___ 12.2 Water temperature gauge
 ___ ___ 12.3 Oil pressure warning light, and audible alarm
 ___ ___ 12.4 Key locking ignition switch
 ___ ___ 12.5 High engine temperature safety shut down switch
 ___ ___ 12.6 Glow Plug indicator
 ___ ___ 12.7 Fuel gauge

13. MOWER DECK AND RELATED EQUIPMENT

- ___ ___ 13.1 Ten (10) gauge formed steel blade housing, 7 gauge skirts
 ___ ___ 13.2 Rear discharge with even dispersion over entire width of cut
 ___ ___ 13.3 Capable of three cutting widths dependent upon deck position, 127" with center and wings in cutting position, 60" with center in cutting position and wings folded, 95fl "4th center in cutting position and either right or left side wing in cutting position
 ___ ___ 13.4 All cutting deck positions must be hydraulically controlled from Operator's station
 ___ ___ 13.5 5 ½ inch deck depth

Meets Specs.

Yes No

- | | | | |
|-----|-----|------|---|
| ___ | ___ | 13.6 | 1 inch to 4.5 inch cutting height adjustments in 1/2 inch increments |
| ___ | ___ | 13.7 | One spare set of cutter blades shall be supplied for each unit bid |
| ___ | ___ | 13.8 | Deck(s) must be furnished with all anti-scalp equipment available from manufacturer, including but not limited to pneumatic deck wheels |
| ___ | ___ | 13.9 | One (1) spare deck wheel for each size supplied on the unit |

14. OPTIONAL EQUIPMENT (Please price each separately)

- | | | | |
|-----|-----|------|-------------------------------------|
| ___ | ___ | 14.1 | Two-post ROPs |
| ___ | ___ | 14.2 | Canopy |
| ___ | ___ | 14.3 | Headlights |
| ___ | ___ | 14.4 | Hydraulic Oil Leak Detection System |
| ___ | ___ | 14.5 | Hydraulic Broom |

15. PAIN

- | | | | |
|-----|-----|------|-------------------------------|
| ___ | ___ | 15.1 | Manufacturer's standard color |
|-----|-----|------|-------------------------------|

16. MANUALS

- | | | | |
|-----|-----|------|---|
| ___ | ___ | 16.1 | One (1) operators manual for each unit bid |
| ___ | ___ | 16.2 | Two (2) complete parts manuals |
| ___ | ___ | 16.3 | Two (2) complete service manuals and overhaul manual |
| ___ | ___ | 16.4 | Preventive maintenance checklist as recommended by the manufacturer |
| ___ | ___ | 16.5 | VCR video(s) concerning maintenance safety and operation of unit supplied |

EQUIPMENT SPECIFICATIONS
 (Item 3)
150" ROTARY RIDING MOWER

Quantity: Minimum (1)

1. APPLICATION

1.1 The rotary riding mower will be utilized by the Lincoln City Golf Courses in mowing of high maintenance turf where productivity and quality of cut is essential.

2. MODEL

2.1 The equipment furnished under these specifications shall be new and of the latest improved model in current production as offered to the commercial trade.

2.2 Four-wheel, full time, bi-directional four wheel drive, self-propelled 150 inch rotary riding mower.

2.3 The following equipment has been field tested by the City of Lincoln and is considered acceptable:

2.3.1 Toro-Groundsmaster 4500 - D

2.4 Do not assume your standard equipment meets all detailed specifications merely because it is listed above as "approved".

Meet Specs.

Yes No

3. ENGINE

- | | | | |
|-----|-----|------|--|
| ___ | ___ | 3.1 | Diesel-powered four cylinder |
| ___ | ___ | 3.2 | Four cylinder |
| ___ | ___ | 3.3 | Water cooled |
| ___ | ___ | 3.4 | 122 cubic inch piston displacement minimum |
| ___ | ___ | 3.5 | 60 horse-power minimum |
| ___ | ___ | 3.6 | Pressure lubrication system |
| ___ | ___ | 3.7 | Full-flow oil filter (spin-on type) |
| ___ | ___ | 3.8 | Heavy-duty two-stage dry type air filter |
| ___ | ___ | 3.9 | Pop-up restriction indicator |
| ___ | ___ | 3.10 | Fuel filter/water separator |
| ___ | ___ | 3.11 | Glow plug starting aid |
| ___ | ___ | 3.12 | Governor |
| ___ | ___ | 3.13 | Spark arrestor muffler |
| ___ | ___ | 3.14 | Industrial-type radiator |

4. TRANSMISSION

- | | | | |
|-----|-----|------|--|
| ___ | ___ | 4.1 | Hydrostatic transmission |
| ___ | ___ | 4.2 | 25 micron spin-on type oil filter |
| ___ | ___ | 4.3 | Single foot pedal control system |
| ___ | ___ | 4.4 | Hydrostatic transmission mounted to semi-floating drive axle (independent drive wheel motors not acceptable) |
| ___ | ___ | 4.5 | Hydrostatic transmission cooled through air to oil cooling system |
| ___ | ___ | 4.6 | 3.5 quart oil capacity <u>minimum</u> |
| ___ | ___ | 4.7 | infinitely variable ground speed control, forward and reverse |
| ___ | ___ | 4.8 | <u>Minimum</u> forward ground speed 8 mph |
| ___ | ___ | 4.9 | <u>Minimum</u> reverse ground speed 3 mph |
| ___ | ___ | 4.10 | A manual override relief or axle disengagement to allow traction unit to be towed shall be furnished if available from the manufacture |

Meet Specs.

Yes No

5. FRAME

___ ___ 5.1 Heavy-duty all welded formed steel

6. BRAKES

___ ___ 6.1 Seven (7)-inch drum-type on traction axle
 ___ ___ 6.2 Independent brakes with two pedal braking system
 ___ ___ 6.3 Pedal interlock or three (3) pedal system for simultaneous braking
 ___ ___ 6.4 Dynamic braking through traction drive

7. TIRES

___ ___ 7.1 Front 29 x 14-15 6-ply ultra traction tires
 ___ ___ 7.2 Rear 20 x 12-10 6-ply multi-trac tires
 ___ ___ 7.3 Heavy-duty demountable, drop center rims
 ___ ___ 7.4 One (1) front and one (1) rear spare tire and wheel for each unit bid (Same size and brand as that supplied on traction unit)

8. STEERING

___ ___ 8.1 Manufacturer's standard power-assisted steering
 ___ ___ 8.2 Rear wheel steer
 ___ ___ 8.3 Fifteen (15) inch automotive-type steering wheel

9. ELECTRICAL SYSTEM

___ ___ 9.1 12 volt
 ___ ___ 9.2 Heavy-duty 650 CCA minimum maintenance-free battery
 ___ ___ 9.3 55 amp alternator minimum
 ___ ___ 9.4 12 volt electric glow plug

10. CONTROLS

___ ___ 10.1 Hand-operated hydraulic implement lift

11. SEAT

___ ___ 11.1 Deluxe adjustable suspension seat, adjustable for position and firmness

12. INSTRUMENTS, GAUGES AND METERS

___ ___ 12.1 Engine hour meter
 ___ ___ 12.2 Water temperature gauge
 ___ ___ 12.3 Oil pressure warning light, and audible alarm
 ___ ___ 12.4 Key locking ignition switch
 ___ ___ 12.5 High engine temperature safety shut down switch
 ___ ___ 12.6 Glow plug indicator
 ___ ___ 12.7 Fuel gauge

13. MOWER DECK AND RELATED EQUIPMENT

___ ___ 13.1 Full floating hydraulics on implement lift system capable of negative float
 ___ ___ 13.2 11 gauge formed steel blade housing
 ___ ___ 13.3 Side discharge
 ___ ___ 13.4 5 27" decks
 ___ ___ 13.5 Hydraulically raised and lowered
 ___ ___ 13.6 5 1/2 inch deck depth minimum
 ___ ___ 13.7 1 inch to 4 inch cutting height adjustments in 1/2 inch increments
 ___ ___ 13.8 One (1) spare set of cutter blades for each unit supplied
 ___ ___ 13.9 Deck must be furnished with all anti-scalp equipment available from manufacturer including but not limited to pneumatic deck wheels
 ___ ___ 13.10 One (1) spare deck wheel for each unit supplied
 ___ ___ 13.11 Mechanical PTO drive to three (3) interchangeable high lift design cutter blades or hydraulic gear pump directly coupled to transmission powering attachment motors.

14. PAINT

___ ___ 14.1 Manufacturer's standard color

15. MANUALS

- ___ ___ 15.1 One (1) operators manual for each unit bid
- ___ ___ 15.2 Two (2) complete parts manuals
- ___ ___ 15.3 Two (2) complete service manuals
- ___ ___ 15.4 Preventive maintenance checklist as recommended by the manufacturer
- ___ ___ 15.5 VCR video(s) concerning maintenance safety and operation of unit supplied

16. OPTIONS (Please price options separately)

- ___ ___ 16.1 Four post ROPS with canopy
- ___ ___ 16.2 Canopy
- ___ ___ 16.3 Light kit to include two (2) front working lights, one (1) rear working light.

EQUIPMENT SPECIFICATIONS
 (Item 4)
LIGHTWEIGHT FAIRWAY MOWER

Quantity: Minimum (4)

Meet Specs.

Yes No

1. LIGHTWEIGHT FAIRWAY MOWER

- | | | | |
|-------|-------|-------|---|
| _____ | _____ | 1.1 | Model |
| _____ | _____ | 1.1.1 | New and of current model design, 4 wheel, self contained, 5 cutting unit light weight fairway mower |
| _____ | _____ | 1.1.2 | Toro Reelmaster 5410 or equivalent |

2. ENGINE

- | | | | |
|-------|-------|-----|---|
| _____ | _____ | 2.1 | Not less than 35.5 hp, diesel, liquid cooled engine. Kubota, approved or equal. |
|-------|-------|-----|---|

3. TRACTION DRIVE

- | | | | |
|-------|-------|-----|---|
| _____ | _____ | 3.1 | Hydrostatic pump with wheel motors or hydrostatic transmission mounted on drive axle or approved equal. |
| _____ | _____ | 3.2 | All wheel drive |
| _____ | _____ | 3.3 | Mowing speed of 0-10 mph |

4. BRAKES

- | | | | |
|-------|-------|-----|--|
| _____ | _____ | 4.1 | Automotive drum type or disc brakes on front drive wheels. |
|-------|-------|-----|--|

5. FRAME

- | | | | |
|-------|-------|-----|---------------------------|
| _____ | _____ | 5.1 | Welded steel construction |
|-------|-------|-----|---------------------------|

6. CONTROLS

- | | | | |
|-------|-------|-----|---|
| _____ | _____ | 6.1 | Foot operated traction and brake pedals |
| _____ | _____ | 6.2 | Foot or hand operated reel lift with automatic on/off |
| _____ | _____ | 6.3 | Hand operated throttle |
| _____ | _____ | 6.4 | Parking brake pedal must lock. |
| _____ | _____ | 6.5 | Key ignition switch |

7. INSTRUMENTS

- | | | | |
|-------|-------|-----|-------------------|
| _____ | _____ | 7.1 | Hour meter |
| _____ | _____ | 7.2 | Speedometer |
| _____ | _____ | 7.3 | Fuel gauge |
| _____ | _____ | 7.4 | Temperature gauge |
| _____ | _____ | 7.5 | Oil pressure |
| _____ | _____ | 7.6 | Voltmeter |
| _____ | _____ | 7.7 | Glow plug |

8. STEERING

- | | | | |
|-------|-------|-----|----------------|
| _____ | _____ | 8.1 | Power steering |
|-------|-------|-----|----------------|

9. OPERATING WEIGHT

- | | | | |
|-------|-------|-----|---|
| _____ | _____ | 9.1 | Not less than 2580 lbs with units attached. |
|-------|-------|-----|---|

10. CUTTING UNITS

- ____ 10.1 Five (5) full flotation cutting reels
- ____ 10.2 Seven (7) blades per unit minimum
- ____ 10.3 95" minimum cutting width
- ____ 10.4 Front rollers to be grooved Wiehle rollers, or approved equal, rear rollers to be smooth rollers all with greaseable bearings
- ____ 10.5 Height of cut range from 1/4" to 1"
- ____ 10.6 Reel diameter, 5" minimum
- ____ 10.7 Dual precision adjustment

11. SEAT

- ____ 11.1 Seat to be high back with arm rest included

12. TIRES

- ____ 12.1 Minimum tire size
 - ____ 12.1.1 Front traction tires 26.5 x 14-12 tubeless, 4 ply rating
 - ____ 12.1.2 Rear steering tires 20 x10-10 tubeless, 4 ply rating

13. MANUALS

- ____ 13.1 One each per unit
 - ____ 13.1.1 Owners manual
 - ____ 13.1.2 Parts manual
 - ____ 13.1.3 Service manual for the traction unit, engine, cutting units and accessories
 - ____ 13.1.4 Video operator training film

14. OPTIONS

- ____ 14.1 Please indicate on the proposal form the cost of the following options
 - ____ 14.1.1 Grass collection baskets
 - ____ 14.1.2 Light kit
 - ____ 14.1.3 ROPS with seat belt
 - ____ 14.1.4 Canopy
 - ____ 14.1.5 Installed hydraulic leak detection system
 - ____ 14.1.6 Mounted spare front tire and wheel
 - ____ 14.1.7 Mounted spare rear tire and wheel
 - ____ 14.1.8 Front and Rear roller scrapers
 - ____ 14.1.9 6.5" diameter reels
 - ____ 14.1.10 Extra set of similar cutting units
 - ____ 14.1.11 Rotating rear roller brush

EQUIPMENT SPECIFICATIONS
 (Item 5)
AERATOR

Quantity: Minimum (2)

1. APPLICATION

1.1 The aerator will be utilized by all Lincoln city golf courses for the aeration of greens and fairways. It is important to have the ability to adjust the depth up to 4" and have a choice of tines from 3/16" to 3/4".

2. MODEL

- 2.1 The equipment furnished under these specifications shall be new and of the latest improved model in current production as offered to the commercial trade.
- 2.2 Three wheel, three wheel drive, walking aerator.
- 2.3 Toro Pro Core 648 or equivalent
- 2.4 Bidders are cautioned to read the specifications carefully. The specifications may include special requirements not commonly offered by the manufacturer.

Meet Specs.

Yes No

3. MINIMUM AERATOR SPECIFICATIONS

- | | | | |
|-----|-----|--------|---|
| ___ | ___ | 3.1 | Working width: 48" |
| ___ | ___ | 3.2 | Working depth: Variable to 4" |
| ___ | ___ | 3.3 | Weight: 1,590 |
| ___ | ___ | 3.4 | Hole spacing side to side: |
| ___ | ___ | 3.4.1 | 3-Tine 2.6" with 3/4" tines |
| ___ | ___ | 3.4.2 | 4-Tine 2" with 3/4" tines |
| ___ | ___ | 3.5 | 23 hp air cooled engine |
| ___ | ___ | 3.6 | One set of 1/2" x 6.38" solid tines |
| ___ | ___ | 3.7 | One set of 5/8" x 6.38" solid tines |
| ___ | ___ | 3.8 | One set of 1/2" x 5.5" hollow tines |
| ___ | ___ | 3.9 | One set of 5/8" x 6.25" hollow tines |
| ___ | ___ | 3.10 | Tine Holders |
| ___ | ___ | 3.10.1 | 3-Tine 2.6" spacing 3/4" diameter |
| ___ | ___ | 3.10.2 | 4-Tine 2.0" spacing 3/4" diameter |
| ___ | ___ | 3.10.3 | Mini-Tine 3/8" diameter |
| ___ | ___ | 3.10.4 | Needle Tine |
| ___ | ___ | 3.11 | Series/Parallel hydrostatic drive train |

4. MANUALS

- 4.1 The following manuals shall be included in the unit bid price and shall accompany the unit at the time of delivery:
 - 4.1.1 Owner's manual
 - 4.1.2 Parts manual

___ ___
 ___ ___

EQUIPMENT SPECIFICATIONS

(Item 6)

GREENSMOWER

Quantity: Minimum (7)

Meet Specs.

Yes No

1. DESCRIPTION

- ___ ___ 1.1 New and of current model design greensmower
- ___ ___ 1.2 Traction unit to be equivalent to Toro Greensmaster 3150

2. MINIMUM EQUIPMENT SPECIFICATIONS

- ___ ___ 2.1 Engine: Briggs and Stratton 4 - cycle, 2 -cylinder, OHV, 18 hp
- ___ ___ 2.2 Cutting width: 59" minimum
- ___ ___ 2.3 Drive train:
 - ___ ___ 2.3.1 Traction drive: Variable displacement hydrostatic pump with high-speed low-torque wheel motor; foot pedal forward and reverse.
 - ___ ___ 2.3.2 Reel drive: Hydraulic gear pump; reel control valve and bi-directional gear motors with backslap control valve.
- ___ ___ 2.4 Ground speeds:
 - ___ ___ 2.4.1 Mowing: 0 - 3.8 mph
 - ___ ___ 2.4.2 Transport: 0 - 7.5 mph
 - ___ ___ 2.4.3 Reverse: 0 - 2.0 mph
- ___ ___ 2.5 Steering: Power steering; round, adjustable steering wheel; rear wheel steering
- ___ ___ 2.6 Brakes: Positive hydrostatic braking; 6" caliper disk parking brake
- ___ ___ 2.7 Tires: three (3) 20 x 10.00-10, 2-ply tubeless, smooth tread or equal
- ___ ___ 2.8 Cutting units:
 - ___ ___ 2.8.1 Three (3) 21" steer able floating heads
 - ___ ___ 2.8.2 5" diameter
 - ___ ___ 2.8.3 11 blades per reel
 - ___ ___ 2.8.4 Dual Precision Adjustment
 - ___ ___ 2.8.5 Height adjustment on front rollers with micro adjusters
 - ___ ___ 2.8.6 2" Grooved machined steel rollers front and rear
 - ___ ___ 2.8.7 Cutting height adjustable from 0.10" to 0.62"
 - ___ ___ 2.8.8 Clip rate: 0.187" at 3.7 mph
 - ___ ___ 2.8.9 Fine bristle brushes mounted on front roller
 - ___ ___ 2.8.10 Lo-cut Bedknife 1/8"
 - ___ ___ 2.8.11 Powered rear roller brush
 - ___ ___ 2.8.12 Quick-mount grass catcher, cost per set of three (3)

3. MANUALS

- ___ ___ 3.1 One each of the following manuals to be furnished at the time of delivery:
 - ___ ___ 3.1.1 Owners manual
 - ___ ___ 3.1.2 Parts manual
 - ___ ___ 3.1.3 Service manual for traction unit, cutting units, engine and all accepted options.

4. OPTIONS

- ___ ___ 4.1 Please indicate the cost of the following options
 - ___ ___ 4.1.1 Groomers, cost per set of three (3)
 - ___ ___ 4.1.2 TPS hydraulic oil leak detection system
 - ___ ___ 4.1.3 Armrest set
 - ___ ___ 4.1.4 Verticut heads
 - ___ ___ 4.1.5 Spare tire, mounted on rim
 - ___ ___ 4.1.6 Light kit
 - ___ ___ 4.1.7 Single point adjustment
 - ___ ___ 4.1.8 Swaged front, Smooth rear rollers
 - ___ ___ 4.1.9 Rear roller scraper kit
 - ___ ___ 4.1.10 Back lapping Kit
 - ___ ___ 4.1.11 Three extra cutting units as per spec.#2.8
 - ___ ___ 4.1.12 One set of spikers

EQUIPMENT SPECIFICATIONS
(Item 7)
72" FRONT-LINE ROTARY RIDING MOWER

Quantity: Minimum (3)

1. APPLICATION

1.1 The front-line rotary riding mower will be utilized by the Lincoln City Golf Courses in mowing of high maintenance turf where productivity and quality of cut is essential.

2. MODEL

2.1 The equipment furnished under these specifications shall be new and of the latest improved model in current production as offered to the commercial trade.

2.2 Four-wheel, four wheel drive, self-propelled 72 inch rotary riding mower.

2.3 The following equipment has been field tested by the City of Lincoln and is considered acceptable:

2.3.1 Toro-Groundsmaster 328-D

2.4 Do not assume your standard equipment meets all detailed specifications merely because it is listed above as "approved".

Meet Specs.

Yes No

3. ENGINE

- | | | | |
|-----|-----|------|---|
| ___ | ___ | 3.1 | Diesel-powered |
| ___ | ___ | 3.2 | Three cylinder |
| ___ | ___ | 3.3 | Water cooled |
| ___ | ___ | 3.4 | 68.5 cubic inch piston displacement minimum |
| ___ | ___ | 3.5 | 26 horse-power minimum |
| ___ | ___ | 3.6 | Pressure lubrication system |
| ___ | ___ | 3.7 | Full-flow oil filter (spin-on type) |
| ___ | ___ | 3.8 | Heavy-duty two-stage dry-type air filter |
| ___ | ___ | 3.9 | Pop-up restriction indicator |
| ___ | ___ | 3.10 | Fuel filter/water separator |
| ___ | ___ | 3.11 | Glow plug starting aid |
| ___ | ___ | 3.12 | Governor |
| ___ | ___ | 3.13 | Spark arrestor muffler |
| ___ | ___ | 3.14 | Industrial-type radiator |

4. TRANSMISSION

- | | | | |
|-----|-----|-----|---|
| ___ | ___ | 4.1 | Hydrostatic in-line transmission |
| ___ | ___ | 4.2 | 25 micron spin-on type oil filter |
| ___ | ___ | 4.3 | Single foot pedal control system |
| ___ | ___ | 4.4 | On-demand overrunning clutch system |
| ___ | ___ | 4.5 | Hydrostatic transmission cooled through air to oil cooling system |
| ___ | ___ | 4.6 | 3.5 quart oil capacity <u>minimum</u> |
| ___ | ___ | 4.7 | Infinitely variable ground speed control, forward and reverse |
| ___ | ___ | 4.8 | <u>Minimum</u> forward ground speed 8 mph |
| ___ | ___ | 4.9 | <u>Minimum</u> reverse ground speed 3 mph |

5. FRAME

- | | | | |
|-----|-----|-----|-------------------------------------|
| ___ | ___ | 5.1 | Heavy-duty all welded formed steel. |
|-----|-----|-----|-------------------------------------|

6. BRAKES

- ___ ___ 6.1 Seven (7)-inch drum-type
- ___ ___ 6.2 Independent brakes with two pedal braking system
- ___ ___ 6.3 Pedal interlock or three (3) pedal system for simultaneous braking
- ___ ___ 6.4 Dynamic braking through traction drive

7. TIRES

- ___ ___ 7.1 23 x 10.5 x 12 4-ply high flotation traction tires (tubeless)
- ___ ___ 7.2 16 x 6.5 x 8 4 ply ribbed steering axle tires (tubeless)
- ___ ___ 7.3 Heavy-duty demountable, drop center rims
- ___ ___ 7.4 One (1) front and one (1) rear spare tire and wheel for each unit bid (Same size and brand as that supplied on traction unit)

8. STEERING

- ___ ___ 8.1 Manufacturer's standard power-assisted steering
- ___ ___ 8.2 Rear wheel steer
- ___ ___ 8.3 Fifteen (15) inch automotive-type steering wheel

9. ELECTRICAL SYSTEM

- ___ ___ 9.1 12 volt
- ___ ___ 9.2 Heavy-duty 630 CCA minimum maintenance-free battery
- ___ ___ 9.3 55 amp alternator minimum
- ___ ___ 9.4 12 volt electric glow plug

10. CONTROLS

- ___ ___ 10.1 Hand-operated hydraulic implement lift and PTO controls

11. SEAT

- ___ ___ 11.1 Deluxe adjustable suspension seat, adjustable for position and firmness

12. INSTRUMENTS, GAUGES AND METERS

- ___ ___ 12.1 Engine hour meter
- ___ ___ 12.2 Water temperature gauge
- ___ ___ 12.3 Oil pressure warning light, and audible alarm
- ___ ___ 12.4 Key locking ignition switch
- ___ ___ 12.5 High engine temperature safety shut down switch
- ___ ___ 12.6 Glow plug indicator
- ___ ___ 12.7 Fuel gauge

13. MOWER DECK AND RELATED EQUIPMENT

- ___ ___ 13.1 Full floating hydraulics on implement lift system capable of negative float
- ___ ___ 13.2 11 gauge formed steel blade housing
- ___ ___ 13.3 Side discharge
- ___ ___ 13.4 72 inch cutting width
- ___ ___ 13.5 Hydraulically raised and lowered
- ___ ___ 13.6 5 1/2 inch deck depth minimum
- ___ ___ 13.7 1 inch to 4 inch cutting height adjustments in 1/2 inch increments
- ___ ___ 13.8 One (1) spare set of cutter blades for each unit supplied
- ___ ___ 13.9 Deck must be furnished with all anti-scalp equipment available from manufacturer including but not limited to pneumatic deck wheels
- ___ ___ 13.10 One (1) spare deck wheel for each unit supplied
- ___ ___ 13.11 Mechanical PTO drive to three (3) interchangeable high lift design cutter blades or hydraulic gear pump directly coupled to transmission powering attachment motors.

14. PAINT

- ___ ___ 14.1 Manufacturer's standard color

15. MANUALS

- ___ ___ 15.1 One (1) operators manual for each unit bid
- ___ ___ 15.2 Two (2) complete parts manuals
- ___ ___ 15.3 Two (2) complete service manuals
- ___ ___ 15.4 Preventive maintenance checklist as recommended by the manufacturer
- ___ ___ 15.5 VCR video(s) concerning maintenance safety and operation of unit supplied

16. **OPTIONS** (Please price options separately)

- ___ ___ 16.1 Light kit to include two (2) front working lights, one (1) rear working light.
- ___ ___ 16.2 Manufacturers recommended drive wheel and rear weights for use with snow blower or broom
- ___ ___ 16.3 Fixed angle 58 inch rotary broom designed for snow removal with mounting kit and accessories
- ___ ___ 16.4 72 inch rear discharge cutting deck in lieu of side discharge as specified
- ___ ___ 16.5 30 cubic foot trailer type grass collection system with a minimum 5 h.p. gasoline powered vacuum engine complete with mounting kit and accessories
- ___ ___ 16.6 72" mulching deck in lieu of 72" side discharge deck
- ___ ___ 16.7 72" Lastec Articulator Deck Model #325EF, with 3" lift cylinders in lieu of 72" side discharge deck
- ___ ___ 16.8 72" Lastec Articulator Deck Model #325EF (separate)
- ___ ___ 16.9 Note: All attachment equipment must be completely assembled and installed by the successful bidder prior to the appropriate season.

EQUIPMENT SPECIFICATIONS
 (Item 8)
RIDING SAND TRAP RAKE

1. **QUANTITY: Minimum (2)**

2. **DESCRIPTION:**

- 2.1 New and of current model and design; 3-wheel drive riding sand trap rake
 2.2 Toro Sand Pro 3040 or equivalent

Meets spec

yes no

3. **ENGINE**

- ___ ___ 3.1 4 cycle gas engine, minimum 16 H.P.
 ___ ___ 3.2 Pressure lubricated, with spin-on oil filter
 ___ ___ 3.3 Dry, replaceable air filter

4. **TRACTION DRIVE**

- ___ ___ 4.1 Variable speed, hydrostatically driven, 3-wheel drive system
 ___ ___ 4.2 Hydraulic oil cooler
 ___ ___ 4.3 Replaceable hydraulic oil filter
 ___ ___ 4.4 Single pedal forward \reverse traction pedal
 ___ ___ 4.5 Minimum 7 mph forward speed

5. **ELECTRICAL**

- ___ ___ 5.1 12 volt battery
 ___ ___ 5.2 Dash mounted ignition key switch
 ___ ___ 5.3 Hour meter
 ___ ___ 5.4 Ammeter

6. **STEERING**

- ___ ___ 6.1 Gear driven assist

7. **BODY \CHASSIS \RAKE**

- ___ ___ 7.1 Deluxe, adjustable, padded seat
 ___ ___ 7.2 Hydrostatic braking, with mechanical parking brake
 ___ ___ 7.3 Minimum 40" manually operated front dozer blade
 ___ ___ 7.4 Standard rear rake (tooth rake) , hydraulic lift \lower
 ___ ___ 7.5 Tubeless knobby tread tires
 ___ ___ 7.6 Quick attach system
 ___ ___ 7.7 Series/Parallel 3 wheel drive

8. **MANUALS**

- ___ ___ 8.1 One (1) Operators manual
 ___ ___ 8.2 One (1) Parts manual
 ___ ___ 8.3 One (1) Service Manual

9. **OPTIONS**

- ___ ___ 9.1 Spring tine toolbar
 ___ ___ 9.2 Drag mat with carrier, and all necessary hardware
 ___ ___ 9.3 Hydraulic Blade lift control for operation of front blade
 ___ ___ 9.4 Rear tooth rake
 ___ ___ 9.5 Rear spring rake
 ___ ___ 9.6 Rear spiker
 ___ ___ 9.7 Hydraulic flex blade
 ___ ___ 9.8 Blower and dump

EQUIPMENT SPECIFICATIONS
(Item 9)
TRI-PLEX TEE MOWER

Quantity: Minimum (2)

1. DESCRIPTION

- 1.1 New and of current model and design, hydrostatically driven, hydraulic reel lift, 3-reel, floating heads, tri-plex mower
- 1.2 Acceptable Toro Reelmaster 3100D w/sidewinder or equivalent

Meets Specs
yes no

2. ENGINE

- 2.1 Three (3) cylinder, liquid cooled diesel engine
- 2.2 Minimum 21.5 horse-power

3. TRACTION DRIVE

- 3.1 Three (3) wheel drive
- 3.2 Hydrostatic variable displacement hydraulic pump with high torque motors with integral full differential or approved equal
- 3.3 Hydraulic powered, rear wheel steering.
- 3.4 Series parallel traction system.

4. HYDRAULIC REEL DRIVE

- 4.1 Fixed displacement motors- directly coupled to reels

5. OPERATOR CONTROLS

- 5.1 Disc type parking brake on front wheels- hand lever actuated
- 5.2 Reel engagement switch
- 5.3 Hand throttle lever
- 5.4 Hand or foot operated reel lift\lower
- 5.5 High back seat with arm rests
- 5.6 Automotive design, tilt steering wheel

6. GAUGES OR WARNING LIGHTS

- 6.1 Hour meter
- 6.2 Ammeter\alternator
- 6.3 Coolant temp
- 6.4 Oil Pressure

7. REELS

- 7.1 Minimum 22" floating heads
- 7.2 Minimum 5" diameter
- 7.3 Minimum 7 blades

- 7.4 Bedknife to reel adjustment
- 7.5 Minimum 2" diameter grooved or spiral front roller
- 7.6 Minimum 2" diameter smooth rear roller with scraper
- 7.7 3/8" to 2" height of cut adjustment
- 7.8 Minimum 62" mowing width
- 7.9 Cutting units travel 12" left or right from center

8. GROUND SPEEDS

- 8.1 Mowing speed: 0-3.7 mph
- 8.2 Transport: 0-7.6 mph
- 8.3 Reverse: 0-3.5 mph

9. MANUALS

- 9.1 One (1) Operators manual for traction unit and cutting heads
- 9.2 One (1) Parts manual for traction unit and cutting heads
- 9.3 One (1) Service manual for traction unit and cutting heads
- 9.4 Preventive maintenance checklist as recommended by the manufacturer
- 9.5 VCR video concerning maintenance and operation of unit

10. OPTIONS

- 10.1 Grass Catchers for all three cutting heads
- 10.2 Light kit
- 10.3 Mounted front & rear tire
- 10.4 Back lapping Kit
- 10.5 Vertical Mower units
- 10.6 Smooth 20x10-10 2ply tires
- 10.7 Set of three (3) 11 blade cutting units, height of cut 3/16" and lower
- 10.8 Briggs & Stratton Vanguard V-Twin, 4-cycle, 2 cylinder OHV with 18 minimum horsepower @3200rmps

EQUIPMENT SPECIFICATIONS
(Item 10)
PRECISION TRIM MOWER

Quantity: Minimum (3)

1. DESCRIPTION

- 1.1 New and of current model and design, hydrostatically driven, hydraulic deck lift, 3- floating deck, precision trim mower
- 1.2 Acceptable Toro Groundsmaster 3500D w/sidewinder or equivalent

Meets Specs
yes no

2. ENGINE

- ____ 2.1 Three (3) cylinder, turbo charged, liquid cooled diesel engine
- ____ 2.2 Minimum 35 horse-power

3. TRACTION DRIVE

- ____ 3.1 Three (3) wheel drive
- ____ 3.2 Hydrostatic variable displacement hydraulic pump with high torque motors with integral full differential or approved equal
- ____ 3.3 Hydraulic powered, rear wheel steering.
- ____ 3.4 Series parallel traction system.

4. HYDRAULIC DECK DRIVE

- ____ 4.1 Fixed displacement motors- directly coupled to blade

5. OPERATOR CONTROLS

- ____ 5.1 Disc type parking brake on front wheels- hand lever actuated
- ____ 5.2 Deck engagement switch
- ____ 5.3 Hand throttle lever
- ____ 5.4 Joystick operated deck control
- ____ 5.5 High back seat with arm rests
- ____ 5.6 Automotive design, tilt steering wheel

6. GAUGES OR WARNING LIGHTS

- ____ 6.1 Hour meter
- ____ 6.2 Ammeter\alternator
- ____ 6.3 Coolant temp
- ____ 6.4 Oil Pressure

7. CUTTING DECKS

- ____ 7.1 27" rear discharge rotary with rear rollers
- ____ 7.2 Cutting units travel 12" left or right from center
- ____ 7.3 68" cutting width
- ____ 7.4 .75" to 4" cutting height
- ____ 7.5 6" anti-scalp cups on blades, rollers on desks

8. GROUND SPEEDS

- ____ 8.1 Mowing speed: 0-6 mph
- ____ 8.2 Transport: 0-9 mph
- ____ 8.3 Reverse: 0-4 mph

Company Name _____
(Item 10)

Meet Specs.
Yes No

9. MANUALS

- | | | |
|---------|-----|---|
| ___ ___ | 9.1 | One (1) Operators manual for traction unit and cutting heads |
| ___ ___ | 9.2 | One (1) Parts manual for traction unit and cutting heads |
| ___ ___ | 9.3 | One (1) Service manual for traction unit and cutting heads |
| ___ ___ | 9.4 | Preventive maintenance checklist as recommended by the manufacturer |
| ___ ___ | 9.5 | VCR video concerning maintenance and operation of unit |

10. OPTIONS

- | | | |
|---------|------|---|
| ___ ___ | 10.1 | Mulching kit |
| ___ ___ | 10.2 | Light kit |
| ___ ___ | 10.3 | Mounted front & rear tire |
| ___ ___ | 10.4 | 20x10-10 4 ply tires (rear) |
| ___ ___ | 10.5 | 20x12-10 4 ply turf tractor tires (front) |

EQUIPMENT SPECIFICATIONS

(Item 11)

TURF UTILITY VEHICLE**1. QUANTITY: Minimum (4)****2. DESCRIPTION:**

- 2.1 New and of current model and design, four-wheel Turf Utility Vehicle
 2.2 Workman 3200; or equal

Meet Specs.

Yes No**3. ENGINE**

- ___ ___ 3.1 Four (4) cycle gas engine; minimum 31 h. p.
 ___ ___ 3.2 Full pressure lubricated with spin-on oil filter
 ___ ___ 3.3 Dry, replaceable air filter

4. ELECTRICAL

- ___ ___ 4.1 12 volt heavy duty battery
 ___ ___ 4.2 Two (2) halogen headlights
 ___ ___ 4.3 Hour meter

5. DRIVE TRAIN

- ___ ___ 5.1 Forward (3 speed), neutral, and reverse gears
 ___ ___ 5.2 High-low range
 ___ ___ 5.3 Two (2) wheel brakes, with parking brake

6. STEERING

- ___ ___ 6.1 Hydraulic power steering

7. FUEL SYSTEM

- ___ ___ 7.1 Minimum 7 gallon capacity
 ___ ___ 7.2 Fuel gauge
 ___ ___ 7.3 Fuel filter

8. BODY – CHASSIS

- ___ ___ 8.1 Welded high-strength steel frame
 ___ ___ 8.2 Heavy-duty front bumper
 ___ ___ 8.3 Rear hitch
 ___ ___ 8.4 Four turf type tires
 ___ ___ 8.5 Dump box with hydraulic lift

9. OPTIONS

- ___ ___ 9.1 200 gallon capacity poly tank
 ___ ___ 9.2 18.5' dry boom, 4 way hinge, with guard
 ___ ___ 9.3 Dual diaphragm pump
 ___ ___ 9.4 6.5 gallon fresh water tank
 ___ ___ 9.5 Electric control
 ___ ___ 9.6 Operator and parts manuals for sprayer
 ___ ___ 9.7 Foam marker
 ___ ___ 9.8 Electric boom lift
 ___ ___ 9.9 Canopy
 ___ ___ 9.10 Ty-Crop Pro-Pass 180 or equivalent
 ___ ___ 9.10.1 18 cubic feet capacity

EQUIPMENT SPECIFICATIONS
(Item 12)
FLAIL MOWER

Quantity: Minimum (1)

1. APPLICATION

1.1 The Flail Mower will be utilized by the Lincoln City Golf Courses in mowing rough areas jobs of high maintenance turf where productivity and quality is essential.

Meet Specs.
Yes No

2. DESCRIPTION

___ ___ 2.1 New and of current model design. Rear mounted, PTO driven material handling unit.
___ ___ 2.2 John Deere 390 or equivalent

3. MINIMUM EQUIPMENT SPECIFICATIONS

___ ___ 3.1 Requires minimum 30 hp, PTO tractor
___ ___ 3.2 Width: 90.5"
___ ___ 3.3 Height: .5" to 5"
___ ___ 3.4 Rotor speed 1850 rpm
___ ___ 3.5 3 point hitch
___ ___ 3.6 Drive system: PTO shaft to gearbox to belts
___ ___ 3.7 Weight: 1093 lbs.

4. MANUALS

___ ___ 4.1 The following manuals shall be included in the unit bid price and shall accompany the unit at the time of delivery:
___ ___ 4.1.1 Owner's manual
___ ___ 4.1.2 Parts manual
___ ___ 4.1.3 Service manual for flail unit and all attachments

EQUIPMENT SPECIFICATIONS
 (Item 13)
REEL GRINDER

Quantity: Minimum (1)

1. APPLICATION

1.1 The reel grinder will be utilized by the Lincoln City Golf Courses in the grinding of various turf equipment reels.

Meets spec
 yes no

___ ___

2. DESCRIPTION

2.1 Foley United ACCU-Master 652 or equivalent

3. MINIMUM EQUIPMENT SPECIFICATIONS

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- 3.1 Fully automated spin/relief grinder
- 3.2 Auto traverse with traverse proximity switches
- 3.3 100% self contained
- 3.4 Internal dust collection system
- 3.5 Automatic in feed
- 3.6 Built in hoist with electric wench
- 3.7 Digital alignment gauge
- 3.8 Electrically interlocked doors, machine shut off
- 3.9 Variable speed traverse motor
- 3.10 Variable speed spin motor
- 3.11 Minimum carriage travel – 38"
- 3.12 Initial set-up, installation and training performed by distributor

3. MANUALS

The following manuals shall be included in the unit bid price and shall accompany the unit at the time of delivery:

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- 3.1 Owner's manual and video
- 3.2 Parts manual
- 3.3 Service manual

EQUIPMENT SPECIFICATIONS
(Item 14)
EQUIPMENT LIFT

Quantity: Minimum (4)

1. APPLICATION

1.1 The equipment lift will be utilized by the Lincoln City Golf Courses in the lifting of various turf equipment units.

Meets spec
Yes No

___ ___

2. DESCRIPTION

2.1 Golf-Lift GL-9 or equivalent

3. MINIMUM EQUIPMENT SPECIFICATIONS

3.1 Lift capacity: 9000 lbs

3.2 Lifting Height: 72"

3.3 Overall Height: 111"

3.4 Overall Width: 138"

3.5 Width between post: 111"

3.6 Power Unit 2 H.P. 1PH 208-230volt 30 amp circuit

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4. MANUALS

4.1 The following manuals shall be included in the unit bid price and shall accompany the unit at the time of delivery:

- 4.1.1 Owner's manual
- 4.1.2 Parts manual
- 4.1.3 Service manual

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