

University of Nebraska-Lincoln
April 22, 2008
Request for Proposals #020230
For
Center Pivot Machine, Pipeline, and Power Feed

Key Dates and Times:

Bids Due: May 13, 2008
2:30p.m. Central Time

Office of University Services
Purchasing Department
1700 "Y" Street
Lincoln, Nebraska 68588

Requests for reasonable accommodations needed in order to participate in the process described in this RFP may be directed to the Office of Equity, Access & Diversity, 128 Canfield Administration; phone- (402) 472-2322; Voice/TDD-(402) 472-3417.

SECTION 1.0: COVER SHEET; SPECIFICATIONS

PROPOSAL COVER SHEET

UNIVERSITY OF NEBRASKA-LINCOLN

Office of University Services

Purchasing Department

1700 "Y" Street

Lincoln, Nebraska 68588-0645

PROPOSAL IN RESPONSE TO CENTER PIVOT SYSTEM

The undersigned authorized officer of the bidder firm represents that the bidder has carefully examined the specifications and conditions contained in the RFP. The bidder fully understands the type and quality of the product(s) and/or service(s) and/or other consideration sought by the University of Nebraska-Lincoln and hereby proposes to supply such in accordance with the Proposal accompanying this cover sheet.

The bidder acknowledges its receipt of addenda numbered ____ through ____ and further agrees that the provisions of such addenda, as well as those of the RFP, are fully incorporated into bidder's Proposal, unless otherwise clearly stated to the contrary in the Proposal. Proposals containing exceptions to RFP provisions may not be favorably received.

The bidder represents and warrants the proposal submitted is not the result of collusion with other eligible bidders or with any employee or agent of the State of the Nebraska or the University of Nebraska, and no effort has been made to preclude UNL from obtaining the most advantageous response possible to this RFP.

Except where a written signature is required, please type or clearly print the following:

BIDDER FIRM: _____

By: _____ Date: _____
Authorized Signature

Signing Officer's Name and Title: _____

Correspondence to the bidder with respect to this RFP may be directed to:

Name: _____ Phone Number: _____

Title: _____ FAX Number: _____

Address: _____ Email Address: _____

UNL appreciates your consideration of this Request for Proposals and looks forward to receiving your response.

**UNIVERSITY OF NEBRASKA-LINCOLN
OFFICE OF UNIVERSITY SERVICES
PURCHASING DEPARTMENT
1700 "Y" STREET
LINCOLN, NE. 68588-0645**

INVITATION TO BIDDERS

FOR

CENTER PIVOT MACHINE, PIPELINE AND POWER FEED

The University of Nebraska-Lincoln is requesting proposals from qualified Bidders for a new current model year Center Pivot Machine, Pipeline and Power Feed. Delivery and set up location will be the University of Nebraska, Agriculture Research and Development Center (ARDC), 1071 County Road "G", Ithaca, NE 68033-2234. It is our intent to receive proposals demonstrating the capability to provide the quality of equipment and services required to meet the needs and objectives of the University.

Sealed requests for proposals (RFP) for furnishing, delivering the center pivot system to the University of Nebraska must be received by the Board of Regents in the University of Nebraska-Lincoln Purchasing Office, 1700 "Y" Street, Lincoln, NE 68588-0645 **no later than 2:30 p.m., May 13, 2008** at which time they will be publicly opened and read aloud. **Proposals received after this date and time will not be considered for award.**

Bidders are to respond to all requests for information and questions as listed in this Invitation to Bid. Bidders failing to provide required information will be deemed non-responsive and their proposals may not be considered for award. All University forms are to be completed and returned. Failure to complete the University forms may disqualify your bid. These forms will be a primary source of information for the proposal evaluation process along with any additional response pages, exceptions pages, and other Bidder provided material the University may deem as informational to the selection and decision process.

Bidders are requested to submit a proposal, which is directly responsive to the item, conditions, specifications, and other documents referred to in this Invitation to Bid. The University encourages alternate proposals, which may result in cost reductions, technical superiority, and/or other advantages, but must be clearly labeled as an alternate proposal. These alternate proposals should be submitted in addition to the Bidders responsive proposal to this invitation to Bid.

All proposals must be valid for a period of at least ninety (90) days from the above date to bid opening.

The University of Nebraska-Lincoln, reserves the right to reject any or all proposals, wholly or in part; to waive any technicalities, informalities, or irregularities in any proposal which does not materially affect the integrity or effectiveness of the competitive

bid process; and unless otherwise specified by the Bidder on their proposal, to accept any item or group of items in the proposal.

The University reserves the right to evaluate bids in detail, as provided in this Invitation to Bidders, and to award a contract for purchase which, in the exercise of reasonable discretion, the University determines to be in its best interest.

If no responsive bids are received, the University reserves the right to negotiate on the best terms and conditions at the best possible price. Cost of the center pivot system, warranty and installation completion date will be prime consideration for award.

The University reserves the right to conduct discussions with any or all respondents to this request for the purpose of clarification and modification of their proposal.

To review other bidding opportunities at UNL, please reference our web site at <http://purchasing.unl.edu>

University of Nebraska-Lincoln
Board of Regents



Gary L. Kraft, C.P.M.
Director of Purchasing

1.0 TERMS AND CONDITIONS

1.1 Requirements-Responding to Specifications:

Each bidder responding to this RFP is expected to submit a well organized, easy-to-read, written proposal, which clearly and coherently provides the information requested.

1.2 Communications:

All questions concerning this RFP shall be in writing, and faxed or e-mailed by the bidder and addressed to:

Lonnie Honeycutt
Senior Buyer
1700 Y Street
University of Nebraska-Lincoln
Lincoln, Nebraska 68588-0645

Fax: (402) 472-2246

E-mail: unlpurchasing2@unl.edu

1.3 Proposal Submittal Requirements:

An original and one (1) copy, (marked accordingly) of any proposal in response to this RFP must be received by the University of Nebraska-Lincoln in the Office of University Services, Purchasing Department, 1700 “Y” Street, Lincoln, Nebraska 68588-0645 no later than the date and time set forth on the cover of this RFP. At that time, the proposals will be **opened publicly and read aloud**. No proposals received after the opening date and time will be considered. All proposals submitted, along with any exhibits, addenda or modifications, shall be the property of UNL.

1.4 Address/Identification/Delivery:

Each bidder is responsible for properly identifying, addressing and ensuring the delivery of their proposal. The proposal shall be marked “**RFP # 020230 –Center Pivot System**” and addressed and delivered to: **University of Nebraska-Lincoln, Office of University Services, Purchasing Department, 1700 Y Street, Lincoln, NE 68588-0645**. Personal deliveries shall be identified and addressed in the same manner and delivered to the purchasing department receptionist, who will apply a time and date stamp to the package.

1.5 Bidder Questions, Clarifications, and Addenda Interpretation:

It is the responsibility of each bidder to become familiar with the project requirements. Lack of knowledge concerning the project requirements will not relieve bidders of the conditions required as responsive to this RFP.

No interpretation related to the requirements of this RFP will be made verbally to any bidder by UNL. Any request for bid interpretation shall be put in writing and faxed or e-mailed by the bidder and addressed to:

University of Nebraska-Lincoln
Purchasing Department
1700 Y Street
University of Nebraska-Lincoln
Lincoln, Nebraska 68588-0645
Attn: Lonnie Honeycutt, Senior Buyer

FAX (402) 472-2246
E-mail: unlpurchasing2@unl.edu

In order to be given consideration, any requests for interpretation must be received no later than 11:59 p.m. Central Standard Time on May 6, 2008. Any and all interpretations and any supplemental instructions provided by UNL shall be in the form of a written addenda to the specifications, which if issued, will be mailed, e-mailed or faxed to all known interested parties or bidders, or such other form of communication as UNL deems reasonably likely to reach interested parties. All bidders should check the UNL Purchasing Department website (<http://purchasing.unl.edu>) from time-to-time in order to inform themselves of any addenda to the RFP. The bidder, not UNL, is responsible to secure notification and delivery of any addenda. Failure of any bidder to receive any addenda or other information released by UNL after the initial distribution of this RFP shall not relieve the bidder from the obligations specified in addenda or other releases. All addenda shall be incorporated in the RFP to the same effect as if they were set out in the initial RFP release.

The bidders are solely responsible for providing their correct addresses and fax numbers for any response to inquiries. UNL is not responsible for lost or undeliverable responses.

1.6 Cost of Preparation:

UNL will not be responsible for any costs incurred in preparation of the bidder's proposal.

1.7 Bidder Requested Exceptions:

Any exceptions requested by a bidder with respect to any requirement of this RFP must be specified in writing as part of the submitted proposal. Specific reference must be made to the paragraph numbers or other identifying criteria with respect to any exceptions proposed by the bidder. Generally, UNL will not look favorably upon the request for any exceptions. However, UNL recognizes that in certain instances, an exception may be appropriate, and therefore, will consider and reserves the right to grant exceptions when UNL deems such exceptions promote its best interests.

1.8 Subcontractors:

The bidder shall not subcontract all or substantially all of any facet of the Proposal without the prior written approval of UNL. The bidder shall be fully responsible for the acts and omissions of its subcontractors and of the persons directly or indirectly employed by them. Every subcontractor shall be bound by the terms of any contract awarded under this RFP; provided however, that no contractual relationship shall exist between any subcontractor and UNL, unless it is evidenced in a separate contract independent of the contract with the successful bidder.

SPECIFICATIONS PAGES **CENTER PIVOT IRRIGATION SYSTEM**

SCOPE OF PROJECT

The University of Nebraska-Lincoln is requesting bids from qualified Bidders for a new Center Pivot Machine, Pipeline and Power Feed. The University is not specifying a brand, make, or model of irrigation machine. Vendors may submit more than one proposal. Each brand, make and model of center pivot machine being bid, must be submitted as a separate bid.

Site location for installation of Center Pivot Irrigation System is: University of Nebraska Agricultural Research & Development Center, Ithaca, NE. SW1/4, SEC 20, R9E, T14N. Approximately 77 acres under main span, 90 acres with endgun coverage.

The University recommends that all Vendors make a site visit prior to submitting their proposal. To schedule site visit and driving directions please contact Mr. Bob Weatherly @ (402) 624-8044.

The center pivot machine must be self-propelled with a main system length of approximately 1030 ft. The limiting factors on the length of system are: fence to the East, and tree line to the west. Well is located approximately 885' north-northwest of pivot point. Bid includes all installation. GPS map enclosed is only for reference.

Vendors are required to submit an itemized list of all components and options with their proposal(s). Additionally, Vendors are required to specify any equipment deviations with associated costs from the following suggested list.

Manufacturer/dealer support location to be within a 30 mile radius of the ARDC.

Please see included map for reference. All distances are approximate.

CENTER PIVOT MACHINE - MINIMUM SPECIFICATIONS:

Self propelled 480-volt electric center pivot irrigation system.

Nominal 1030' total span and overhang length, with consideration to limit overhang length.

Hot dipped galvanizing throughout the machine.

Recapped radial tires (11 x 24.5R), wheels w/galvanized rims

Sprinkler nozzle package to use Nelson R3000 Rotator Orange Plater with 15 PSI regulators on polyethylene drops with steel goosenecks.

System flowrate 580 gpm with endgun ON.

Vendors are required to provide nozzle package performance/design printout prior to installation.

End gun with booster pump, sized to match water distribution of main system using Nelson 800 Series Control valve with filter kit.

Control panel to include the following features:

(Equivalent to Valley Pro or Zimmatic GrowSmart FieldBoss)

Digital display and control of:

- Water application and travel rate

- Field position (angular position)

- Operating pressure indicated by transducer

- Auto start/stop & restart, pump start, and delay restart

- User specified end gun on/off tables

- Stop in slot ON/OFF

- Auxiliary functions (2), Run Timers and Hour Meters

- Multi step programming capability for irrigation system scheduling and management.

Radio/modem telemetry package for remote control and monitoring using existing Valley CAMS or Zimmatic GrowSmart basestation telemetry software and hardware.

Surge and over current protection; lightning arrestor.

Running light at last tower of main system indicating last tower motor operation.

Strobe Light at pivot point indicating system ON.

Manufacturer logo, if any, to hang from end span not to interfere with water application.

Pivot pad as recommended by manufacturer and anchor equipment.

PIPELINE (estimated length 900') - MINIMUM SPECIFICATIONS:

Gasket 8" PVC Pipe 1120 IPS or PIP 100 psi SDR 41

Burial to 3.5' on straight line smooth surface with appropriate backfill methods to maintain pipeline integrity.

Concrete blocking at all transitions

PVC, Epoxy Coated, or Galvanized Risers

Air/Vacuum Relief and ringlock pumpout access port at Pivot

Flanged terminal riser at well

Elbows, tees, and other fittings as necessary to complete installation.

Connection at Pivot

POWER FEED - MINIMUM SPECIFICATIONS:

Well to Pivot:

Install 3 Phase 480volt (three conductor and ground) sized not to exceed 3% voltage drop to service specified center pivot system per ASAE Standard S397.2 and NEC.

Estimated length 910' terminating at pivot disconnect. Ground Rod.

Pump Control wire from well to pivot point.

12-2 w/Ground from pivot to well 900'.

Vendor to make connection at pivot. University will provide electrical service at well.

Please see included map for reference. All distances are approximate.

PROPOSAL PAGE

Brand: _____ **Make:** _____

Model: _____ **Year:** _____

BID PRICE EACH (PRICE INCLUDES INSTALLATION):

CENTER PIVOT \$ _____

PIPELINE (900 feet) \$ _____

Price per foot installed 8" nominal... \$ _____

Specify Pipe Used \$ _____

POWER FEED \$ _____

Specify wire size and material (Power) \$ _____

Specify wire size and material (Pump Control) \$ _____

If your company were to receive a Purchase Order by May 15, 2008, what would be your earliest guaranteed delivery, installation and system operational date? _____

In the event the University delays installation until September 2008, please list your company's discount from the above bid price: _____%.

How many miles from the ARDC is the support dealer? _____ miles.

Warranty: _____

Vendors are required to attach a complete itemized equipment list showing system part name with order code number, part price and all installation labor costs.

Have you attached your parts price list and labor costs to your proposal?

Yes ____ No ____

COMPANY _____ **SIGNED BY:** _____

OPTIONAL EQUIPMENT AND COST:

**Install pivot control panel at well site, including control wiring,
in lieu of pump control wiring. Specify pivot location method.** \$ _____

Wheel/Tires 11.2x38 in lieu of base tires _____ \$ _____

Wheel/Tire 14.9x24 in lieu of base tires _____ \$ _____

Sprinklers Nelson N3000 Nutator Blue in lieu of R3000 _____ \$ _____

Sprinklers Nelson S3000 Spinner Yellow in lieu of R3000 _____ \$ _____

Modular Drop Weights _____ \$ _____

_____ \$ _____

_____ \$ _____

_____ \$ _____

_____ \$ _____

_____ \$ _____

COMPANY _____ **SIGNED BY:** _____

