

OUTAGAMIE COUNTY
REQUEST FOR PROPOSAL
FOR
REPLACEMENT HOOKLIFT ASSEMBLY
FOR
DEPARTMENT OF SOLID WASTE

DUE BY: February 26, 2014

1.0 **Introduction and Background**

The Outagamie County Department of Solid Waste is seeking proposals for the replacement of the hooklift assembly, including hydraulic pump, controls, and lift assembly. Existing unit (SwapLoader SL-545) shall be removed from Owner's existing 2013 WesternStar 4700SB chassis, and new unit shall be mounted onto existing chassis. Vehicle will remain in use during proposal period, and can be viewed at the Department of Solid Waste, located at 2006 Holland Road in Appleton, WI. However, before viewing an appointment must be made with Jeff McNichols or Bill Long (contact information in Section 7.0)

2.0 **Specifications**

This replacement project shall include the complete removal of the existing hooklift system, including the cab controls, hydraulic system, and lift assembly. All existing equipment mounts not used in installation of new unit shall be removed.

The new installation shall not modify the Dept of Solid Waste's chassis in any way that affect warranty of vehicle that is effect at the time of installation. Inquiries to the terms and conditions of the warranty shall be addressed to the vehicle vendor.

Contractor shall provide all equipment, labor, and testing of system, and shall provide Solid Waste with training on proper use and maintenance of the system. A minimum of 2 copies of all manuals, diagrams, and test data shall be bound in 3-ring binders and delivered to Solid Waste.

Contractor shall warrant all equipment and installation, per the following schedule:

Parts and Labor	1 year Full Replacement
Parts	3 years beyond Parts and Labor Warranty

All work shall be completed at the Hooklift Vendor's facility. Solid Waste will deliver vehicle to Vendor, and Vendor shall return vehicle to Solid Waste when installation is complete, and provide On-Site training to Owner's personnel. The vendor's facility must be located within the state of Wisconsin.

Disposition of the existing hooklift system will be the responsibility of the equipment vendor.

Minimum Specifications - Note that this list include the minimum requirements of equipment. Actual specifications data may be increased dependant on Contractor equipment, but proposal shall include items with ratings no less than stated below:

HOOKLIFT ASSEMBLY

- Hooklift Assembly shall be rated for a minimum lifting and dumping capacity of 54,000 pounds.
- Assembly shall be capable of lifting and transport of skid-mounted containers up to 22 feet in length.
- Unit shall achieve a minimum of a 57 degree dump angle, based on the 40± truck frame height.
- Rear end of skid-mount containers shall be supported by a pair of flanged rollers,

adjustable to handle container frames up to 41 5/8" in width. Rollers shall be in excess of 6" diameter.

- To accommodate Owner's compactor boxes, the length from the hooklift forward position to the rollers, shall be 200"±.
- Existing truck chassis has a 174" cab-to-trunnion length. New hooklift assembly shall be mounted to provide an optimum condition of stability and weight distribution.

HOOKLIFT OPERATION

- Hooklift arm shall hydraulically move the containers horizontally on frame, with container locks engaged, and shall be capable of adjusting position of container for transport, to maintain weight distribution.
- Arms shall be pivot type operation. Articulated or tilting arms designs will not be accepted.
- Hooklift assembly design will include dual operations for dumping and for lift/transport of containers. Container body locks shall be installed to maintain container position during dumping operation. Hooklift arm shall reach rearward and down to engage crossbar of container A-frame, by means of double articulation.
- A mechanical lock system shall be incorporated in the to the frame section to ensure to mast remains locked during dumping operations.
- Hooklift arm operation shall be locked out from operating while unit is in operation for dump mode.

HYDRAULIC CYLINDERS

- Provide dual double-acting cylinders with integral dual counterbalance valves for dump/lift operation. Cylinders shall be sized for capacity of assembly, and shall be a minimum of 7" diameter, with a 3 ½" shaft diameter. The overall stroke shall be determined through the unit design, but shall be a minimum of 72".
- Provide a single double-acting cylinder for hooklift arm with integral counterbalance valve. Cylinder shall be sized for capacity of assembly, and shall be a minimum of 5" diameter, with a 3" shaft diameter.
- External mounted counterbalance valves will not be accepted.

HYDRAULIC SYSTEM

- Hydraulic pump shall be a direct mount to transmission PTO shaft, rated at 32 GPM, at 1500 RPM, with a 3,500 PSI maximum operating pressure.
- Reuse of the Owners existing oil reservoir tank will be allowed. Vendors shall remove and thoroughly clean existing tank for any contaminants, and shall reinstall tank in it's existing configuration. (Note that tank is heated by engine coolant system, so disconnection of coolant lines will require bleeding of coolant system when tank is reinstalled.)
- Install 30 mesh suction strainer, with bypass relief, into existing tank, (if reused).
- Provide a return line filter assembly, with a replaceable 10 micron filter cartridge.
- Hydraulic control valve shall be stackable type, with JIC 37 degree fittings,

- containing an integral relief valve rated at 3,500 PSI.
- System hoses shall be rated at 3,500 PSI, with JIC 37 degree swivel fittings, SAE 1000R12, or equivalent.
- All hydraulic fittings shall be SAE O-ring boss or JIC 37 degree fittings.
- Provide dual control levers, cable controlled, in truck cab and at rear of truck cab, on drivers side. Control levers shall have spring operated return-to-center function.

ASSEMBLY FRAME

- Frame shall be constructed of not less than 5/16" thick A572 50KSI steel. Frame configuration shall not exceed 11 1/2" height above the truck frame, and shall be configured in a 'z' shape.
- No metal-to- metal contact between the assembly frame and the container skids will be allowed. Provide a minimum of 5 skid pads on the top of each assembly frame rail, of Teflon, Nylatron, or equivalent material. Skid pads shall be mechanically fastened to rail, for future replacement.
- Vendor will be allowed to use existing frame mounting brackets, if applicable to replacement assembly, or new mounting brackets will need to be provided. Mounting shall be with bolted connections, any welding to Owners truck frame will require prior approval.

HOOK ARM CONSTRUCTION

- Hook Arm shall be constructed of a minimum of 3/8" thick A656 80KSI steel. Arm shall be constructed with a 5-sided configuration
- Hook Arm shall be capable of reaching the lift bar of a container that is sitting 13" below the grade of the truck tires.
- Hook arm shall be configured to secure a container on the truck, in the transport position, without the use of any hook locking type of device.
- Container hook shall be an integral part of the arm assembly, and shall be fully welded. The use of bolt-on hook assemblies will not be accepted.

PIVOT PINS

- Hooklift pins shall be made of high-strength CFR materials, the use of stainless steel will not be accepted. Provide grease fitting on all pin locations, ensure fittings are accessible with hook arm in the fully retracted position.

REAR STABILIZER

- Provide frame mounted rear stabilizer, with integral bumper, onto truck chassis. Set stabilizer to contact surface at rear of vehicle to avoid imbalance of vehicle when loading or dumping. Set point shall be contact with surface to maintain front tires contact with surface through all lifting/dumping operations.

INSTALLATION

- Vendor must complete installation within 7 days of Solid Waste's delivery of vehicle. Extensions of time will not be allowed, vendor must have all materials available prior to Solid Waste delivering vehicle.

3.0 Deviations & Exceptions

Any deviations from the standard conditions in the Request for Proposal and specifications shall be described fully and appended on the Proposal Form as an attachment on the proposer's letterhead over an authorized signature of the person representing the proposer.

4.0 Insurance and Indemnification

The awarded vendor must abide by the requirements set forth in Attachment A.

5.0 Payment

Lump sum payable upon final demonstration, training and acceptance of the entire work. Contractor shall supply Solid Waste with As-Built diagrams, all operating manuals, and test data indicating acceptable test results.

6.0 References

Along with your proposal, submit a list of three companies to whom you have performed similar services you proposed. This list shall include at a minimum; a company name, a contact person and their telephone number, fax number and e-mail address.

7.0 Contacts

All requests for further information should be directed to the following –

Purchasing Policy & Procedure Information

Nicole Schoultz

Purchasing Coordinator

(920) 832-6083

Nicole.schoultz@outagamie.org

8.0 Clarification and/or Revisions to the Specifications and Requirements

Proposer must examine the RFP documents carefully and before submitting a Proposal may request from the County's contact person(s). A Proposer's failure to request additional information or clarification shall preclude the Proposer from subsequently claiming any ambiguity, inconsistency, or error.

Requests for additional information or clarifications must be made via phone or email later than three days before the due date.

The County will issue responses to inquiries and any other corrections or amendments it deems

necessary in written addendum prior to the Proposal due date. Proposers should rely only on the representations, statements or explanations that are contained in this RFP and the written addendum to this RFP. Where there appears to be a conflict between the RFP and any addendum issued, the last addendum issued will prevail.

It is the Proposer's responsibility to assure receipt of all addenda. Outagamie County will send addenda by mail to only those Proposer(s) recorded by the County as having been sent and/or received a copy of the RFP documents from the County. In addition, Proposer(s) may inspect the RFP documents at the place where they are made available. Upon such mailing or posting, such addenda shall become part of the RFP and binding on Proposer(s).

9.0 **County Reservation**

Outagamie County openly solicits the best possible value on all of our "Requests for Proposals". Because we are a local government, we are able to purchase directly from many of the state and federal contracts. However, in order to not discriminate against our local proposers, we openly solicit proposals of similar pricing structure from all qualified proposers. In the event that all proposals received are in excess of any existing state or federal contract that is available to Outagamie County, we may at our discretion, reject all proposals, and purchase directly from the vendor awarded the state or federal government contract. Outagamie County reserves the right to accept or reject, any or all proposals, in whole or in part, as deemed in the best interest of the County.

- a. This proposal request does not commit Outagamie County to make an award or to pay any costs incurred in the preparation of a proposal in response to this request.
- b. The proposals will become part of Outagamie County's files without any obligation on Outagamie County's part.
- c. The proposer shall not offer any gratuities, favors, or anything of monetary value to any official or employee of Outagamie County for any purpose.
- d. The vendor shall report to Outagamie County any manufacturer product price reductions, model changes, and product substitutions. No substitutions are allowed without prior approval from Outagamie County.
- e. Outagamie County has the sole discretion and reserves the right to cancel this proposal and to reject any and all proposals received prior to award, to waive any or all informalities and or irregularities, or to re-advertise with either an identical or revised specification.
- f. Outagamie County reserves the right to request clarifications for any proposal.
- g. Outagamie County reserves the right to select elements from different individual proposals and combine and consolidate them in any way deemed to be in the best interest of Outagamie County.

10.0 Closing Date

Outagamie County will receive proposals up to 2:00 p.m. CST, February 26, 2014.

11.0 Proposal Submittal

Email and fax proposals will not be accepted.

Provide one original proposal and one copy. Provide information regarding the solution to meet the requirements in Section 2.0 and provide information on any deviation from the requested specifications.

Proposals shall be sent or delivered to -

Outagamie County Purchasing
Attn: Nicole Schoultz
410 S Walnut St (4th Floor)
Appleton, WI 54911

12.0 Taxes

Outagamie County is exempt from Federal Excise Tax (39-6005724), Wisconsin Sales Tax (ES 41005), but if there is a tax, such as local or county, it must be shown in the proposal.

13.0 Method of Procurement

The method for this procurement is competitive proposal, pursuant to Chapter 22 of the Outagamie County Code of Ordinances. After submission of the written proposal, qualified proposers may be requested to make an oral presentation to a committee responsible for making final recommendations. The process allows for confidential negotiations and revisions.

14.0 Venue

This agreement will be governed and construed according to the laws of the State of Wisconsin. This agreement is performable in Outagamie County.

15.0 Status of Proposal

Upon award, proposals will be considered public record and details will be posted online. Information on status could be obtained from Outagamie County's web site www.outagamie.org than **Status of Bids/Proposals**.

OUTAGAMIE COUNTY PROPOSAL FORM
Hooklift Assembly Replacement

Proposals Due: February 26, 2014 -- 2:00 p.m. CT

Send/Deliver Proposals To: Outagamie County Purchasing
Attn: Nicole Schoultz
410 S Walnut St (4th Floor)
Appleton, WI 54911

Provide data sheet for the equipment proposing. Include references and any deviation to specifications.

Lump Sum Installed Price \$ _____

Proposed Manufacturer & Model _____

Expected completion of the installation will be _____ days from receipt of an agreement.

Firm Name: _____

Authorized Signature: _____

Print name: _____

Title: _____

Date: _____

Address: _____

City/State/Zip: _____

Phone/Fax: _____

E-mail: _____