



Serving Lucas, Marion, Monroe and Poweshiek Counties

Office & Landfill: 1736 Highway T17 ▪ Tracy, Iowa 50256 ▪ Tel: 641-828-8545 ▪ Fax: 641-842-3722

Poweshiek Transfer Station: 1163 Highway 6 ▪ Malcom, Iowa 50157 ▪ Tel: 641-528-2801

www.sciswa.org

Request for Proposals

Notice

Notice is hereby given that the South Central Iowa Solid Waste Agency will receive sealed proposals for the purchase of one transfer trailer meeting the requirements set forth in this document.

Proposals shall be submitted on the forms provided by the Agency as part of this RFP. All proposals shall be placed in a sealed envelope clearly identified as “*Transfer Trailer Proposal.*”

FAXED BIDS WILL NOT BE CONSIDERED.

Proposals shall be received up to, but no later than 4 p.m. November 30, 2021, at:

South Central Iowa Solid Waste Agency
1736 Highway T17
Tracy, Iowa 50256

Questions must be directed to Rick Hurt at 641-828-8545.

Proposals received by the deadline shall be opened and evaluated by staff, who will present a recommendation during the regular meeting of the Board of Directors of the South Central Iowa Solid Waste Agency scheduled for 9 a.m., December 8, 2021. The Board may choose to act upon the recommendation during that meeting or delay action until such later time and place as may be identified.

The Agency wishes to take delivery of the Transfer Trailers at the earliest practical date after July 1, 2022. As such, guaranteed date of delivery to the Agency’s Poweshiek Transfer Station shall be a criterion used in selecting the successful Proposer.

General Information

Intention: The Agency intends to purchase one transfer trailer meeting the general and special requirements set forth within this document. The intention is to balance trailer capacity and design strength to optimize payload. Any parts or units not specifically mentioned but necessary to form a complete working unit must be included in the proposed unit and covered by the proposed price.

Use: The Agency owns and operates three semi-tractors and four transfer trailers to haul approximately 18,000 tons per year of municipal solid waste.

Waste is top-loaded into the trailer, which is attached to a semi-tractor, at the Poweshiek Transfer Station. Loaded trailers are hauled a one-way distance of approximately 57 miles to the Agency Landfill. The trailer operates on public highways and on unimproved access roads at the Landfill and in all weather conditions.

Technical Specifications

General:

Each Transfer Trailer:

- Must be a new open top, aluminum tandem axle semi-trailer with a hydraulic operated live floor designed to haul municipal solid waste.
- Must be designed to handle the shock loads imposed by top loading with some additional compacting by a loader bucket.
- Must be the manufacturer's latest design and production, manufactured in the current year, complete, serviced, and ready to operate and including all standard equipment, unless otherwise specified below.
- The equipment design and accessory installation must permit convenient accessibility for maintenance and service.
- Must comply with applicable portions of Federal and State of Iowa code, Department of Transportation standards, O.S.H.A. safety regulations, and all other regulatory requirements pertaining to highway vehicles of this type. Failure of the Agency to specify the requirement shall not absolve the proposer from meeting the regulation.

Construction: All materials and components shall be new. The construction shall be rugged with ample safety factors provided for operation in the kinds of conditions typical for MSW transfer in Iowa weather. Welding shall not be employed to assemble the trailer in such a manner to prevent the ready removal of any component part for service or repair. All components and assemblies shall be free of hazardous protrusions, edges, cracks, and other elements that might cause injury to personnel during operation or maintenance of the trailer.

Component Protection: All oil, hydraulic, air tubing and electrical wiring shall be located in protected positions properly clipped to the frame or body structure. Protective looms, grommets, or connectors shall be furnished at each point where they pass through structural members. All components shall be properly mounted and protected against damage due to vehicle operation over rough terrain.

Dimensions:

- Length48 feet
- Width..... 102 inches
- Total height Not to exceed 13 feet, 3 inches
- Capacity At least 120 cubic yards

Floor and Drive Unit:

- Hallco i6000 series drive unit or equal is acceptable
- Two Year Factory Warranty on all Hydraulic parts and material
- Hallco Leak-Resistant, Heavy Duty slats or equal is acceptable
- 48”wear strips at discharge end of the trailer
- Subdeck: 1” x 2” rectangular steel tubing or aluminum channel
- Manual floor controls located mid-body on driver’s side

Body Specifications

Sidewalls:

- Design must offer resistance to outward side wall bow
- Extruded double wall construction
- Continuously welded construction
- Smooth sided exterior for lessened wind resistance

Top rail:

- Heavy duty, one piece construction
- Continuously welded to side walls
- Sloped inner surface to minimize material accumulation

Bulkhead:

- Radius corners
- Aluminum sheet
- Full wrap-around design
- Internal reinforcement bands
- Solid welded
- Window: 36” from bottom of trailer to bottom of window, offset slightly toward driver side

Tailgate:

- Full height aluminum sheet
- Must close and seal to prevent gaps, leaks.
- Four heavy duty side swing hinges with replaceable hinge pins located curbside
- Manual cam operated hook and latch assembly recessed in rear pocket upright
- Each hook and latch should have two (2) grease fittings
- Safety chain and winder to assure gate remains secured when latched
- Safety chain and keyhole to secure gate open
- Rear lights must be mounted in tailgate to keep waste clear of lights when discharging waste material
- Tailgate mounted rear mud flaps

Bottom Rail:

- Continuously welded to side panels and each cross member
- Self cleaning

Cross pipes:

- At least three (3) steel cross pipes, 3” x 3”
- One located at the front of the trailer, one in the center and one located at the rear
- Bolted to the top rail, easily replaced

Ladders:

- Located on front radius corner, curbside
- Located on rear

Catwalk:

- Catwalk – must extend across full front of trailer
- Safety rail waist high
- Non-slip floor
- Access by ladder up nose of trailer onto catwalk

Hoses:

- Hang on drivers side under catwalk
- Glad hand couplers (Quick connect Parker 6600 series)
- Long enough to prevent damage if trailer jack-knifed

Tarp:

- Side-to-side belted roll tarp, 22 oz., black
- Opens to the curbside
- Removable front crank at catwalk level with tube for crank
- Steel end caps
- Easy-off tarp stops
- Provide tarp stick, 9’ tarp straps, and ratchet handles
- Ratchet handles mounted to exterior bottom rail rather than sidewall
- Side tarp straps feed through ratchet handles – no hooks or rings to rub on sidewalls
- Sioux City Tarps “Smooth Roll Xtreme®” Semi Trailer Roll up system with “Single Touch” Remote Kit.

Trailer Chassis

Chassis:

- Frame type
- Wedge type design; floor slope to rear of trailer
- Push blocks integrated into sub frame
- Two (2) tow hooks
- Recessed step centered at rear for driver access into trailer
- Underride protection bar

Suspension:

Air suspension
Manual dump valve and air gauge

Axles:

- Tandem, heavy duty, 26,000# axles

Hubs:

- Piloted steel outboard drums with 10 studs

Brakes:

- Minimum 16 1/2" by 7"
- Quick change S cam with air activation
- Non asbestos linings
- Automatic slack adjustors
- Full ABS 2 sensor/1 modulator anti-lock system
- Top mount chambers
- Heavy duty mileage indicator on drivers side front hubs

Tires/Wheels:

- 275 – 80R22.5 – 16 ply tubeless radial Michelin
- Standard tread
- 8.25" by 22.5" steel
- Provide one spare tire and rim per trailer

Mudflaps:

- 16" mudflaps located ahead of suspension
- 24" mudflaps behind suspension, mounted on rear panel

Landing gear:

- Two speed with sand shoes
- Minimum static capacity 180,000#
- 50,000# lift capacity
- Driver side crank

King pin:

- 5/16" steel plate with 2" SAE pin set at 36"

Lighting:

- Minimum 1 year warranty
- All lights shall be LED type
- Grote or Truck-Lite
- Rear panel lights recessed in tailgate bottom horizontal brace
- 3 center marker lights each side; in a protective cage
- 2 lights for stop-turn-tail per side
- All lights are rubber mounted and replaceable

Electrical/wiring:

- 12 volt system
- Seven pin trailer electrical connector, center mounted in front
- All wiring shall be jacketed, multi-conductor wire with plug together junctions
- Sealed wiring system
- Junction boxes are not acceptable

Paint:

- Steel parts sandblasted, primed, and painted with silver production grade enamel
- Aluminum natural

Corrosion protection:

- Use buffer material between dissimilar metals to adequately protect against galvanic corrosion

Conspicuity:

- Must meet all DOT specifications

Safety:

- Safety tread plate on all walking surfaces

Manuals:

- Two complete sets of operator's manuals, parts manuals, and maintenance manuals for floor system
- Two complete sets of operator's manuals, parts manuals, and maintenance manuals for trailers
- Information provided must include coverage of any other after market items installed by vendors other than the bidder

Service and Parts Availability: The Proposer must provide documentation that it maintains a well-equipped shop and/or field service facility within 100 miles of the Poweshiek Transfer Station. This facility must have available the services of a factory-trained service technician.

Document provisions for obtaining parts most likely to be replaced during regular service and for transporting such items to the Poweshiek Transfer Station or Agency Landfill within 24 hours of receiving a parts order.

Attach a list including description, part number, current price, and quantity of the spare parts for the proposed machine that the supplier recommends be stocked in its on-site inventory

Training: The successful vendor shall provide not less than four (4) hours of on-site operator, safety, and maintenance training in operation of the floor system. This training shall be done by a trained representative of the floor manufacturer.

Warranty:

- Minimum of 24 months on the entire unit, including floor.
- Warranty start date shall be Agency's in-service date
- Warranty shall cover all costs of machine repair, parts, labor, and transportation
- Attach a copy of the proposed warranty

Delivery:

- The Agency wishes to receive trailers at the earliest practical date after July 1, 2022.
- Guaranteed date of delivery will be considered during proposal evaluation.
- Prices quoted shall include the transportation and delivery of the proposed trailers to the Poweshiek Transfer Station, 1163 Highway 6, Malcom, Iowa

Trade In

The Agency will not be trading in any trailers.

Evaluation

Criteria: The Agency shall use the following weighted criteria in evaluating proposals:

<u>Criteria</u>	<u>Weight</u>
Net Purchase Price to Agency	50 percent
Service Capabilities and Pricing	10 percent
Parts Availability and Pricing	10 percent
Delivery Schedule	20 percent
Previous History with Proposer	10 percent

Available Information and Follow-up: The Agency is not responsible for locating or securing any information not included in a proposal. Accordingly, to ensure sufficient information is available, the Proposer must furnish in conjunction with its proposal, ALL descriptive material (such as illustrations, drawings, manufacturer information, service facility information, or other data) needed for the Agency to:

- Determine whether the equipment offered meets the minimum requirements of the RFP
- Establish exactly what the Proposer intends to furnish and to what the Agency would be committing in making an award to the Proposer.
- Determine the Services and Parts availability, delivery capabilities and related costs.

Failure to furnish adequate data as needed for evaluation may be cause for rejection of the proposal.

Reservations

South Central Iowa Solid Waste Agency reserves the right to ask for additional information or clarifications during the period between proposal opening and proposal award.

South Central Iowa Solid Waste Agency reserves the right to accept or reject any or all Proposals, to accept any one or more items of a Proposal, or to waive any irregularities or informalities in the Proposals or the process and may re-advertise for such upon any conditions or for any reasons deemed appropriate by the Board.

Transfer Trailer Proposal Form (1)

_____ (Company Name) hereby proposes to sell one (1) Transfer Trailer that meets or exceeds the specifications established in the Request for Proposals distributed by the South Central Iowa Solid Waste Agency.

Please indicate the price of all required items, as well as available options. The Agency will pay in cash within 60 days of acceptance of the trailers at the Poweshiek Transfer Station.

Required

1.	Manufacturer's Model Name _____	
2.	Price for one trailer	\$ _____
3.	Identify any deviation from the base specifications shown along with the cost differential	
	A.	\$ _____
	B.	\$ _____
	C.	\$ _____
	D.	\$ _____
	E.	\$ _____
4.	Two complete sets of printed manuals	\$ _____
5.	Standard Warranty: Provide length of warranty _____	\$ _____
	Net Selling Price (2+3+4+5) BASE PRICE	\$ _____

All prices provided must remain in effect until delivery of the unit on or after July 1, 2022 past the date of proposal opening.

I, _____, certify that I hold the position of _____ with _____ (Company Name) and am authorized to bind the Company to this Price Proposal.

_____ Signature _____ Date

Transfer Trailer Proposal Form (2)

_____ (Company Name) hereby proposes to sell one (1) transfer trailers that meet or exceed the specifications established in the Request for Proposals distributed by the South Central Iowa Solid Waste Agency.

Please provide the following data:

Empty trailer weight _____ pounds

Trailer capacity _____ cubic yards

Trailer dimensions
Length _____
Width _____
Total Height _____

Floor system included in proposal – must include specifications _____

Lighting _____

Guaranteed date of delivery: _____

Number of hours, if any, on proposed units: _____

Attachments

Attach the following items to aid in our evaluation:

- List of all standard and/or optional equipment included in your Base Price.
- Specifications for the proposed floor system
- Photographs and/or detailed drawings of the proposed catwalk and bulkhead window
- All warranty information.

_____ Signature _____ Date

Transfer Trailer Proposal Form (4)

_____ (Company Name) hereby proposes to sell one (1) transfer trailer that meets or exceeds the specifications established in the Request for Proposals distributed by the South Central Iowa Solid Waste Agency.

Parts Availability

Specific location of parts center available to Agency: Street Address: City/State/Zip: Telephone:	
Hours of operation:	
One-way distance from Poweshiek Transfer Station	
Closest parts drop location to the Poweshiek Transfer Station Street Address: City/State/Zip:	
Fee to Agency to have parts drop shipped to this location	
Describe processes and procedures to ensure parts availability within 24 hours of an Agency order <i>(Attach separate page if needed)</i>	
Attach a list of parts including part number, current price, and the appropriate quantity to be kept in inventory at the Landfill.	

Provide any additional discussion you believe is needed to provide a thorough description of the ability to provide parts in a timely manner:

_____ Signature _____ Date

