

REQUEST FOR BIDS

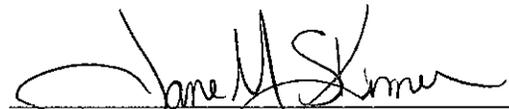
The City of Ogallala will be receiving bids until 2:00 P.M. Mountain Time on February 18, 2015 for a Three Wheel Street Sweeper.

Specifications may be obtained at the City Clerk's office.

Bids for this project should be enclosed in a sealed envelope, marked "2015 Three Wheel Street Sweeper" and returned to: Jane Skinner, Ogallala City Clerk; 411 East 2nd Street; Ogallala, Nebraska 69153, prior to the above date and time.

The City reserves the right to reject any or all bids and to waive any informality in the bids received.

Dated this 27th day of January 2015.



Jane M. Skinner, City Clerk

PUBLISH: February 2, 2015
February 9, 2015
February 16, 2015

SPECIFICATIONS; THREE WHEEL STREET SWEEPER

The sweeper to be furnished under this bid shall be a new diesel powered, double gutter broom, totally hydrostatic powered drive, brooms, elevator, and shall be capable of dumping it's load at a minimum height of 9' 6" above ground, in such a manner as to allow dumping into appropriate containers or directly on the ground. The equipment offered shall be the manufacture's latest model.

These specifications are to be considered as minimum only. Bidders may offer equipment which exceed these requirements. However, equipment which fails to meet the minimum requirements may be considered as non responsive to the city's needs. Any additions, deletions or variations to this specification must be stated and described in detail. Bidder must furnish descriptive literature, complete specifications, and warranty information on the equipment bid.

Bid price with trade in , and Bid price without trade in. Trade in info on page 8.

DETAILED MINIMUM SPECIFICATIONS

BIDDERS COMPLIANCE (YES/NO)

BIDDER INFORMATION: State the company name, address, telephone #, and principal contact person.

How long has dealer been in business? _____

How long has dealer represented equipment offered on this bid? _____

State make and model of equipment bid. _____

HOPPER: The hopper capacity plays an important role in determining productivity and reducing travel. Minimum size is 3.6 cu.yd. useable. Bidder shall state the following:

Hopper useable capacity _____

Hopper lifting capacity _____

Hopper dump height (min. 114") _____

Hopper flush system _____

Describe material and construction of hopper. _____

For Safety, a provision must apply that does not allow the sweeper To move while the hopper is raised. Please explain _____

DETAILED MINIMUM SPECIFICATIONS CONTINUED

BIDDERS COMPLIANCE

DIMENSIONS: The sweeper to be purchased shall be compact design and shall have a high degree of maneuverability to facilitate sweeping in congested areas, around parked vehicles and cul-de-sacs.

Bidder shall state the following:

Sweeping swath (double gutter broom)

Turning radius

Weight empty

Max Height with strobe and limb guard

OPERATOR'S COMPARTMENT: Shall be all steel construction with sliding windows with reinforcement, and sealed against weather and dust. The cab shall be insulated with sound suppression materials and certified by manufacturer not to exceed 83dBA while sweeping. All hydraulic and noise components shall be routed to minimize noise in the cab. Cab shall be equipped with air filtering system, air conditioning, heater, defroster, cab pressurizer, tinted safety glass, right and left sun visors, right and left cab limb guards, if not integrated into the cab structure, two speed windshield wipers with delay, safety horn, three point safety belts/harness for operators seats, air suspension operator seat/seats, tilt and telescoping steering wheel/wheels, dual west coast mirrors (sweepers with two operating positions require remote control mirrors for operator's safety), dual 12" convex mirrors, stainless steel door hinges, AM/FM/CD stereo, backup camera with LCD monitor installed in cab, sweep interrupt button

Detail deviations.

Visibility is an essential operating characteristic which will be considered in evaluating the equipment being bid.

Bidder shall state the following in inches:

Forward visibility (operator in upright position, eyes to ground in front of sweeper)

Side to side visibility to left and right from each operator's seat in cab

DETAILED MINIMUM SPECIFICATION CONTINUED

BIDDERS COMPLIANCE

ENGINE: Motive power shall be supplied by a diesel engine.
Minimum 115 hp.

The engine shall include a two stage dry type air filter with in-cab restriction indicator, and air pre-cleaner (TURBO II or equal), full flow oil filter, heavy duty cooling system with overflow reservoir, transparent overflow reservoir, fuel/water separator system with built in primary fuel filter, 35 gallon fuel capacity, oil pressure and water temperature safety shutdown system, remote oil drain, antifreeze protection shall be not less than -40 degrees Fahrenheit.

Bidder shall state the following:

Engine manufacturer

Engine model

Engine brake horsepower

Net torque rating

Mechanical or Electronic Engine

Describe access and cleaning procedure for engine radiator

TRACTION DRIVE: Due to high maintenance requirements and downtime associated with complex mechanical drive systems in street sweepers, a totally hydrostatic drive system is required. No hybrid hydrostatic/mechanical systems will be accepted.

Bidder shall state the following:

SAFEST ACTUAL Travel speeds with full load up to?

Traction pump and motors shall be relief valve protected.

DETAILED MINIMUM SPECIFICATION CONTINUED

BIDDERS COMPLIANCE

Traction system shall provide hydraulic braking assistance (without engaging actual brakes)
When control pedal is released and shall automatically shift between
high range and low range while sweeper is traveling.

HYDRAULIC SYSTEM: The hydraulic system is critical
to the operation and life of the sweeper being bid.

The bidder shall state the following:

System hydraulic oil capacity

Bidder shall describe the hydraulic filtering system
including number of filters/strainers, location of filters/
strainers and ratings of each filter/strainer

Bidder shall state the location of all hydraulic pumps
and describe the procedure for visual inspection and repairs.

Bidder shall state the location of hydraulic valve bodies, solenoids and
12V coils.

BROOM AND ELEVATOR DRIVES: Broom and elevator speed shall be completely independent of the ground drive speed or direction and shall be of a direct hydraulic drive design. Each broom and the elevator shall be directly driven by a separate hydraulic motor (no chain and sprocket drive).

DETAILED MINIMUM SPECIFICATIONS CONTINUED

BIDDERS COMPLIANCE

GUTTER BROOMS: Shall be provided on both the left and right sides of sweeper. Broom pressure shall be adjustable by the operator in the cab with a gauge or indicator showing relative down pressure. The design shall allow the brooms to return to a preset pressure after raising and lowering. Gutter broom rotation speed shall be adjustable while operating. In addition, the gutter brooms shall be adjustable in the field for gutter broom tilt without the use of wrenches. Gutter brooms shall be completely hydraulic. Bolt on design

Gutter broom diameter.

Are the gutter broom motors relief valve protected and if so, where are the relief valves located in the hydraulic system.

PICK-UP BROOM: Shall be disposable type. Must be PM10 certified. For best performance. Pick-up broom shall be completely hydraulic (no chains or sprockets). The design shall allow the pick-up broom to return to a preset pressure after raising and lowering. The pick-up broom shall be easily adjustable for even wear from side to side to maximize broom life.

Pick-up broom dimensions.

ELEVATOR: Elevator shall be of squeegee or conveyor type and shall be reversible to allow for clearing obstructions. The elevator drive system shall be direct drive from a hydraulic motor (no chains or sprockets) and have a hydraulic relief valve to protect it from damage.

Elevator flush system

WATER SYSTEM: The water tank shall be made of

corrosion proof polyethylene and shall have a minimum capacity of 220 gallons. Standard water pumps are acceptable.

State water tank capacity

Describe water filtering system.

DETAILED MINIMUM SPECIFICATIONS CONTINUED

BIDDERS COMPLIANCE

A low water indicator shall be dash mounted

A 15' hydrant hose, coupler and wrench shall be provided.

Individual adjustable broom and elevator water delivery valves and hi/low pump switch, shall be installed in the sweeper cab to allow operator to control water spray in front of main broom and gutter brooms.

STEERING: Shall be hydrostatic power. Dual steering required on units that do not have center operating position. For the operator's safety, dual steering units are required to have power remote mirrors.

Bidder shall state front or rear steer

AXLES: Steering axle to be spindle type with dual wheels/tires and heavy duty spring suspension. Manufacturer's standard drive axles are acceptable.

SUSPENSION: Do you offer a suspension both front and rear to enhance the life of the sweeper components, as well as a suspended cab for operator Comfort? Please explain

TIRES: Bidder shall provide tubeless, steel belted, radial tires. Manufacturer's standard size tires and rims are acceptable.

BRAKES: Hydraulic power brakes with an emergency/parking brake.

FOR EASE OF MAINTENANCE:

All daily grease points will be remoted to a single manifold located at the side of the Sweeper. If not offered, an autolube system must be provided

INSTRUMENTS: The instruments to be provided in the operator's compartment shall include: speedometer, odometer, fuel gauge, voltmeter, engine oil pressure gauge, water temperature gauge, automatic engine safety shutdowns, hour meter, tachometer, hydraulic tank level alarms, low water light, right and left turn signals and high beam indicator. Dual instrumentation is required on dual steer sweepers.

DETAILED MINIMUM SPECIFICATIONS CONTINUED

BIDDERS COMPLIANCE

ELECTRICAL: The electrical system shall include maintenance free battery (manufacturer's standard), 120 amp alternator, two seal beam headlights, combination stop and tail lights, two gutter broom spot lights, clearance lights, rear license plate bracket and light, self canceling turn signals with hazard flashers, back-up alarm, back-up lights and reflectors, dual rear flood lights, back-up alarm, cab dome light, horn, cab strobe light with limb guard, rear arrow-stik (halogen), hopper mounted amber strobe lights. All rocker switches shall be sealed, back lit, and identified.

All electrical connections shall be sealed and no harness splices shall be allowed.

All wires shall have embossed identification at a minimum of 12" intervals.

Describe electrical systems wiring identification system, location and protection of switches, relays, solenoid, diodes, etc.

PAINT: Describe paint process. Preparation, type of paint, and application should be included in the description.

MANUALS:

Two parts manuals

Two service/operation manuals

Engine user's guide

Driver's guide

WARRANTY: Sweeper shall carry a one year/1200 hours parts and labor warranty. Copy of the entire warranty shall be included.

DETAILED MINIMUM SPECIFICATIONS CONTINUED

BIDDERS COMPLIANCE

TRAINING: Operator/mechanic training shall be provided at no charge by dealer/ factory on customer's premises.

OPTIONAL EQUIPMENT-Price Individually

All wheel suspension that incorporates the entire sweeper. A drive motor carrier beam with full rubber spring and torque rod suspension.

\$ _____

Trade in info: 2007 Year model Tymco 600 Regenerative Sweeper
Odometer 12077; hour meter 2465. 2014 complete overhaul on blower system and housing, water system and hydraulics plus new solenoids. Very good shape. This Truck/Sweeper has excellent appearance and everything works.