

## COMPETITIVE BID #WG12-24A BID TABULATION

### Purchase & Installation of Two (2) New 25 cu. Yd. Read Load Garbage Truck Bodies

#### BIDDER: Sansom Equipment Company

Amount Bid: \$52,791.65 X 2 = \$105,583.30

Make/Model: New Way Viper

Final Delivery Time after Receipt of Order: 30 - 60 days

Bid Bond: yes

#### **\*Bidder listed three Exceptions:**

- 1) Bid required hopper shall has a capacity of approx. 3.5 to 4 cubic yard - equipment bid has a hopper capacity of 3.0 cubic yard.
- 2) Bid required side access door to be 34" x 34" - equipment bid side access door is 30" x 30".
- 3) Bid required the structural integrity of the body shall allow high density loading of up to 1,000 to 1,300 pounds per cubic yards compaction of normal refuse - equipment bid is up to 900 cubic yards.

Staff found the following list of exceptions after reviewing the equipment brochure they submitted:

- 1) The Specifications require the body floor to be 3/16" thick. A portion of the floor of the body submitted in the bid response is 10 gauge, which is thinner than the specified 3/16".  
**The thickness of the floor is a critical requirement due to the abrasion the floor must withstand from waste material being constantly pushed against the floor and the floor must also sustain constant contact with wet waste material.**
- 2) The Specifications require the body to have a hydraulic pump that produces 40-50 GPM at 1,200 RPM. The hydraulic pump described in the bid response is a 25 GPM pump and requires 1,330-1,550 RPM to attain the 25 GPM flow. **The hydraulic system flow is of great importance because without adequate flow the hydraulic system cannot provide the cylinder pressure for the pack blade to achieve maximum garbage density.**
- 3) The specifications require the body to have a hydraulic system pressure of 2,400 to 2,500 PSI. The hydraulic system capacity of the garbage truck body in this bid response is 2,200 PSI.  
**The hydraulic system pressure is an important requirement because without adequate pressure the hydraulic system cannot provide the cylinder pressure needed to achieve optimal density of the garbage placed in the garbage truck body.**
- 4) The Specifications require the hydraulic system to have a 140 micron strainer in the suction line and a 3 micron strainer in the return line. No information is included in the bid response indicating that a 140 micron strainer is supplied in the suction line, and the bid response indicates a 10 micron strainer is supplied in the hydraulic return line. **A strainer is a very important provision of the hydraulic system because the strainer prevents any contaminants from enter the hydraulic pump, valves, and cylinders. The suction strainer is the most critical because if contaminants enter the hydraulic tank, the strainer prevents the contaminants from enter the hydraulic pump.**
- 5) The Specifications require the tailgate latching mechanism to be 1" heavy-duty turnbuckles. The bid response includes an "auto latch" system. Auto latch systems are problematic and will not be accepted and the specification requirement for 1" heavy-duty turnbuckles will be enforced. **In August 2011 the Baldwin County Solid Waste Department experienced a series of automatic tailgate latch failures. These failures allowed the rear tailgate of some garbage trucks to open slightly while the sweep blade cycles, allowing liquids to leak from the body. Solid Waste staff pressure-washed the streets of an entire subdivision to clean up the stains left behind by the liquids that leaked out of the garbage truck bodies and since that incident Baldwin County Solid Waste has discontinued the specification of automatic tailgate latches.**
- 6) The specifications required that a copy of the Manufacturer's warranty be included in bid package - Bidder did not include a copy of the Manufacturer's warranty in the bid response.

**BIDDER: Sansom Equipment Company**

Amount Bid: \$53,809.96 X 2 = \$107,619.92

Make/Model: New Way Cobra

Final Delivery Time after Receipt of Order: 30 - 60 days

Bid Bond: yes

**\*Bidder listed three Exceptions:**

- 1) Bid required hopper shall has a capacity of approx. 3.5 to 4 cubic yard - equipment bid has a hopper capacity of 3.0 cubic yard.
- 2) Bid required side access door to be 34" x 34" - equipment bid side access door is 30" x 30".
- 3) Bid required the structural integrity of the body shall allow high density loading of up to 1,000 to 1,300 pounds per cubic yards compaction of normal refuse - equipment bid offered the comparable of the Wayne Fury of up to 1,000 cubic yards.

Staff found the following list of exceptions after reviewing the equipment brochure they submitted:

- 1) The Specifications require the body floor to be 3/16" thick. A portion of the floor of the body submitted in the bid response is 10 gauge, which is thinner than the specified 3/16".  
**The thickness of the floor is a critical requirement due to the abrasion the floor must withstand from waste material being constantly pushed against the floor and the floor must also sustain constant contact with wet waste material.**
  - 2) The Specifications require the body to have a hydraulic pump that produces 40-50 GPM at 1,200 RPM. The hydraulic pump described in the bid response is a 29 GPM .  
**The hydraulic system flow is of great importance because without adequate flow the hydraulic system cannot provide the cylinder pressure for the pack blade to achieve maximum garbage density.**
  - 3) The specifications require the body to have a hydraulic system pressure of 2,400 to 2,500 PSI. The hydraulic system capacity of the garbage truck body in this bid response is 2,000 PSI.  
**The hydraulic system pressure is an important requirement because without adequate pressure the hydraulic system cannot provide the cylinder pressure needed to achieve optimal density of the garbage placed in the garbage truck body.**
  - 4) The Specifications require the hydraulic system to have a 140 micron strainer in the suction line and a 3 micron strainer in the return line. No information is included in the bid response indicating that a 140 micron strainer is supplied in the suction line, and the bid response indicates a 10 micron strainer is supplied in the hydraulic return line.  
**A strainer is a very important provision of the hydraulic system because the strainer prevents any contaminants from enter the hydraulic pump, valves, and cylinders. The suction strainer is the most critical because if contaminants enter the hydraulic tank, the strainer prevents the contaminants from enter the hydraulic pump.**
  - 5) The Specifications require the tailgate latching mechanism to be 1" heavy-duty turnbuckles. The bid response includes an "auto latch" system. Auto latch systems are problematic and will not be accepted and the specification requirement for 1" heavy-duty turnbuckles will be enforced.  
**In August 2011 the Baldwin County Solid Waste Department experienced a series of automatic tailgate latch failures. These failures allowed the rear tailgate of some garbage trucks to open slightly while the sweep blade cycles, allowing liquids to leak from the body. Solid Waste staff pressure-washed the streets of an entire subdivision to clean up the stains left behind by the liquids that leaked out of the garbage truck bodies and since that incident Baldwin County Solid Waste has discontinued the specification of automatic tailgate latches.**
  - 6) The specifications required that a copy of the Manufacturer's warranty be included in bid package - Bidder did not include a copy of the Manufacturer's warranty in the bid response.
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**BIDDER: Truck Equipment Sales, Inc.**

Amount Bid: \$57,830.00 X 2 = \$115,660.00  
Make/Model: Loadmaster Excel - "S"  
Final Delivery Time after Receipt of Order: 60 days  
Bid Bond: yes

**\*Bidder listed no exceptions on bid response.**

Staff found the following exceptions after reviewing the equipment brochure they submitted:  
1) The Specifications require the hydraulic system to have a 3 micron strainer in the hydraulic system return line. The specifications sheets included in the bid response indicates a 16 micron strainer is supplied in the hydraulic return line rather than the specified 3 micron strainer.

*However, this bid response is the only bid response that verified that a 140 micron strainer is furnished in the hydraulic suction line. The suction strainer is the most critical strainer in the hydraulic system because the strainer prevents any contaminants that may have entered the hydraulic tank from entering the hydraulic pump, valves, and cylinders. Because there is clear verification that the 140 micron strainer is supplied in the hydraulic suction line, the 16 micron strainer in the hydraulic return line is an acceptable exception.*

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**BIDDER: Gulf City Body & Trailer Works, Inc.**

Amount Bid: \$58,278.00 X 2 = \$116,556.00  
Make/Model: Wayne Phoenix  
Final Delivery Time after Receipt of Order: 60 days  
Bid Bond: yes

**\*Bidder listed one exception on bid response.**

1) Bid required hopper shall has a capacity of approx. 3.5 to 4 cubic yard - equipment bid has a hopper capacity of 3.3 cubic yard.

Staff found the following exceptions after reviewing the equipment brochure they submitted:

- 1) The Specifications require the body to have a hydraulic pump that produces 40-50 GPM at 1,200 RPM. The hydraulic pump described in the bid response is a 36 GPM pump and the required engine RPM to attain the 36 GPM flow is not specified.  
*The hydraulic system flow and pressure are important requirements because without adequate flow and pressure the hydraulic system cannot provide the pressure needed to achieve maximum garbage density.*
- 2) The Specifications require the hydraulic system to have a 140 micron strainer in the suction line and a 3 micron strainer in the return line. No information is included in the bid response indicating that a 140 micron strainer is supplied in the suction line, and the bid response indicates a 10 micron strainer is supplied in the hydraulic return line.

*A strainer is a very important provision of the hydraulic system because the strainer prevents any contaminants from enter the hydraulic pump, valves, and cylinders. The suction strainer is the most critical because if contaminants enter the hydraulic tank, the strainer prevents the contaminants from enter the hydraulic pump.*

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**BIDDER: Sansom Equipment Company, Inc.**

Amount Bid: \$59,342.17 X 2 = \$118,684.34  
Make/Model: New Way Cobra Magnum  
Final Delivery Time after Receipt of Order: 30 - 60 days  
Bid Bond: yes

**\*Bidder listed no exceptions on bid response.**

Staff found the following exceptions after reviewing the equipment brochure they submitted:

- 1) The Specifications require the body floor to be 3/16” thick. A portion of the body floor of the body included in the bid is 10 gauge, which is thinner than the specified 3/16”.  
The thickness of the floor is a critical requirement due to the abrasion the floor must withstand from waste material being constantly pushed against the floor and the floor must also sustain constant contact with wet waste material.
- 2) The Specifications require the body to have a 40-50 GPM hydraulic pump. The hydraulic pump described in the bid is a 36 GPM pump.  
The hydraulic system flow and pressure are important requirements because without adequate flow and pressure the hydraulic system cannot provide the pressure needed to achieve maximum garbage density.
- 3) The Specifications require the hydraulic system to have a 140 micron strainer in the suction line and a 3 micron strainer in the return line. No information is included indicating that a 140 micron strainer is supplied in the suction line, and the bid indicates a 10 micron strainer is supplied in the return line.  
A strainer is a very important provision of the hydraulic system because the strainer prevents any contaminants from enter the hydraulic pump, valves, and cylinders. The suction strainer is the most critical because if contaminants enter the hydraulic tank, the strainer prevents the contaminants from enter the hydraulic pump.
- 4) The Specifications require mud flaps to be installed in front of and behind the rear tires. The bid response indicates that mud flaps are only installed behind the rear tires.  
Mud flaps are required in front of the rear tires as well as behind the rear tires so that the fuel tanks, water coolers, and hydraulic oil reservoir are protected from debris that may be thrown by the rear tires.
- 5) The specifications required that a copy of the Manufacturer’s warranty be included in bid package - Bidder did not include a copy of the Manufacturer’s warranty in the bid response

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