

CONTRACT # 11-005
39,000 GVW DUMP TRUCK and SNOW PLOW
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NOTICE TO BIDDERS: (Legal Size Notice)

Notice is hereby given by the City of Portage, Wisconsin, by the undersigned, that they will receive sealed bids for the following:

Contract # 11-005 – 39,000 GVW Dump Truck and Snow Plow

in the City of Portage until 10:00 a.m., July 8, 2011, in the City Municipal Building, Portage, Wisconsin, at which time said bids will be publicly opened by the undersigned. The award of this contract is subject to the approval of the Common Council. The bids shall be marked: “Sealed Bid – Contract # 11-005 – 39,000 GVW Dump Truck and Snow Plow”, and addressed to:

**Director of Public Works
City of Portage
115 West Pleasant Street
Portage, WI 53901**

The above described work shall be performed in accordance with the contract documents consisting of a Notice to Bidders, Instruction to Bidders, Specifications, Data Form, and Bid Form. The City of Portage reserves the right to reject any and all bids, to waive any informalities or defects and to accept any bid which may be in the best interest of the City of Portage.

Detailed specifications, together with the Contract Documents, are on file and may be obtained from the undersigned at 115 West Pleasant Street, Portage, WI 53901 (608) 742-2176.

BY AUTHORITY

Robert G. Redelings, P.E.
Director of Public Works

PUBLICATION DATES:

JUNE 16, 2011

JUNE 23, 2011

INSTRUCTION TO BIDDERS:

Contract # 11-005 – 39,000 GVW Dump Truck and Snow Plow

1. Bid prices shall be for one dump truck and snow plow FOB Portage, Wisconsin.
2. Only the bid forms furnished by the City of Portage shall be used to submit a bid.
3. The City of Portage reserves the right to reject any and all bids, to waive any informalities in the bids, and to accept the bid considered to be in the best interest of the City of Portage.
4. Warranty and/or guarantee on the equipment shall be expressly stated and submitted as part of the bid.
5. Bids shall be on models 2011 or newer.
6. Descriptive literature and complete manufacturer's specifications shall be submitted with the bid. If applicable, a parts and repair manual shall be provided by the successful bidder.
7. Chassis vendor shall deliver vehicle to dump box and plow vendor at city's request.
8. Do not include state or federal tax in this bid.
9. Submit bid to:

**Director of Public Works
City of Portage
115 West Pleasant Street
Portage, WI 53901**

SPECIFICATIONS

Contract # 11-005 - 39,000 GVW Dump Truck and Snow Plow

The following are minimum specifications. If the manufacturer's standard exceeds the following, the manufacturer's standard shall be furnished and included in the bid price. If federal regulations require equipment in addition to or different from that which is specified, the required equipment shall be furnished and included in the bid price. If the equipment meets the specification, simply indicate by checking the **Std** box; if the equipment differs in any way, describe any **Variation(s)**, accordingly.

A. CHASSIS AND FRAME

Std

Variation(s)

1	162" wheelbase – 84" cab to axle		
2	Frame rails heat treated alloy steel 120,000 psi, 10.866" x 3.622" x 0.433"		
3	20" integral front frame extension for pump and plow		
4	Front and rear tow hooks		
5	Trailer tow package with electrical wiring		

B. SUSPENSION

Std

Variation(s)

1	16,000 lb front axle that must accommodate snow plow		
2	23,000 lb dual wheel, rear axle, single reduction and ratio for 65 mph. Driver controlled differential.		
3	Front springs – 8,000 lb each		
4	30,000 lb. rear leaf suspension with helper		
5	Rear axle to be synthetic filled fluid		
6	Front hubs to be synthetic filled fluid		

C. WHEELS AND TIRES

Std

Variation(s)

1	Hub piloted stud disc wheels 22.5 x 8.25 rims (front, rear and spares)		
2	14 PLY radial tires, 11.00 x 22.5; traction tread on rear		
3	16 PLY radial tires, 12.00 x 22.5; regular tread on front tires		
4	1) 12.00 x 22.5 regular tread spare and 1)		

	11.00 x 22.5 traction tread spare		
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D. CAB		<u>Std</u>	<u>Variation(s)</u>
1	Cab shall be of air ride type		
2	Grab handles both sides of truck		
3	Fender mounted directional lights		
4	Required clearance lights		
5	Dual stop and tail lights		
6	Halogen headlights		
7	Forward titling hood - must tilt forward without removing plow ram		
8	Dual outside western style heated rear view mirrors		
9	LH/RH 8" convex auxiliary mirrors		
10	Auxiliary harness for auxiliary front head lights and front plow application		
11	Heavy duty fresh air heater/defroster/air conditioning		
12	Electric horn		
13	Heavy duty bucket seat on passenger's side		
14	Bostrum adjustable air ride bucket seat on driver's side		
15	Dual sun visors		
16	Two speed electric windshield wipers with intermittent feature		
17	Complete undercoating		
18	Color-dark green		
19	Parts manual and repair manual (or on CDs)		
20	Instant read dial type instrumentation		
21	am/fm radio		
22	Forward roof mounting console		
23	12v negative ground electrical system		
24	Electric back up alarm (102 dba)		
25	Body builder wiring back of cab sealed connectors for tail/amber turn/back		

	up/accessory power/ground and sealed connector for stop/turn		
26	12v power supply in dash plus min. 2 extra switches in dash		
27	2 way radio wiring effects; wiring with 20 amp fuse protection includes ignition wire with 5 amp fuse		

E. ENGINE AND RELATED EQUIPMENT

Std

Variation(s)

1	Diesel engine with 250 HP @ a maximum of 2400 RPM; 800 lb/ft torque @ 1440 RPM		
2	12 volt; 160 amp alternator with 2 heavy duty batteries		
3	Heavy duty cleaner with integral snow valve and in cab control		
4	Side stack exhaust behind passenger's side		
5	Heavy duty radiator		
6	50 gallon rectangular step type UL approved fuel tank mounted on driver's side with stainless steel straps		
7	Fuel water separator		
8	6 speed automatic transmission, Allison 3000-rds-p with pto provision, electronic transmission oil level sensor with synthetic fluid		
9	T-bar transmission shift control		
10	Transmission tcm location inside cab		
11	Shift parameters Allisons s-1 performance programming in primary and Allison fixed programming in secondary		
12	pto engine front below radiator with engine adaptor plate		

F. BRAKES

Std

Variation(s)

1	16.5" x 6" 'S' cam type air brakes front		
2	16.5" x 7" 'S' cam type air brakes rear		
3	Air compressor; Bendix 13.2 CFM (bendix tu-flo 550)		
4	Air dryer with heater (bendix ad-ip)		
5	Bendix automatic slack adjusters on front and rear		

G. STEERING

Std

Variation(s)

1	Full power steering		
2	Tilt steering		

H. CENTRAL HYDRAULIC SYSTEM

Std

Variation(s)

1	Load sense hydraulic system		
2	Pump shall be front mounted and crank shaft driven		
3	30 gallon hydraulic reservoir w/filter and indicator gauge		
4	4 bank valve, double acting for hoist, plow up and down and left and right, single acting for spreader		
5	Valve assembly shall be located behind cab on outside of frame on drivers side in an enclosed compartment		
6	Dual-axis type remote valve controls for plow operation and single-axis type remote valve control for dump box mounted between the bucket seats – Morse Controls		

I. DUMP BOX**Std****Variation(s)**

1	City of Portage to provide used Heil Dump Body with hoist		
2	Successful bidder shall pick-up used dump body from City of Portage garage.		
3	Successful bidder shall sand blast, prime and paint dump body to match color of chassis		
4	Successful bidder shall install new LED top light.		
5	Successful bidder shall examine and ensure lighting and air trip mechanism functionality.		

J. SNOW PLOWS**Std****Variation(s)**

1	Plow mounted so hood will open		
2	Plow shall be equipped with a removable and adjustable plow stand		
3	Plow shall be equipped with curb shoes on the right and mounted to moldboard side rib		
4	Frame mount shall contain 3/4", grade 8 bolts		
5	Hella plow lights with signals shall be mounted on the new vehicle only		
6	11' rubber snow deflector, 12" installed		
7	41" high x 11' length standard moldboard		
8	There shall be a minimum of 8 1/2" ribs, 100 percent welded		
9	Minimum 6 hinge points		
10	Cutting edge to be 5/8" x 8" with standard AASHO punch		
11	10 ga. minimum moldboard		
12	To be sand blasted primed and powder coated orange		
13	4" lift cylinder, double acting		
14	Hoses to front for plow		
15	Plow portion of pin and loop hitch to be		

	oscillating		
16	Carbide cutting edge with cover blade		
17	Pin and loop to be bolted to front; not welded		
18	Hitch to low profile and non tilting		
19	Heavy duty bumper		
20	4" x 10" power reversible turn cylinders		
21	Successful bidder shall deliver the vehicle to the City of Portage Municipal Garage		

DATA FORM:

Contract # 11-005 – 39,000 GVW Dump Truck and Snow Plows

Make: _____ Model: _____ Year: _____

Gross Vehicle Weight: _____ lbs

Wheel Base: _____ inches; Cab to Axle: _____ inches

Front Axle: _____ lbs; Rear Axle: _____ lbs

No Spin Differential: yes / no; Axle Ratio: _____ / _____; Max. Road Speed: _____ mph

Transmission: _____ speed automatic; Make/Model: _____ / _____

3rd Gear Hold: yes / no

Alternator: _____ volt; _____ amp; Frame Section Modulus: _____ cubic inches

16.5" x 6" 'S' Cam Front Air Brakes: yes / no; 16.5" x 7" 'S' Cam Rear Air Brakes: yes / no

Air Compressor: _____ cubic feet; Make: _____

Front Tire Size: _____ x _____; _____ ply; Wheel Size: _____ x _____

Rear Tire Size: _____ x _____; _____ ply; Wheel Size: _____ x _____

Front Springs: _____ lbs; Rear Springs: _____ lbs

Rear Auxiliary Springs: _____ lbs

Engine: _____ hp @ _____ rpm;

Intermittent Two Speed Windshield Wipers w/Washer: yes / no; Dual Sun Visors: yes / no

Dual Outside Western Style Mirrors: yes / no; Bostrum Adjustable Air Ride Seat: yes / no

Instant Read Dial Type Instrumentation: yes / no; Front and Rear Tow Hooks: yes / no

Full Power Steering: yes / no; Color: _____; Fuel Tank: _____ gallons

Snow Plow Make / Model: _____ / _____

Quick Hitch Make / Model: _____ / _____

Hydraulic Reservoir: _____ gal; Pump Make / Model: _____ / _____

Exceptions or Comments: _____

BID FORM:

Contract # 11-005 – 39,000 GVW Dump Truck and Snow Plow

Having thoroughly examined all of the Contract Documents, the undersigned proposed to furnish to the City of Portage, Wisconsin, the following equipment, accordingly:

ITEM NO. 1 39,000 GVW Dump Truck Chassis

ONE _____ TRUCK CHASSIS
Make / Model / Year

Bid on one truck chassis unit, complete as spec'd, and built to be compatible with the specified dump body and snow plow, including delivery.

For the net sum of \$ _____

Net Bid in Words

ITEM NO. 2 Dump Body

ONE _____ DUMP BODY
Make / Model / Year

Bid on one dump body, complete as spec'd, including installation and delivery.

For the net sum of \$ _____

Net Bid in Words

ITEM NO. 3 Snow Plow

ONE _____ SNOW PLOW
Make / Model / Year

Bid on one snow plow, complete as spec'd and installed on new truck, including delivery.

For the net sum of \$ _____

Net Bid in Words

TOTAL NET BID OF ITEMS 1, 2, 3, and 4 \$ _____

Total Net Bid in Words

ALTERNATE ITEM NO. 1

Trade-in of Portage Truck No. 10: a 1995 IHC 4700 Dump Truck with 43,500 miles including a Heil 6/7yd dump body and an 11 foot reversible snow plow (1995) with a quick hitch assembly.

Add / (Deduct) For the net sum of \$ _____

Net Bid in Words

Note: The intent of Alternate Item No. 1 is to show the actual value of this potential trade-in.

The City of Portage reserves the right to award this contract on the basis of the total net bid alone (Items 1+ 2 + 3), on the basis of the total net bid, or on the basis of each individual item alone.

Warranty and/or guarantee on equipment shall be expressly stated and submitted with the bid and shall become part of the contract.

Company

Street Address

City, State, Zip Code

Phone Number

Authorized Signature

Title

Date