



# Antrim County Road Commission

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January 25, 2016

## NOTICE TO TRUCK EQUIPMENT BIDDERS

Sealed bids will be received for the purchase and installation of one (1) 13 foot dump body until 1:00 PM, Monday, February 8, 2016, at which time they will be publicly opened and read. Bids shall be received at the office of the Antrim County Road Commission, PO Box 308, 319 E. Lincoln St, Mancelona, Michigan 49659-0308. Bids will be tabulated and a recommendation will be made to the Board of County Road Commissioners at their next regular meeting.

### General Description

These specifications are for one (1) thirteen foot carbon steel dump body. This dump body will be fitted on ACRC truck #022, a 2013 Western Star with the following general specifications:

GVWR	64,000 pounds
Wheelbase WB	205 inches
Cab to Trunion CA	Approximately 132 inches
After frame EOF	65 inches
Bumper to Back of Cab BBC	123 inches
Front axle FA	Set back with a capacity of 20,000 pounds
Rear axle RA	46,000 pounds

This truck has been hydraulically plumbed for a dump body. It also has the truck half of a Cysteel dump body hinge line installed.

These are minimum specifications. Pricing shall include manufacturers' standard warranty. Extended warranty packages will be priced separately as an optional bid. Bidders may recommend options, indicating specifications and pricing for each.

Bids shall be placed in a sealed envelope and marked "**13' DUMP BODY BID**".

Complete specifications and informational brochures shall accompany the bid

A completed copy of the specification package must accompany the submitted bid.

Antrim County Road Commission contact: Ron Chapman, Shop Foreman. Telephone 231-587-8173 (6am-3:30pm) or Email (preferred) rchapman@antrimcrc.org.

The Antrim County Road Commission reserves the right to accept or reject any or all bids, to waive any irregularity or defect in a bid, or to accept the bid which in the opinion of the Road Commission is in its best interest.

Burt R. Thompson, P.E.  
Engineer/Manager

Encl (1)

ANTRIM COUNTY ROAD COMMISSION  
2016 DUMP BODY SPECIFICATIONS

**1. CONSTRUCTION**

1.1	YES	NO	DEVIATION
<p><u>Material</u> The dump body shall be constructed of 7 gauge A1011 mild carbon steel with the exception of the floor which shall be ¼" AR400.</p>			
1.2	YES	NO	DEVIATION
<p><u>Dimensions</u> The dump body shall be 156" (13') in length. The width of the dump body shall be 96" outside and 87" inside. The body headwall shall be 50", the sides shall be 36" and the tailgate shall be 44".</p>			
1.3	YES	NO	DEVIATION
<p><u>Underbody framework</u> The underbody framework shall be of an interlocking style with 12" crossmember spacing.</p>			
1.4	YES	NO	DEVIATION
<p><u>Front and rear pillars</u> The corner pillars shall be of a box design. The rear corners shall have 2 cutouts to allow for the installation of oval 60 series lighting and shall have banjo style chain slots.</p>			
1.5	YES	NO	DEVIATION
<p><u>Tailgate</u> The tailgate shall be of a nine panel design and shall incorporate banjo chainslots. Approximately 36" of 3/8" chain will be provided on each side. The tailgate shall have an air trip system and shall utilize a 3.5" x 8" air cylinder.</p>			
1.6	YES	NO	DEVIATION
<p><u>Cabshield</u> A 24" cabshield shall be installed. It shall be continuously welded to eliminate any rust pockets. The cabshield height will be determined at the time of installation.</p>			

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1.7	YES	NO	DEVIATION
<u>Spillshield</u> A 10"x 96" x 7 gauge spillshield shall be installed at the rear of the body, just below the tailgate. It shall be welded parallel to the floor surface and shall have 6" side guards. The spillshield shall have five (5) gussets, evenly spaced, underneath to provide support.			
1.8	YES	NO	DEVIATION
<u>Other features</u> The sides shall be constructed to accept sideboards. The intersection of the sides and the floor shall be of a radius design for easy cleanout.			

**2. HOIST**

2.1	YES	NO	DEVIATION
<u>Hoist</u> The hoist cylinder shall be telescopic, of a length sufficient to raise the body past 60 degrees. It shall have a manual bleed port and shall rest in a frame mounted saddle.			

**3. TARP SYSTEM**

3.1	YES	NO	DEVIATION
<u>Tarp system</u> The tarp system shall be a Rollrite brand. It shall be electrically operated from the driver's position. <u>No chain/belt drive will be accepted.</u> The arms shall be of extruded aluminum and angled to allow for loader bucket clearance. The headroll shall have an aluminum wind deflector. The tarp shall be of standard mesh design.			

**4. LIGHTING**

4.1	YES	NO	DEVIATION
<u>Stop, tail, turn (STT)</u> The STT lighting shall be installed in the lower cutout and shall be a Maxima M85615R, stop/tail/turn/backup LED combo.			

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4.2	YES	NO	DEVIATION
<u>Warning lights (top)</u> Provide and install two (2) amber flashing lights, preferably LED, visible for 360°. The lights must meet SAE J845 Class 1 specifications. The lights shall be mounted on the uppermost front corners of the cab protector and shall be guarded against tree limb damage.			
4.3	YES	NO	DEVIATION
<u>Warning lights (rear)</u> Provide and install two LED amber flashing lights, to be installed in the upper cut outs.			
4.4	YES	NO	DEVIATION
<u>Wiring</u> All four (4) warning lights shall be wired together. All wiring connections shall be made in a weather tight junction box.			
4.5	YES	NO	DEVIATION
<u>Side marker and clearance lighting</u> All side marker and rear clearance lighting shall be provided and shall be LED. All lighting shall meet or exceed current USDOT standards.			

**5. MISCELLANEOUS**

5.1	YES	NO	DEVIATION
<u>Ladder</u> A two step ladder shall be installed on the driver's side. A "U" shaped rung will be welded inside the box, opposite of the ladder. It will be located midway between the top of the side and the floor.			
5.2	YES	NO	DEVIATION
<u>Mud flaps</u> Anti-sail ½" mud flaps shall be installed behind the rear wheel position.			
5.3	YES	NO	DEVIATION
<u>Body props</u> Body props, of sufficient size and number, shall be provided and installed.			

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5.4	YES	NO	DEVIATION
<u>Sideboards</u> 2" x 8" rough sawn hardwood sideboards shall be installed.			
5.5	YES	NO	DEVIATION
<u>Paint and safety decals</u> The body and cabshield shall be primed and painted "Omaha orange". All applicable safety and warning decals shall be in place.			

**6. INTERCHANGEABILITY**

6.1	YES	NO	DEVIATION
<u>Electrical and Hydraulic Accessibility</u> The Road Commission interchanges between the dump box and the material spreader with the seasonal needs. Therefore all electrical and hydraulic circuits that are common to both or that would need to be disconnected are to be terminated at the front of the box. These circuits include but are not limited to the tarp, all lighting, dump box tailgate, dump box raise/lower. The electrical circuits shall be linked using approved weatherproof trailer plug connectors and the hydraulic circuits shall be linked using SS flat face drip-proof quick connectors. All electrical and hydraulic coupling devices must be approved by the Road Commission.			

**7. PRIOR TO DELIVERY**

7.1	YES	NO	DEVIATION
<u>Testing</u> Prior to delivery all hydraulic and electrical circuits shall be tested for proper operation.			
7.2	YES	NO	DEVIATION
<u>Manuals</u> All safety and operators manuals shall be included			

ANTRIM COUNTY ROAD COMMISSION  
2016 DUMP BODY SPECIFICATIONS

2016 DUMP BODY BID  
SUBMISSION

Provide and install one (1) new dump body per specifications

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Comments:

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Submitted by \_\_\_\_\_ Company \_\_\_\_\_

Address \_\_\_\_\_

Telephone (\_\_\_\_) \_\_\_\_\_ E-mail \_\_\_\_\_