

GENERAL SPECIFICATIONS

The following specifications are intended to serve as general guidelines to obtain bids on comparable equipment. The Bid information shall itemize in detail all standard and accessory equipment. The equipment shall be new and of the latest type and model; shall be equal to or exceed the following specifications, and shall conform to all safety and OSHA regulations. All parts not specifically mentioned which are necessary to provide a complete operating piece of equipment shall be included in the bid and shall conform in strength, quality of material, and workmanship to what is usually provided the trade in general.

The supplier shall describe in detail those areas where their equipment does not comply with these specifications. Any alternate equipment or material deviating from these specifications shall also be described in detail. Failure to do so may disqualify the Bid.

All specifications are designed to be a minimum. Box designs for dump body may vary. Please note differences on bid.

The City will not necessarily purchase the lowest priced equipment. The decision to purchase will be based on price, performance, and maintenance history, availability of parts and service, equipment warranty, evaluation of quality, past operating experience and delivery date.

The City of Antigo reserves the right to reject any and all bids and to determine the choice of equipment in the best interests of the City after considering those criteria mentioned in the preceding paragraph.

Should the bidder fail to make delivery as he has specified on the bid sheet, there shall be deducted from his contract payment, the sum of one hundred dollars (\$100.00) per day for each calendar day that the deliveries are late. This sum shall be considered as fixed, agreed, and liquidated damages due the City of Antigo from the bidder, by reason of inconvenience to the public and City of Antigo. In case of a strike, of which the dealer has no control, the City will waive this liquidation damage for only the actual number of strike days. This shall in no way operate as a waiver on the City of Antigo of any rights under the contract.

INTENT

It is the intent of these specifications to describe a unit, which will consist of chassis & cab which, shall be the manufacturer's latest model except as modified herein. The chassis & cab including all necessary equipment shall be furnished and delivered new, complete and ready for use. All parts not specifically mentioned but which are necessary for the complete unit shall be supplied and installed by the vendor even though such work or materials are not specifically outlined and shall conform in strength, quality of material and workmanship to the best practice known to the industry.

TYPE OF SERVICE

The City of Antigo will use the dump truck in the normal day-to-day function of the City; such as hauling sand, gravel, fill, bituminous material and snow. The vehicle will be required to travel all types of roadbeds ranging from bituminous and concrete pavement to rutted uneven, off-road operations. The supplier shall take the above conditions into consideration before making his bid. Under the guarantee, the City will give no claim of abuse because of the above-described normal use conditions.

The following are minimum specifications for one (1) tandem axle multi-purpose dump body with hydraulics. List any deviations from the specifications. Please send one copy with original bid proposal.

	YES	NO	DEVIATION
MULTI-PURPOSE DUMP/SPREADER BODY			
13-foot length	___	___	_____
96 inches total outside width	___	___	_____
44-inch side	___	___	_____
50-inch tailgate height	___	___	_____
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9 cubic yard capacity-Minimum	___	___	_____
BODY CONSTRUCTION			
Sides, tailgate, and front bulkhead constructed of 3/16" 201 stainless steel.	___	___	_____
Body mounted stainless fenders over rear axle w/STT in fender	___	___	_____
Sides shall be brake formed to produce a 43" radius	___	___	_____
Bodies with flat floor designs are not acceptable	___	___	_____
All top rails and reinforcements shall be tapered to shed dirt	___	___	_____
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Longsills shall be fabricated from 1/4" stainless steel	___	___	_____
Longsills shall be joined by sections of 4" Formed channel welded every 2' the length of the spreader at the base of the longsills, where the longsills are then boxed in with 1/4" stainless steel	___	___	_____
There shall be 3/16" formed angle welded every 12" the full length of the conveyor at the top of the longsills	___	___	_____
1/4" 201 stainless steel replaceable floor	___	___	_____
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34" wide pintle chain conveyor with a crossbar every link	___	___	_____
Dual 6:1 drive motors for conveyor	___	___	_____
Sub-Floor Kit to prevent material from hitting drive line components	___	___	_____
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The boxed top rail shall be a minimum of 3/16" formed channel	___	___	_____
The front shall be sloped to accommodate a headlift cylinder with partial doghouse	___	___	_____
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Grease banks mounted front and rear of body for easy maintenance	___	___	_____
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The rear of the body shall be supported by two pieces of 3/16" stainless steel plate contoured to the radius of the body	___	___	_____
The two rear posts shall be formed from 3/16" stainless steel	___	___	_____
A 3/16" formed box section at the rear of the spreader body will be tied to the two-rear post	___	___	_____
All welds shall be continuously welded 100% throughout	___	___	_____
The tailgate shall be manufactured from 3/16" stainless steel with a boxed perimeter of 10 gauge formed channels	___	___	_____
Tailgate shall be double acting with a square perimeter, having two horizontal braces of 10-gauge stainless steel full width of tailgate	___	___	_____
Tailgate door shall extend 16" into the interior of the body to	___	___	_____

prevent spillage	_____	_____	_____
Body shall not have rear external tail shelf	_____	_____	_____
Tailgate hinges and latches shall be heavy duty in design	_____	_____	_____
Latches shall be an over center design and individually adjustable and latching from bottom	_____	_____	_____
1/2 cab protector will be mounted 4 inches above highest point of cab	_____	_____	_____

SPINNER

Dual receiver mounted spinner assembly	_____	_____	_____
Spinner location will be adjustable to control direction of salt	_____	_____	_____
Spinner frame shall be made from a minimum of 3/16" stainless steel	_____	_____	_____
The spinner motor shall be high torque/low speed mounted directly to the spinner disc with a cast hub	_____	_____	_____
The spinner disc shall be 24" in diameter and made of polyurethane	_____	_____	_____

HOIST

Mailhot inverted, double acting, trunnion mount, telescopic cylinder	_____	_____	_____
Hoist shall be designed to operate up to 2,500 PSI and be self bleeding	_____	_____	_____
Cylinder surface shall be nitride covered 100%	_____	_____	_____
Each rod and pin eye shall be greaseable from ground level using grease tubes as need	_____	_____	_____
Hoist shall carry a two-year warranty	_____	_____	_____

Miscellaneous

All LED lights: tail, warning, marker, back-up, and warning lights	_____	_____	_____
Two oval sealed beams LED amber with self-contained flashing unit set into each rear post	_____	_____	_____
Oblong LED stop/turn/tail lights recessed in the rear corner posts will be 2" X 6" sealed beam	_____	_____	_____
Heavy duty weatherproof wiring harness and junction box	_____	_____	_____
LED lights to have diffused lenses to allow for a 35 degree viewing angle	_____	_____	_____
LED Low Profile Strobe light mounted to the top of each mirror with mirror bracket with all wiring run inside of mirror bracket with weather pack connections inside of door to unplug wiring	_____	_____	_____
All harness connections to be within a weather tight junction box. No exposed connectors will be allowed	_____	_____	_____
Heavy-duty rubber mud-flaps rear mounted	_____	_____	_____
Heavy-duty rubber mud-flaps ahead of rear wheels.	_____	_____	_____
Cougar DC3200 vibrator mounted with reinforced floor section.	_____	_____	_____
DOT reflective tape full-length rubrails, up rear posts, tailgate perimeter.	_____	_____	_____
Aero model 565 or comparable electric tarp system with single aluminum arm kit not to interfere with side loading	_____	_____	_____
Electronic back-up alarm with 97Db	_____	_____	_____

Central Hydraulic System

The central hydraulic system shall be a PTO mount load-sense system _____
Pump shall be a pressure compensated piston pump _____
Pump shall be Force America TXV92. No exceptions. _____
The pump to be direct mounted to a Hot Shift PTO on Allison 3000 _____
The oil reservoir shall be minimum 30 gallon capacity with internal _____
baffles and mounted on the side of the chassis frame and shall include _____
a basket type filler breather cap, magnetic drain plug, 2” NPT suction _____
port with screen filter, and an external sight temperature gauge. _____
An in tank 10-micron return line filter with condition gauge _____
shall be mounted in the reservoir _____
Hot oil, low oil and lights will display on spreader control _____
Oil reservoir must be able to be filled without raising body _____
Entire assembly to be made of stainless steel _____
Suction hose to hydraulic pump from hydraulic reservoir shall have _____
a gate style shut off valve at reservoir _____

The valve shall be mounted in an enclosure made of stainless steel _____
Valve required; DA hoist, spinner (7 gpm), and conveyor (14 gpm) _____

Single center lock air control for the Hoist _____
Control stand between the seats with hoist control, vibrator button, _____
Tarp Control, PTO Switch/light, and Body up light, with extra _____
Body Up light to be mounted on dash _____

Force America 5100ex spreader control is the only accepted controls _____
Spreader Control will have ground speed trigger _____

CALIBRATION AND IN-SERVICE

Equipment installer must provide complete in-service _____
instructions to operators and mechanics _____
Equipment installer must calibrate spreader and pre-wet at _____
customer’s location at time of in-service _____

MANUALS

A complete parts and operation manual will be included _____

WARRANTY

Bidder to list all limitations and conditions _____

