



**O.J. Watson Company, Inc.**  
5335 Franklin Street  
Denver, Colorado 80216  
303-295-2885 or 800-332-2124  
Fax: 303-296-8049  
www.ojwatson.com

## Quotation

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**Customer:** DOUGOM  
Douglas County  
3026 N. Industrial Way  
Castle Rock CO 80109

**Contact:** Brian Franklin  
**Phone:** 303.663.7707  
**2nd :**  
**Email:** bfranklin@douglas.co.us

**Salesperson:** Randy Shamy

**Quote Number:** RPS882-2  
**Quote Date:** 6/03/2025  
**Quote valid until:** 7/15/2025  
**Revision Number:** 2

**Work Order:**

### Build Information:

Year / Make / Model	2026 Western Star 49X 6x4	End User	Douglas County
Cab Configuration	REGULAR	Unit #	15' RDS/Pre-Wet/Plow/Wing
Fuel Type	DIESEL	Item / PO#	
CA / CT			
Rear Axle	TANDEM		

### Quoted Items:

#### Description of Work

O.J. Watson is pleased to quote the following heavy duty Snow & Ice Equipment quotation per requested Douglas County specifications with pricing in accordance with OJW City & County of Denver Master Supplier Contract Number SC-00003211 to include -

### FURNISH AND FACTORY INSTALL

#### RDS DUMP BODY:

##### -1- New 15' Stainless Steel RDS body equipped as follows:

- **RDS-180-96-56 Dual Auger** GEN 4 Body with narrower auger trough and deeper auger trough cover
- Monroe Radius Dump Spreader Body
- The body shall be 15 feet in length
- Top inside width is 87 inches with the total outside width 96 inches
- Side height of body is 44 inches, with the tailgate height 50 inches
- The sides, front and tailgate is manufactured from 3/16" 201 stainless steel
- The body longmembers and auger troughs to be built from 1/4" 201 stainless steel. Troughs to bolt-in and be replaceable.
- Tailgate is double acting with a squared perimeter, with two horizontal braces of 10 gauge material full width of the tailgate
- Body is 100% continuously welded
- Rear Spinner is mounted via means of two 2" receiver tubes, with one tube located on each side of the spinner assembly
- Spinner body is manufactured from 10-gauge 201 stainless steel material
- There are three adjustable spinner deflectors for directing material from the spinner disc
- The material spread pattern is controlled by means of a center diverter located above the spinner disc
- With the adjustment of the spinner body, which is directed by holes drilled into the receiver mouths, the spinner assembly can either move forward or in back of the conveyor
- The spinner motor is a high torque/low speed mounted directly to the spinner disc with a cast hub
- DA Hoist is of telescopic design and has a trunnion mounting, designed to operate up to 2,500 PSI and is self-bleeding
- Planetary drive, dual augers with cover plate for summer use and motors mounted at the front (REAR DISCHARGE)
- Body mounted tandem axle fenders installed
- Grease extensions installed
- Stationary receiver tube style spinner assembly shipped loose
- Speed sensor incorporated into one auger motor
- Air trip tailgate release in rear posts



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### Description of Work

- Fold down ladder - Street Side Front
- Floor cover kit for summer usage
- Stainless Steel bolt-on rear spill shield
- -2- Vibrators - mounted front of body curbside and passenger side / On/Off switch in-cab and labeled "Vibrators"
- **HYDRAULIC HIGH LIFT TAILGATE**

### Pre-Wet Application:

- 540 gallon capacity
- Closed loop pre-wet system to interface with Force America control
- ENCLOSURE KIT
- REMOTE VENT KIT
- (2) 270 GALLON TANKS
- PLUMBING KIT
- NOZZLE KIT (3GPM, 2 NOZZLE)
- CROSS OVER KIT
- BULK FILL KIT

### Light Cutouts:

- 6" Oval on side of pillar (Both Sides)
- 3/4" Marker below oval cutout in side of pillar (Both Sides)
- Rear: 2 Ovals (Both Sides)
- 3/4" Marker above 2 Ovals Rear (Both Sides)
- **Miscellaneous:**
  - Mud flaps mounted rear of tandems / removable with SS Bracket
  - 201 SS Mud Flap Brackets at rear of body, recessed into rear of body per Douglas County specifications
  - 201 SS Mud Flap Brackets at the front of the rear wheels
  - SS rectangular tube installed on custom cab shield for wiring, 1-1/2"
  - SS conduit installed under body for wiring, 1-1/4"
  - SS Splash Shields ahead of tandems

### SNOWPLOW:

#### -1- New Monroe MP48R12-ISCT C-Style Full Moldboard Trip Reversible Plow with Integral Shield:

- Height: 48"
- Length: 12' (Straight Moldboard)
- 10 Gauge Roll-Formed Moldboard
- (6) 1/2" X 4" Tapered, One-Piece, Flame-Cut Ribs
- Dual compression trip assemblies
- (2) 3" X 10" Double-Acting Cylinders w/ Cushion Valve
- Cable Lift
- Stress-Proof machined and plated pins
- 14" push height
- All Components & Moldboard are 100% Continuously Welded
- Moldboard is Shot-Blasted and Powder-Coated Orange
- Push-Frame and Components Shot-Blasted and Powder-Coated Black
- Rhino Line the top 1/3 of plow moldboard
- Rubber Snow Deflector: 12' X 24" (Plow has holes punched in top angle to accommodate)
- Markers: 36" Markers with Brackets (Pair)
- Parking Jack, Removeable, Screw Adjustable
- Plow cable lift points spacing is 4.5'



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### Description of Work

- Pioneer Series 9500 break away kit for plow hydraulic disconnects

#### HITCH:

- Plow Portion: Quick Hitch MC6000
- Truck Portion: Fold Flat Quick Hitch, South Dakota Style
- 4" x 10" Lift Cylinder - Double Acting

#### PATROL WING:

##### 11' Monroe, Double Function, Straight, Patrol Wing (Right Side)

- MID/REAR MOUNT, FULL TRIP, BETWEEN THE TANDEM REAR MOUNT
- 31" High Inboard & Outboard, 3/16" Thick Moldboard
- Two Function Wing Valve and Controls
- 4" X 4" X 3/4" Bottom Angle
- 1/2" Thick One-Piece Vertical & Interlaced Designed Horizontal Ribs
- Standard 100% Welded
- Shot-Blasted & Powder-Coated Orange
- Powder-Coated Black Hardware
- Cutting Edge: .625 X 8 Standard 1-Piece
- Para-Glide Post: Mid-Mount, Right Hand, Full-Trip
- Mounting Box: Rear Mount
- Rear Heel Lift Cylinder: 3 X 15 (De-cell)
- Push-Arm Assembly: Dual, Standard
- (3) Mild Steel Pipe Braces & (6) Balls
- Curb Guard: Wrap-Around
- Conduit on moldboard for Whelen wing light
- wing locks
- Markers: 36" Lighted LED Markers with Brackets (Pair)
- Bolt-on "Hat" Cover to protect Mid-Mount Quick Coupler Station
- Wing Plow Guidance Laser

#### HYDRAULICS:

##### Force America hydraulic system to include:

##### Pump Details:

- 5.98cid - CCW - 2 Bolt C 1-1/4" Keyed Shaft - 2-1/2" Code 61 SFP x 1-1/2" SFP Rear Side Ports - #16 ORB Case Drain with Fittings
- 26" Driveline Kit with 479 and 329 Flange Yokes and 1-1/4" C.f.
- Pump Shut-off Valve with Relief
- 6000 PSI Filter - 25 Micron Microglass - 435 PSI Delta P - Single End Open - Nitrile Seals - #16 ORB Ports - 102 PSI Bypass Valve - Visual Electric Indicator - 24 lbs.
- Full Port 2" NPT Brass Ball Valve 600 PSI
- Finished Body - Return Manifold Two SAE - 20 - Six SAE - 12 Ports
- Pressure Switch @ 25 PSI with Male Weatherpack Connector and Sheathed Wire
- Temperature/Level Sender 50 Gallons 158 F behind cab Reservoir with SLOSH Shield

##### Valve Details:

- AAF-F4-4RV-HS3-PK4RV-4-X-X-F2A-F2D-2P2S-ENCL
- FORCE America Model Add-A-Fold
- 3000 PSI Max
- 0-30 GPM Motor Spool Section with A Port Set to 25 GPM for Water and B Port Set to 12 GPM for Low Boy
- Double Acting Truck Hoist with 500 PSI Downside Relief
- Double Acting Plow Lift with Integrated Power Float and 500 PSI Downside Relief



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### Description of Work

- Double Acting Plow Angle
- Double Acting Wing Toe with integrated counterbalance valve
- Double Acting Wing Heel with integrated counterbalance valve
- 0-7 GPM Double Acting Hydraulic High Lift Tail Gate with Pilot Check Valve
- 0-21 GPM Auger Forward and Reverse
- 0-7 GPM Prewet
- 0-7 GPM Spinner
- Includes JIC Fittings

### Electronic Control Details:

- MPJC-6100-4-GEN5-ULTRA-Douglas County Dump
- Floor Mount Ultra Controller (No Auxiliary Switch Box)
- Integrated 6100 Gen 5 Can Bus Spreader Control System
- Dual Axis Joystick for Plow Control with Pushbutton for Spreader Standby
- Single Axis Joystick for Truck Hoist Control with Interlock Pushbutton
- Dual Axis Joystick for Wing Control with Pushbutton for Spreader Blast
- Auger Feedback Harness for White Motor with Internal Auger Feedback Sensor
- Prewet Feedback Harness with M12 Connection
- Fabricate and install custom Monroe cab shield with integrated hydraulic tank
- Custom Hydraulic Valve Assembly to be installed onto cab shield on driver's side per Douglas County specifications
- Install Force America 6100 hydraulics system
- Run stainless steel hydraulic tubes on straight runs
- Furnish and install special Pioneer hydraulic couplers per Douglas County specifications
- All hose ends must be painted with differentiating colors for identification

### SWITCH PANEL:

- In-Power Switch Panel
- Mounted off of Force America Console
- 2 - 8 Bank Switch Panels

16 Switches to operate the following -

Amber Strobes - Tractor Strobes - Tailgate Up - Strobe Light Power

Blue Strobes - Wing Strobes - Tailgate Down - ATG

Tarp Open - Vibrator - Spreader Lights - HD Plow Light

Tarp Close - Plow Work Light - AUX - AUX

### CAB SHIELD:

- Frame-Mounted Cab Shield
- Integrated Oil Reservoir
- Integrated Hydraulic Valve Enclosure
- Valve Plate - OJW to send diagram of where holes are to be placed
- 201 Stainless Steel Construction
- Six (6) oval cut-outs to accommodate Whelen 500 series grommet mounted LED strobe lights
- Shovel Holder - Mounted curbside (inside of cab shield bulkhead)
- The Deutz connectors located on bulkhead to be 1 female and 1 male

### TRAILER HITCH PLATE:

- Rear Hitch Assembly of 1" Steel Plate
- Two (2) 5/8" loop - 3" x 3" safety D-rings. Model DR58-3 mounted each side of pintle hook
- Pintle Hook - Model PH-45 (Non-Air) 45 Ton Capacity



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### Description of Work

- Pintle Height to be 27" from the ground to the inside bottom of the hook saddle
- One set of swing-away glad hands (located outside of frame rails)
- One OEM 7-Way trailer socket (mounted outside D-ring)
- One 7-Way RV Style trailer socket with a weather proof boot; boot to be filled with dielectric grease and wired to Douglas County specifications (mounted outside D-ring)
- Brake Controller

### TOOLBOX:

- -1- Frame Mounted Under Bed Street Side, ahead of rear axle
- Weather Guard Model 627-0-02
- Aluminum - 18" x 18" x 24"

### TARP:

- -1- New 15' PullTarps Expando Electric
- MESH - Flow Thru Tarp
- Tamer Bar
- Tarp Open/Tarp Close actuated separately on Switch Pack

### LIGHTING:

#### Douglas County Lighting System

Douglas County Wiring Harness for all lights, brake control, miscellaneous

#### Plow Lights:

- Install Super high Output 7" LED work light: 754-HD75018WF
- Douglas County will provide location and installation specs
- ABL Plow Lights with turn signals LED / Heated wired to OEM labeled "ABL Plow Lights"
- Fender-mounted Truck-Lite LED/Heated Plow Light wired to In-Power Switch Panel labeled "Plow Light"
- Mounts to include a steel "backer plate" inside the hood for reinforcement

#### Strobes:

- -1- AMBER/AMBER LED Strobe light to be mounted in the cab shield, driver's side, facing forward
- -1- AMBER/AMBER LED Strobe light to be mounted in the cab shield, driver's side, facing sideways
- -1- AMBER/AMBER LED Strobe light to be mounted in the cab shield, driver's side, facing rear
- -1- AMBER/AMBER LED Strobe light to be mounted in the rear pillar of the dump body, driver's side, facing rear
- -1- AMBER/AMBER LED Strobe light to be mounted in the side of the rear pillar of the dump body, driver's side, facing sideways
- -1- AMBER/BLUE LED Strobe light to be mounted in the cab shield, passenger's side, facing forward
- -1- AMBER/BLUE LED Strobe light to be mounted in the cab shield, passenger's side, facing sideways
- -1- AMBER/BLUE LED Strobe light to be mounted in the cab shield, passenger's side, facing rear
- -1- AMBER/BLUE LED Strobe light to be mounted in the rear pillar of the dump body, passenger's side, facing rear
- -1- AMBER/BLUE LED Strobe light to be mounted in the side of the rear pillar of the dump body, passenger's side, facing sideways
- Whelen "Wing" Strobe Lights - 1 Amber / 1 Blue
- LED work light to shine on wing plow and wired to a single switch and labeled "Wing Work Light"
- -2- RED LED stop / tail / turn lights mounted in rear bolster with integrated CLEAR LED backup lights
- -2- CLEAR LED Work Lights to be mounted in the rear in such a way to light the spinner area and wired to a single switch and labeled "SPINNER LIGHTS"
- -1- 3/4" Marker mounted below oval cutout in line side rubrail (both sides)



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### Description of Work

- -1- 3/4" Marker mounted above 2 Ovals Rear Light Cutouts (both sides)
- Power Tower
- Signal Stat model 6050 or approved equal LED style 3-ID light, wired to include stop/tail & turn installed on cover plate between frame rails directly above hitch plate
- All cab shield wiring shall be ran through 1" square tube for protection, where exposed
- All lighting connections shall include dielectric grease where applicable

### CAMERA:

- Force America Camera
- Protective box
- Mounted rear curbside as high as possible

### CAMERA WASH:

- MS Foster Non-abrasive, non-contact cleaning system where washer fluid mixes with high pressure air
- Self-Contained Stainless Steel kit includes:  
Fluid reservoir, pump, air solenoid, nozzle and bracket, wiring, tubing  
Momentary Switch mounted on dash
- Self-contained kit to be mounted per Monroe recommendation
- SS camera box with 6" adjustable mount

### ONSPOT AUTOMATIC TIRE CHAIN SYSTEM:

- 6-Strand chainwheel ensure that there are always 2 chain strands between the tire and road surface
- Onspot works when accelerating in forward or reverse or when braking in either direction. The chains may be engaged in forward or reverse

### CHAIN UNIT ASSEMBLY:

- The unit is fastened to the vehicle mounting bracket and consists of an air cylinder, swing arm and chain well
- The chainplates are replaceable
- The air cylinder contains a diaphragm, pushrod, return spring and protective boot

### AIR SOLENOID:

- Allows compressed air to flow to the chain units when the dashboard switch is activated

### DASHBOARD SWITCH with SWITCHGUARD:

- Used to provide 12 volts to chassis-mounted solenoid

### VEHICLE MOUNTING BRACKETS

### FACTORY INSTALLATION:

Includes all the equipment listed as well as:



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### Description of Work

- Drill (2) ½ inch diameter holes for Motorola antennas. Douglas County will supply location of holes
- Prewire for Motorola radios, AVL and GPS to headliner and cubby. Douglas County will supply cables
- ID tags on bulkhead electrical connectors.
- Stainless steel piping used for hydraulics between front on engine to back of cab. And continue with SS piping from rear of cab to rear of dump body.
- Protective wrap on all hydraulic hoses.
- Complete Installation of 36" LED markers on wing
- Complete Installation of Force America rear camera - Mounted rear curbside as high as possible
- Complete installation of MS Foster Self-Contained Camera Washer with SS camera box
- OnSpot 6-Strand Automatic Tire Chain System
- Conspicuity tape on tailgate and across side of body on rub rail
- All hoses and fittings including oil for hydraulics
- Delivery of completed unit to Denver, Colorado
- Pre-ship/completed vehicle inspection is to take place at Monroe Truck Equipment

### Also Included:

- Monroe Truck Equipment to provide a stamped number plate to each individual piece of equipment, to include unit number and serial number or each piece
- Paint hose ends and couplers
- Monroe Truck Equipment to notch, round or remove all corners and rough edges of equipment

### MISCELLANEOUS:

- OJW Mud Flaps
- Weight Ticket
- VIN Verification

**Total Price: \$300,277.00**

- **All pricing is good for -30- days from date of quotation**
- All quotes are F.O.B. Denver unless otherwise stated.
- Quotes are subject to all applicable sales and use taxes including F.R.E.T.
- Open Account Terms are Net 30 upon delivery.
- Cash Account Term is payment at time of delivery (cash/check/credit card) and is subject to a 50% deposit requirement upon initial order.
- All credit card transactions over \$7,000.00 will be subject to a 3% processing fee.
- Carry Vehicle is NOT included in pricing unless specifically called out under Quoted Items.
- The contents of this quote are confidential and not intended for distribution. It is strictly forbidden to share this quote with any third party without written consent from O.J. Watson Equipment.

Accepted

By: \_\_\_\_\_ Quoted By: \_\_\_\_\_ Randy Shamy

Date: \_\_\_\_\_ Date: \_\_\_\_\_ 06/03/2025