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DO NOT INVOICE THIS ADDRESS

City and County of Denver Purchasing Division 201 W. Colfax Ave Dept. 304 Denver, CO 80202 United States of America

Ph: 720-913-8100 Fax: 720-913-8101



Purchase Order Number	PO-00063881
Purchase Order Date	Apr 9, 2019
Contract ID	SC-00003211
Payment Terms	Net 30
Payment Type	ACH
Buyer	Andrew Miskell
	(720) 913-8159
	Andrew.Miskell@denvergov.org

Supplier

OJ WATSON COMPANY INC DBA OJ WATSON EQUIPMENT 5335 FRANKLIN STREET DENVER, CO 80216 United States of America Ph: (303) 2952885

Ship-To

5440 Roslyn Area 5440 Roslyn St Denver, CO 80216 United States of America Gary Bales

Bill To

Bill To Same As Ship To Denver, CO 80202 United States of America Gary Bales

	Currency	Total Lines Amount	Tax Exempt	Total PO Amount
	USD	\$721,494.00	98-02890-0000	\$721,494.00
Shipping Terms		Shipping Method	Shipping Instructions	
FOB Destination		Common Carrier		

Goods Lines								
Line Number	Item Name	Supplier Item Identifier	Description	Due Date	Unit of Measure	Quantity	Unit Price	Line Amount
1			16' DVS Stainless Steel Spreader Body/ SnowPlow	10/05/2019	Each	6	\$120,249.00	\$721,494.00
Components to be mounted on Freightliner cab and Chassis.								

Vendor to fill in and submit attached Exhibit Vehicle Check-In.

Delivery will NOT be considered complete without the Vehicle Check-In form and payment will not be remitted.

Agency Contact: Gary Bales | Gary.Bales@denvergov.org

Vendor Contact: Dick Eckrich | DEckrich@OJWatson.com

Delivery: Monday through Friday between 8:00 am and 1:00 pm

Location:

City and County of Denver Fleet Management 5440 Roslyn Street, Building C Denver, CO 80216 Coordinate Delivery: (720) 865-3900

Title to Read:

City and County of Denver 201 West Colfax Avenue Dept 304 Denver, CO 80202

Documents to be Provided Upon Delivery:

Application for Title, State of Colorado Odometer/Hours Statement

Internal Reference # 19-110, 19-111, 19-112, 19-113, 19-114, AND 19-115

REFER TO EXHIBIT "A" FOR SERVICE DESCRIPTION AND PRICING ONLY.

VENDOR: You must contact the agency contact listed above to confirm this order.

Purchase Order price listed herein includes all shipping and handling.

All invoicing must match the purchase order exactly and contain the purchase order number. All invoices must be sent directly to the bill to address listed on the purchase order, this address may be different than the ship to address. Changes to this purchase are not valid without prior approval from purchasing.

For additional questions regarding this purchase order, please contact the Agency Contact listed above.

ALL INVOICING AND CORRESPONDENCE MUST CONTAIN THE PURCHASE ORDER NUMBER IN FULL (PO-########)

Authorized By



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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CCD EXHIBIT A - PO-00063881

Work Order:

Salesperson: Dick Eckrich **Quote Number: RKE283** Quote Date: 2/10/2019

\$42,743.00 \$42,743.00

Revision: 0

Customer: City & County of Denver

DPW Fleet Maintenance

5440 Roslyn Denver CO 80216

Contact: Gary Bales Phone: 720-337-1197 2nd: 303-513-6044

Email:

Vehicle Information:

Year, Make & Model	2019 Freightliner 114SD Diesel	Key#	
VIN #		Unit#	

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Description of Work:	
THE RELEASE OF THE PARTY OF THE	117.357 B. 60.
Qty Part Number Description of Work	Each (\$) Total (\$)

16' DVS, REAR DISCHARGE ONLY, 201 STAINLESS STEEL BODY

CONSTRUCTION

DVS-192-96-56

CONVEYOR CHAIN WITH BAR EVERY LINK

Capacity shall be approximately 10.6 cubic yards without side boards. Capacity shall be approximately 12.7 cubic yards with side boards.

Tailgate shall be 50" high. Sides shall be 44" high Inside length shall be 16' long.

Inside width shall be approximately 89" and outside width NOT to exceed 96"

Body shall be capable of unloading materials without raising.

Longitudinals shall be ¼" stainless formed members with a minimum 12 inches in height, 34" apart and include four 3" ID cross over tubes at the rear for installation of hoses and wiring.

Lower longitudinal cross supports shall be ¼" x 4" stainless channels spaced on 24" centers.

The 4-1/2 " return angle on the longitudinals shall be boxed and tapered for additional support and to prevent any retention of material.

Upper longitudinal cross supports shall be 3"x 3"x 3/16" angles place on 12" centers. These angles shall serve as the upper longitudinal supports and bolt in floor supports.

The one-piece, ¼" stainless steel bolt-in floor shall have rolled over radius front and rear.

The 7 gauge 201 stainless sides shall be sloped 45 degrees to the conveyor to facilitate complete body cleanout without raising the body.

Body sides shall be rigidly constructed with a dirt shedding, boxed top rail constructed of 7 gauge type 201 stainless steel and shall be 3" in height and 3" in depth.

The side exterior shall include vertical channel type ribs that are 4" wide by 2" deep, constructed of 7 gauge 201 stainless steel. The channel ribs shall be spaced 36" on center maximum. Integral manifolds for grease line extensions shall be placed fore and aft.

The 7 gauge 201 stainless front shall be sloped and boxed to accommodate a



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Quotation

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Qty Part Number Description of Work Each (\$)

Total (\$)

trunion mounted front telescopic hoist and screw adjustable feed gate. The top of the front panel shall be reinforced with a 3-3/8" x 1-5/8" integral formed channel.

The rear of the body shall be supported by two pieces of 7 gauge 201 stainless, contoured to the slope of the body. Additional reinforcement will be provided by a 7 gauge formed box section, placed at the rear of the combination body and tied to the two rear posts. Rear corner posts shall have provisions for six oval and four round lights.

The 6" side board pockets shall be constructed of 14" material in the rear and 7 gauge material in the front and be a minimum of 2" wide.

All of the inside and outside joints shall be 100% continuously welded for maximum strength.

The tailgate shall be a minimum of 6" higher than the sides of the body. The tailgate shall be manufactured of 7 gauge 201 stainless steel with a boxed perimeter of 10 gauge 201 stainless steel the full width of the tailgate. The tailgate shall be double acting with a squared perimeter, having two dirt shedding horizontal braces of 10 gauge 201 stainless material full width of the tailgate.

The material door shall extend 16" into the interior of the body to prevent material from escaping through the partially opened door over the conveyor. The door opening shall be 21" in width by 8-1/2" in height and shall be manufactured of 3/16" 304 stainless steel. The door shall be adjustable with a screw adjustable jack and stainless jack handle.

The upper tailgate hardware shall be 1" x 4" bar, retained with 1-1/4" stress proof, zinc plated machined pins.

The lower latch pins shall be 1/14" of 201 stainless. The lower tailgate latch shall be 201 stainless, 1" thick and be over center positive lock, lever release type. The lower pins shall rest in a 1" thick 201 stainless seat. Spreader chains shall be minimum 5/16" stainless steel and sheathed with a protective cover.

Shall be the pintle chain type running longitudinally with the body feeding material to the hinged rear end-gate or feed gate opening. The overall conveyor width shall be 34" minimum.

The conveyor chain shall be heat treated 2-1/4" pitch, pintle-type with 15/32" SS pins and have a minimum of 26,000 lb. tensile strength and be manufactured in the USA.

Cross bars are to be 1/2" thick x 1-1/2" wide and be positioned on 2.25"

Cross bars shall be welded on both the top and bottom of the bar and shall lay flat on the conveyor floor.

CONVEYOR CHAIN SYSTEM TO BE THE SAME AS THE RDS BODIES BUILT

Sprockets are to be eight tooth, case hardened to 40-48 Rc, self cleaning and keyed to the 2" drive and idler shafts.

Two, high torque/variable speed 6:1 spur gear boxes and hydraulic motors shall be positioned on the rear drive shaft.

Conveyor drive shaft shall have heavy duty, dust sealed self aligning four bolt flange bearings.

Two heavy-duty idler assemblies with side rail adjusters and 1-1/4" stainless adjusting bolt, shall provide 9" of adjustment for proper conveyor chain



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Quotation

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Qty Part Number Description of Work

Each (\$)

Total (\$)

tension.

Chain links will be protected on each side, full length, with bolt-on 7 gauge 201 stainless shields. Integral formed chain shield are not acceptable.

The DA hoist shall be trunion mounted and of telescopic design.

The hoist shall be designed to operate up to 2,500 PSI and shall be self bleeding.

The hoist shall have 1/4" wall construction with bronze glands and pistons to assure a smooth and durable bearing surface.

DVS-192-96-56

16' DVS, REAR DISCHARGE ONLY, 201 STAINLESS STEEL BODY CONSTRUCTION

CONVEYOR CHAIN WITH BAR EVERY LINK

Capacity shall be approximately 10.6 cubic yards without side boards.

Capacity shall be approximately 12.7 cubic yards with side boards.

Tailgate shall be 50" high.

Sides shall be 44" high

Inside length shall be 16' long.

Inside width shall be approximately 89" and outside width NOT to exceed 96"

Body shall be capable of unloading materials without raising.

Longitudinals shall be ¼" stainless formed members with a minimum 12 inches in height, 34" apart and include four 3" ID cross over tubes at the rear for installation of hoses and wiring.

Lower longitudinal cross supports shall be ¼" x 4" stainless channels spaced on 24" centers.

The 4-1/2 " return angle on the longitudinals shall be boxed and tapered for additional support and to prevent any retention of material.

Upper longitudinal cross supports shall be 3"x 3"x 3/16" angles place on 12" centers. These angles shall serve as the upper longitudinal supports and bolt in floor supports.

The one-piece, '4" stainless steel bolt-in floor shall have rolled over radius front and rear.

The 7 gauge 201 stainless sides shall be sloped 45 degrees to the conveyor to facilitate complete body cleanout without raising the body.

Body sides shall be rigidly constructed with a dirt shedding, boxed top rail constructed of 7 gauge type 201 stainless steel and shall be 3" in height and 3" in depth.

The side exterior shall include vertical channel type ribs that are 4" wide by 2" deep, constructed of 7 gauge 201 stainless steel. The channel ribs shall be spaced 36" on center maximum. Integral manifolds for grease line extensions shall be placed fore and aft.

The 7 gauge 201 stainless front shall be sloped and boxed to accommodate a trunion mounted front telescopic hoist and screw adjustable feed gate. The top of the front panel shall be reinforced with a 3-3/8" x 1-5/8" integral formed channel.

The rear of the body shall be supported by two pieces of 7 gauge 201 stainless, contoured to the slope of the body. Additional reinforcement will be provided by a 7 gauge formed box section, placed at the rear of the combination body and tied to the two rear posts. Rear corner posts shall have provisions for six oval and four round lights.



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Qty Part Number Description of Work

Each (\$)

Quotation

Total (\$)

The 6" side board pockets shall be constructed of $\frac{1}{4}$ " material in the rear and 7 gauge material in the front and be a minimum of 2" wide.

All of the inside and outside joints shall be 100% continuously welded for maximum strength.

The tailgate shall be a minimum of 6" higher than the sides of the body. The tailgate shall be manufactured of 7 gauge 201 stainless steel with a boxed perimeter of 10 gauge 201 stainless steel the full width of the tailgate. The tailgate shall be double acting with a squared perimeter, having two dirt shedding horizontal braces of 10 gauge 201 stainless material full width of the tailgate.

The material door shall extend 16" into the interior of the body to prevent material from escaping through the partially opened door over the conveyor. The door opening shall be 21" in width by 8-1/2" in height and shall be manufactured of 3/16" 304 stainless steel. The door shall be adjustable with a screw adjustable jack and stainless jack handle.

The upper tailgate hardware shall be 1" x 4" bar, retained with 1-1/4" stress proof, zinc plated machined pins.

The lower latch pins shall be 1/14" of 201 stainless. The lower tailgate latch shall be 201 stainless, 1" thick and be over center positive lock, lever release type. The lower pins shall rest in a 1" thick 201 stainless seat. Spreader chains shall be minimum 5/16" stainless steel and sheathed with a protective cover.

Shall be the pintle chain type running longitudinally with the body feeding material to the hinged rear end-gate or feed gate opening. The overall conveyor width shall be 34" minimum.

The conveyor chain shall be heat treated 2-1/4" pitch, pintle-type with 15/32" SS pins and have a minimum of 26,000 lb. tensile strength and be manufactured in the USA.

Cross bars are to be $\frac{1}{2}$ " thick x 1-1/2" wide and be positioned on 2.25" centers.

Cross bars shall be welded on both the top and bottom of the bar and shall lay flat on the conveyor floor.

CONVEYOR CHAIN SYSTEM TO BE THE SAME AS THE RDS BODIES BUILT FOR CCD

Sprockets are to be eight tooth, case hardened to 40-48 Rc, self cleaning and keyed to the 2" drive and idler shafts.

Two, high torque/variable speed 6:1 spur gear boxes and hydraulic motors shall be positioned on the rear drive shaft.

Conveyor drive shaft shall have heavy duty, dust sealed self aligning four bolt flange bearings.

Two heavy-duty idler assemblies with side rail adjusters and 1-1/4" stainless adjusting bolt, shall provide 9" of adjustment for proper conveyor chain tension.

Chain links will be protected on each side, full length, with bolt-on 7 gauge 201 stainless shields. Integral formed chain shield are not acceptable.

The DA hoist shall be trunion mounted and of telescopic design.

The hoist shall be designed to operate up to 2,500 PSI and shall be self bleeding.

The hoist shall have 14" wall construction with bronze glands and pistons to assure a smooth and durable bearing surface.



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Oty Part Number Description of Work Each (\$)

Quotation

Total (\$)

The glands shall each be a continuous cast bearing, SAE-660 bronze with a tensile strength of 44,000 PSI.

The cylinder head and piston shall be of a "ductile" cast iron, with a tensile strength of 60,000 PSI. Each cylinder section shall be internally sealed. The inside seals shall be of a U-cup design made of nitral packing.

The cylinder shall have a Melonized/Q.P.Q running surface.

The Melonized surfaces shall have a predominance of single phase episilon

The nitride shall cover the entire cylinder surface.

The rear hinge shall be made of a reinforce structural angle and have 2" stainless steel pins that are removable. The hinge pads shall have greasable composite bushings.

ALSO INCLUDES:

- SS REAR TIP UP SPINNER WITH WINCH
- SS TARP MOUNTING KIT
- (2) SS FOLDING LADDERS
- SS FENDER KIT
- SS CAB SHIELD
- SS DROP IN FLOOR COVER
- (2) VIBRATOR MOUNTING KITS (INSTALLED ON BODY LONG MEMBERS)
- (1) PAIR OF 12" SS SIDE BOARDS WITH RUBBER BUMPERS
- (1) SS TOOLBOX, FENDER MOUNTED

1	Furnish and install a Monroe 16' model DVS dump/sander body in lieu of the 16' base body quoted in the RFP.	\$13,410.00	\$13,410.00
	Supply a stainless steel tool box mounted on the body fender drivers side. Price of tool box is included in the base price of body.		
1	Supply hoist per award.	\$5,699.00	\$5,699.00
1	Force America Hydraulic supplied for a Monroe DVS body and a 10' CCD straight blade oplow.	\$32,023.00	\$32,023.00
1	Supply tarp system	\$2,746.00	\$2,746.00
1	Supply pintle hook plate	\$2,667.00	\$2,667.00
	Supply and install a rear suspension protector.	77.00	
1	MPPJ39R10-ISTT 10' ploy plow PARA-LIFT	\$16,715.00	\$16,715.00

MONROE PART#00167662 MONROE J-STYLE TORSION TRIP EDGE REVERSIBLE PLOW INCLUDES:

^{*} Moldboard sheet shall be 3/8" thickness of UHMW polymer with built-in integral shield

^{*} Polymer sheet shall be bolted at the top of the moldboard to a 2" x 3" x 3/8"



Date:

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

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Quotation

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February 18, 2019

Qty Part Number	r Description of Work	Each (\$)	Total (\$)
	top moldboard angle		
	* Two 4" x 14" power reverse cylinders with cushion valve		
	* KUPER GK-5 cutting edge (2) section trip edge		
	* Ten 1/2" solid one-piece flame cut vertical ribs		
	* 4" x 4" x 3/4" bottom moldboard angle		
	* Six 3/4" adjustable torsion springs		
	* Parallelogram style lift		
	* Main push tube is to be 4" x 4" x 4/8" A36 seamless square wall tubing		
	* Fabricated A36 steel 3-1/2" x 3-1/2" x 1/2" semi-circle		
	* Moldboard and frame to be 100% continuously welded		
	The moldboard height of the plow is 39 inches The overall width of the plow is 10 feet		
	INCLUDED WITH THE PLOW ARE THE FOLLOWING ITEMS:		
	NEW TRUNION STYLE Parallelogram lift frame		
	(2) Section trip edge		
	Kuper GK-5 cutting edge		
	(2) Winter Equipment HC-6-3-12 curb guards (part# 00151876I)		
	Rubber snow deflector installed (part# 00069261I)		
	Orange poly sight markers (part# 05053231)		
	Jack brackets for CITY SUPPLIED Snow wheels brackets to have four sets of		
	mounting holes for height adjustment		
	TRUCK PORTION FLAT PLATE HITCH, PART# 00153336		
1	Supply a Monroe flat plate plow hitch.	\$3,080.00	\$3,080.00
		#c00.00	* * * * * * * * * *
1	Monroe to supply and install JW Speaker plow lights on stainless steel brackets.	\$600.00	\$600.00
_	DI denets.		
-		\$566.00	\$566.00
1	Supply Sundries Equipment per award Tatal Bridge not including Options on Tayou		
	Total Price not including Options or Taxes);	00
Options:			v contract to the later of
Qty Part Number	r Description of Work		Total (\$)
1	Furnish only (DO NOT INSTALL) one set of 12" stainless steel bang boards to	o fit the CCD	\$2,946.00
	16' DVS body. Bang board to have the rubber bumpers installed on the top.		
Nictor			
Notes:			
Body Serial # Hoist Serial #			
Plow Serial #			
i iow scital #			
A 1			
Accepted Rv:	Quoted Bv:		Dick Eckrich

CITY PO EXHIBIT

City and County of Denver Fleet Management Vendor Supplied Information Data

City Unit(s) # (City Use Only)

ENTER CITY PURCHASE ORDER NUMBER: PO-_____ Example:PO-00003584 The following underlined forms and information are REQUIRED for new vehicle deliveries: Copy of entire Purchase Order (all pages) Original MSO (Manufacturers Statement of Origin) – is required for all vehicles except off-road and construction equipment. May receive one for some off road equipment if manufacturer issues one. Name of purchaser: City and County of Denver Address: 201 W. Colfax Ave. Dept. 304 **Denver, CO 80202** Secured Dealer Bill of Sale (DR2407) - IN STATE ONLY - Required for on the road vehicles Such as cars, pickup[s, vans and any vehicle under 16,000 GVWR. Not needed if odometer Section is filled out and signed on MSO. Not required on vehicles over 16,000GVWR LBS. Application for Title and Registration (DR2395) – Required for all on-road vehicles and trailers. Verification of Vehicle Identification Number (DR2698) – Required for all Vehicles coming from an out of state dealer, incomplete vehicle. I.E. Cab and Chassis. Statement of Fact (DR2444) - Required on all vehicles with modifications to the cab and chassis. Such as a body crane, auxiliary engine, etc. The statement of fact must include the modifications made and include VIN numbers of chassis and equipment. Special Mobile Machinery Form (DR2689) - Required on all off road and Construction equipment. I.E. Front end loaders, tractors, skid steer loaders, Mowers, air compressors, motor graders, etc. Weight slip required - (on all incomplete vehicles that are made into a complete vehicle) – and all off-road equipment and construction type equipment. (Front end loaders, sweepers, graders, air compressors, rollers, etc.). Temporary License Plate – Required for all on-road vehicles. Not required for off road Equipment. **Original** Dealer Invoice – Required for all vehicles on and off the Road. Receipt or Contract for Optional Warranty – Only if spec or called out on P.O. Shop and Parts manuals (as required) (CD or electronic form preferred) – Only if spec or show as a line item of P.O. Dealer Signature: Date:

DMV CHECKLIST Version: 11-16-15