

PUB WKS

06/11/13

OFFICIAL NOTICE OF MEETING  
OF THE  
PUBLIC WORKS COMMITTEE OF THE MAUSTON COMMON COUNCIL  
6:00PM  
TUESDAY, JUNE 11, 2013  
MAUSTON CITY HALL COUNCIL CHAMBERS  
303 MANSION STREET

1. Call to Order/Roll Call
2. Discussion and Action Regarding Minutes of May 14, 2013, Meeting
3. Discussion and Recommendation Regarding 2013 Road Maintenance Contract Award
4. Discussion and Recommendation Regarding Truck Equipment Purchase
5. Discussion and Recommendation Regarding Emergency Generator
6. Discussion and Recommendation Regarding Well #3 Inspection and Maintenance
7. Director of Public Works Report
8. Adjourn

**OFFICIAL MINUTES OF MEETING  
OF THE  
PUBLIC WORKS COMMITTEE OF THE MAUSTON COMMON COUNCIL  
APRIL 23, 2013**

**Call to Order/Roll Call** The Public Works Committee of the Mauston Common Council met on Tuesday, April 23, 2013, in the Council Chambers of Mauston City Hall. Chair Rick Noe called the meeting to order at 6:00pm. Members present were Floyd Babcock, Francis McCoy, and Noe. Also present were Mayor McGuire, alderperson Steve Leavitt, and Director of Public Works Rob Nelson.

**Committee Chair** Babcock/McCoy to elect Rick Noe as chair. Nominations closed. Motion carried by voice vote.

**Recording Secretary** Babcock/McCoy to have Rob Nelson serve as recording secretary. Motion carried by voice vote.

**Minutes** Babcock/McCoy to approve the minutes of the April 9, 2013, meeting. Motion carried by voice vote.

**Purchase of Truck** Babcock/Noe to recommend to the Council to purchase the Peterbilt truck in the amount of \$88,550.00. Motion carried by voice vote.

**Special Assessment Adjustment Request** McCoy/Babcock to recommend to the Council to reduce the Mansion Street Assessment for St. Patrick's Church to the residential amount, as per past practice. Motion carried by voice vote.

**Well #3 Inspection and Maintenance** tabled to a future date.

**Adjourn** Babcock/McCoy to adjourn. Motion carried by voice vote. Meeting adjourned 6:20pm.

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Rick Noe, Chair

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Date

2012 Street Repair and Maintenance

Preliminary Results – Council to take action on 6/11/13

Bid Summary

Bid Opening: 6/6/13 Time: 12:15pm

Present: Public Works Director Rob Nelson, Administrative Assistant Diane Kropiwka, Representatives of Scott Construction and D.L. Gasser

Item	Description	Scott Construction	D.L. Gasser			
1	State St. (Hwy12/16E) Water St. to Mills St. Approx. 9200 SY	90,027	77,596			
2	State St. (Hwy12/16W) Hanover St. to Remington St. Approx. 15275 SY	138,832	124,541			
3						
4						
5						
6						
	5% Bid Bond or Cashier's Check	Yes	Yes			



## MEMO

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**To:** City of Mauston – City Council  
**From:** Nathan Thiel, City Administrator  
**Subject:** Equipment Replacement Program  
**Date:** June 6, 2013

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The Equipment Replacement Program has sufficient fund balances to handle the costs of the additional truck equipment and will not have a detrimental impact on the future schedule. The annual contribution does take into account special equipment like plows, salt spreaders, and other implements. The Future outlook is also based only on the cost of equipment and does not account for any revenue or trade in value. See attached 2013 budget.

The issue at hand is to identify the funding source given the budgeted appropriation was short. The City budgeted an expense of \$125K. The actual cost is around \$135K. Council approved \$87K for the purchase of the truck. The Dump body and other implements is another \$48K. I would make one of two recommendations:

1. Use the City's budgeted contingency line item to cover the \$10K shortfall. Total budgeted contingency is \$78K. Typically the remaining contingency is directed towards the equipment replacement program anyway. At the end of the year it is applied to drawdown the total annual equipment replacement contribution.
2. Order now, but budget and schedule that actual payment for 2014. Typically the equipment setup takes several months to complete and by the time the City will actually see the truck, it will most likely be 2014.

The City did budget revenue of \$30K for the trade in value of the old equipment. The City does anticipate a revenue from the trade in, but this was an estimate at best. Please note that while this practice is applied for the current year, it is not done in the out years for forecasting purposes. In future budgets the City could forgo budgeting for revenue, to provide additional buffer.

# MADISON TRUCK EQUIPMENT INC.

A Complete Line  
Of  
Truck Equipment

2410 S. Stoughton Road  
Madison, WI 53716-2898

Telephone (608) 222-5591  
Wisconsin (800) 259-7453  
FAX (608) 222-3644

To: **CITY OF Mauston**  
Address: 1260 North Rd  
City: Mauston, WI 53948-9794  
Attention: **Rob Nelson**  
Telephone #: 608-847-4070  
Fax #: 608-847-4870

Date: 04/15/13  
Delivery:  
Dealer:  
P. O. #:

Terms: **NET ON DELIVERY, unless specified**

Quantity	QUOTE GOOD FOR 30 DAYS			PRICE EACH
One	<b>10' DuraClass (Heil) 316 Dump body</b> 1/4" Hi Ten floor & 3/16" Hi-Tensile tailgate, 8 Ga. Hi-tensile balance Sloped Sides from 48" front to 34" Tailgate Crossmemberless understructure 48" high front head with 1/2 cab shield floor to side knee braces 10" high deep flared long members made of 3/16" hi-tensile steel Fully boxed dirt shedding top rail Horizontal Side brace, <b>Stainless Steel</b> Full Depth rear corner posts; aerodynamic front corner posts <b>Heavy Duty</b> Tailgate Hardware Manual Trip Tailgate all Greaseable Tailgate Pivots Two Sets of Anti-Sail/Anti-splash mudflaps <b>DuraClass (Heil) 1821</b> Single cylinder twin arm underbody hoist 5/16" heavy duty subframe construction All greaseable pivot points, Chrome Cylinder Body props, body raise light, backup alarm, L.E.D. sop/tail/turn lights Undercoat Dump Body Primed and Painted Blue Single Stage 1 Color <b>Cougar 1600</b> Vibrator with wire in conduit Ladder 3/4" rear Hitch Plate, with D-Rings and Pntle			
ONE	<b>FASD 34L Force America</b> Front Mount Load Sensing Hydraulic System PUMP With 6 Main Bank Valve, And Morse Cable Controls Low Oil Warning Light & Alarm With Emergency Ballcock Shut Off 30 gallon Oil Tank with In Tank Filter, Level Indicator Valve Enclosure for ADD-ASTACK Valve SSC 2100 Force America Spreader Controller			
ONE	<b>SWENSON "SBD9 SS" TAILGATE SPREADER</b> 9" Direct Driven Auger 7 Ga. Endplates, 7 GA. Trough, 201 Stainless Steel 18" Poly Spinner Short hose kit			
Chassis Make		CA:	Trans:	Subtotal
Customer Signature and Date		Salesman		Tax 5.5%
				F.E.T. 12%
		<b>KURT SCHADEWALT</b>		<b>TOTAL</b>

*Sub  
Frame  
14  
Higher Side*



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Quantity	QUOTE GOOD FOR 30 DAYS		PRICE EACH
<b>ONE</b>	<b>UNIVERSAL BH 1140 HDP PLOW 11' Length 40" height (Replaces BH 1138)</b> 10 GA. Moldboard, loop hitch (Plow Portion) Heavy Duty Push Frame with 8 Ribs, Six Hinge Points, Frame about 11" from end of Plow Moldboard Trip with 2 Adjustable Tension Springs One 4" x 13" power reverse cylinder mounted above push frame 3/4" x 6" Carbide cutting edge with standard AASHO punch with curb shoe Rubber Deflector Plow Markers, Screw Jack Parking Stand, Curb Shoes Primed and painted Factory Black		
<b>ONE</b>	<b>9' UNIVERSAL Uni Glide Wing 30" HIGH FRONT MOUNTED WING</b> All hydraulic operation (No cables); 30" height 3/16" moldboard; Eight 1/2" ribs fully welded: 1 1/2" main pivot bolt w castle nut Heavy duty adjustable spring loaded push beam with shear pin 10" float at the toe; floating link arm at the heel toe cylinder with 2" rod; 4" x 13" toe cylinder with 2" rod 3/4" x 6" Carbide cutting edge with standard AASHO punch with curb shoe Trip Cutting Edge Wing Lock Wing Moldboard end Marker Primed & Painted Factory Black		
<b>ONE</b>	<b>SAFETY LIGHTING PACKAGE</b> includes the following Federal Signal L.E.D. Mini Hi-Lighter on cab shield Hella Plow lights with turn signals Alternating <b>L.E.D.</b> flashing strobes in rear corner posts Amber Spreader Light, Wing Light Conspicuity tape on side and rear tailgate Installed FOB Madison, WI		
<b>OPTIONS</b>	6 Panel light switch box Wing Side Air Bag Air Trip tailgate in Lieu of Manual Trip FASD 45 Load Sense Pump In Lieu of FASD 34 Pump The quoted price includes ONLY what is described above. It is your responsibility to review the specifications.		
<b>Chassis Make</b>		CA: 84"	Trans:
<b>Customer Signature and Date</b>		<b>Salesman</b>	
		<b>KURT SCHADEWALT</b>	
		TOTAL	\$49,986.00
		ADD	\$350.00
		ADD	\$1,200.00
		ADD	\$450.00
		ADD	\$400.00
		Tax 5.5%	
		F.E.T. 12%	
		<b>TOTAL</b>	

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*1000 00*  
*vib.*



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Quantity	QUOTE GOOD FOR 30 DAYS			PRICE EACH
One	<b>Force America Full Electric Option</b> with MPJC-2100-3- Ultra 3 Stick proportional Ultra Controller In Lieu of Standard Manual Joysticks and Cables ADD			\$6,504.00
One	<b>10' DuraClass (Heil) Stainless Steel Dump Body</b> 7 Ga. 201 Stainless Steel Sides, Front, Tailgate, Cab Guard Sloped Sides Standard Steel Floor, Understructure, and Hardware In Lieu of Painted Steel Body above ADD			\$3,203.00
Note	<b>No Paint on Stainless Steel (BARE)</b>			
One	<b>Wausau HSP 4211 Home Safe Poly Plow</b> with trip edge, Snow Deflector, Curb Shoe and carbide edge In Lieu of Universal BH 1140 Plow ADD			\$2,230.00
One	<b>Wausau PW9 Patrol Wing</b> Torsion Trip edge and carbide cutting edge In Lieu of Universal Uni Glide Wing Plow ADD			\$350.00
<b>Chassis Make</b>		<b>CA:</b>	<b>Trans:</b>	<b>Subtotal</b>
Customer Signature and Date		Salesman		Tax 5.5%
		<b>KURT SCHADEWALT</b>		F.E.T. 12%
				<b>TOTAL</b>

# **BURKE TRUCK & EQUIPMENT, INC.**

**5337 REINER RD., MADISON, WISCONSIN 53718**

**888-249-9788 / 608-249-9788 / FAX: 608-837-7530**

**Email: [sales@burketruck.com](mailto:sales@burketruck.com) / Web: [www.burketruck.com](http://www.burketruck.com)**

608-335-9788

**4/15/13**

## **Prepared for the City of Mauston**



## **2013 Patrol Truck Package**

### **Accessory Equipment Summary**

- High Way Equipment 5-yd dump body
- Burke Road Tamer 11-ft moldboard plow with trip moldboard
- Burke Snow Patrol 10-ft wing
- HI-WAY Equipment 201 stainless steel tailgate spreader with 9-inch auger
- Electronic spreader controls
- Burke Sealed electrical system
- Manual hydraulic controls for plow, and dump body
- Cab and chassis under coated and rust proofed.

## ACCESSORY EQUIPMENT SPECS

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### High Way Equipment Dump Body

Capacity	5-yd
Length	10-ft sides: 30" tailgate 38"
Structural	Unibody design (no cross members, very low mounting height); 8" I-beam longitudinal on underbody hoist; 12" clearance with 10' UB hoist; 4" structural channel subframe; 10-gauge sides and ends; one-piece $\frac{1}{4}$ " AR400 steel floor; full-height front corner post; one intermediate horizontal side brace on each side; 5-3/4" X 12" full-depth rear corner post tied to an 8" structural channel rear apron; manual double-over-center tailgate release mechanism; tailgate with full perimeter boxing and sloped horizontal brace and top rail; 4" structural channel subframe with 6" X 4" X 3/8" structural angle rear hinge; 1-1/2" diameter <b>303 stainless steel rear hinge pins with greaseable pivot points.</b>
Hydraulic	Telescopic hoist
Coating	Body chemically cleaned with a phosphate solution before underside of body and subframe primed black
Under coat	<b>DuPont Rust Free bake on system</b>
Rear Hitch	<b>16,000 lb pintol</b>

## Burke Road Tamer 2000 Plow



### **Burke Road Tamer 11-ft moldboard Plow with Trip moldboard**

Plow	11-ft X 42", 7-gauge broke (not rolled), with 8 vertical ribs, 5 hinge points,
Table	1 adjustable parking stand, two 4 x 13 D.A. cylinders with <b>2" nitrided rods</b> . <b>All connecting points from table to moldboard have poly bushings</b>
Hitch	Burke Model UBF-WQCP quick hitch with loop and latch casting, 4" X 10" D.A. lift cylinder with <b>2" nitrided rods</b> , painted black.
Hydraulic cylinder	The 4" x 10" cylinder is custom-made to Burke specifications and exceeds cylinder size and capacity needed for snowplowing equipment.
Hydraulic hook-up	series 72 couplers.
Blades	Carbide blades 7/8" X 5" and 1/2" X 6" cover blade - 5/8 square bolt holes & grade 9 plow bolts on a standard highway punch.

## Burke WING



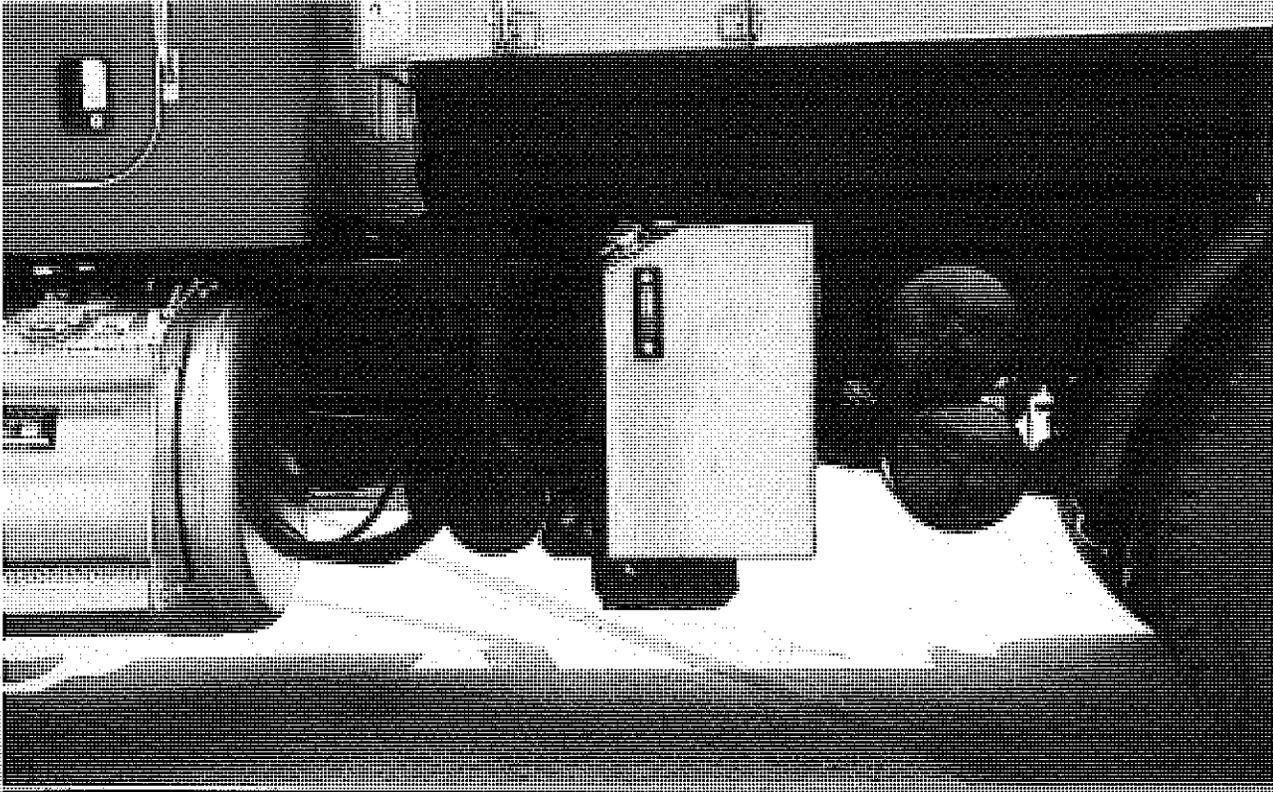
### Burke Snow Patrol 10-ft Wing

Wing	10-ft right moldboard overall with 9-ft trip cutting edge with 4 torsion springs of at least 7?8" (not double panel); wing moldboard is broke (not rolled) 10-ga; face 28" high at the toe end and 35" high at the heel.
Blades	<b>Carbide blades 7/8" X 5" and 1/2" X 6" cover blade - 5/8 square bolt holes &amp; grade 9 plow bolts on a standard highway punch.</b>
Front post	<b>Patented A-ARM LIFT SYSTEM</b> and at least 18" free travel and a minimum of 15" ground clearance; toe cylinder 3 1/2" X 10" S.A. cylinder with 2" nitrided rod; heel cylinder 4" X 20" with <b>2" nitrided rod and De-Cell.</b>
Rear brace tube	4" X 6" X 3/8" thick protruding under both frames with 2 side plates, a brace tube of 2" schedule #80 material and ball ends; Spring-cushioned push brace, frame mount stop and holding (lock) bracket; painted black.
Hydraulic cylinders	All plow cylinders are custom-made to Burke specifications and exceed cylinder size and capacity needed for snowplowing equipment. All rods are nitrided.



**HI-WAY Equipment 304 Stainless Steel SA-9 Tailgate Spreader with 9-inch Auger**

- |          |   |
|----------|---|
| Auger    | 9" auger 5/8" auger flighting, heavy-duty 2-3/8" schedule 80 pipe; easy cleanout and access to auger from top and bottom. |
| Spinner  | 18" poly spinner.   |
| Controls | Electronic auger and spinner controls with electric burke valve with manual override.                                     |
| Drive    | All-hydraulic direct drive.   |



**Hydraulic System**

Pump	Force America Transmission mount
Capacity	65 gallon per minute.
Valve bank	Force America Add-A-Stack central distribution valve bank with cab-mounted Patrol Commander- Ultra Series controller
Reservoir	Thirty-gallon valve enclose hydraulic oil reservoir with sight glass and temperature gauge; ten-micron in-tank filter system with full flow by-pass; plugged system gauge and low oil warning beeper; system is capable of using either all-temp standard oil or Dexron III oil.
Hoses	Two (2) wire hydraulic hose used throughout entire system. <b>Stainless steel tubing bracketed to the rear and front of truck.</b>

**Electrical System**

**Wiring:**

All wiring is double jacketed with ethylene-propylene rubber to seal out moisture and to protect against damage. In addition to the double jacket, all wires that are in an abrasion area are covered with vinyl tubing for additional protection. All electrical connections are sealed against moisture. All electrical junction boxes are waterproof. All lights are grounded through the wiring system, not to mounting bolts. All junction boxes are grounded to the chassis in addition to the wiring system. All bulbs and electrical plugs are coated with dielectric grease to seal out moisture. Wiring harnesses are securely fastened to prevent damage.

**Controls:**

Burke custom designed electrical controls are located in a standard floor console. Each of the six circuits is fused with re-settable circuit breakers. The switches are marine grade and are rated to carry 25 amps. The salter control panel is designed so that it can be removed from the truck easily if service becomes necessary.

**Plow Lights:**

The plow lights are mounted in Noryl housings with stainless steel hardware for corrosion resistance. They include bright, sealed, halogen headlight beams with built-in parking and turn signal lights.

**Tail/Stop Lights:**

These 6-inch LED oval lights are mounted in cutouts on the rear of the dump box. These lights on the box are in addition to the standard tail/stop/turn lights that are mounted to the truck chassis.

**Side Marker Lights:**

The side/marker lights are 2 ½" LED round lights that are sealed and installed in cutouts in the dump box sides.

**Identification Lights:**

These are the three LED red lights below the dump box on the rear of the truck. The identification lights are 2 ½" round lights that are sealed and installed in a bracket welded to the truck chassis.

**Hot Lights:**

These are the flashing LED warning lights on the dump box cab guard. The hot lights are 6" oval alternating flashing lights that are mounted in a swinging bracket on the dump box cab guard.

**Emergency Warning Light:**

The emergency warning light is a double mirrored rotating light, that is mounted on a self leveling bracket on the center of dump box cab guard.

**Burke Truck & Equipment, Inc. detailed spec list**

City of Mauston  
1260 North Road  
Mauston, Wisconsin 53948

Attn: Rob Nelson

Subject: Patrol Truck equipment package

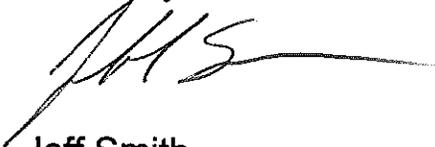
Dear Mr. Nelson, thank you for the opportunity to quote you on the equipment listed in this specification. All prices are valid for 60 days. Please feel free to contact me with any questions or changes.

Total equipment price \$63,200.00

Optional Equipment

1. Dump body sides and ends constructed of 201 stainless steel, add \$3,500.00
2. Rear facing camera with dash mount screen, add \$789.00
3. 18" x 18" x 24" side mounted aluminum tool box, add \$396.00

Sincerely



Jeff Smith  
Burke Truck & Equipment Inc

UNIVERSAL TRUCK EQUIPMENT INC.  
N15921 SCHUBERT RD  
GALESVILLE, WI. 54630  
608-539-4600 ORDERS  
608-539-4800 FAX  
Date: 04-05-13

For: City of Mauston  
Att: Rob  
Quoted by: Donnie

### 1) Henderson Mark E-SA 11' Dump Body:

- \* Unibody design "No cross members"
- \* 11ft. box with 84" inside width
- \* 7ga. grade 50 Hi-tensile steel sides & ends
- \* One piece 7ga. steel sloped sides from 52" header to 32" tail
- \* Two intermediate horizontal side braces, bottom rub and top rail to be sloped for dirt and debris shedding
- \* 7ga., 3 panel tailgate standard with all horizontal bracing sloped
- \* 32" air trip tailgate- two (2) grab handles (one in each corner of bottom panel- mild steel)
- \* **One piece, 1/4" AR400 steel floor-200,000 PSI tensile strength**
- \* 45 degree floor to side knee-brace formed into floor (3/16" AR400)
- \* Fully boxed-in & fully welded top rails
- \* Under frame is two 5" structural steel I-beam long sills with "No splices" / 4" subframe (9" mounting height)
- \* Contoured front corner post
- \* Full depth rear corner post with two (2) oval light holes in each corner post
- \* **One safety body prop**
- \* **22" x 78" cabshield, 10ga. steel, fully welded**
- \* **Steel 5 rung fold-up type ladder with rubber hood catch and bracket mounted above left rear tire**
- \* **Back-up alarm**
- \* **Two sets of mud flaps installed in front of and behind the rear tires**
- \* **One set of shovel hooks**
- \* Recessed rubber mounted, oval, stop, turn & tail lights, **mounted in rear of the box**
- \* **All electrical wiring connections will be put in heat shrink tubing & will run to a sealed junction box**
- \* **UTE Power Control Center w/ lighted rocker type switches for strobe, plow, & work lights**
- \* Conspicuity tape per City recommendations
- \* **Primed & painted Blue (Dupont-Coyne / F3331K/ALT1)**
- \* Mounted & fully operational
- \* One year warranty

### 1) Hoist:

- \* Mailhot CS-100-4.5-3 (21.6 ton) heavy duty telescopic hoist, class 60
- \* Cylinder is double acting-power up/ full power down
- \* Trunnion mount cylinder with oscillating trunnion collar
- \* 303 stainless steel rear hinge pins with composite bushings and grease zerks
- \* Cable pull off valve/hoist limiter valve, installed
- \* Two year warranty

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### 1) Hydraulic system:

- \* Force America (Oilgear) FASD45L (6.0 cu. in.) load sense pump with 1" shut off valve
- \* Parker MCV-ISO-6 spool Add-A-Fold valve body with truck frame mounted mild steel valve enclosure
- \* Valve body to run sander spinner/auger and plow lift /reversing, the wing toe/heel, & dump box hoist
- \* MPJC2100-3-Ultra Proportional Controller, with integrated SSC2100 spreader control
- \* Ultra Controller comes standard with 4 switches
- \* DXV cushion valve mounted on front bumper to protect plow reversing cylinder
- \* Proximity switch hoist limiter / Low oil sending unit wired to std. Ultra heads up display
- \* Wing loc valve for heel cylinder / Integrated counterbalance valve for the wing toe cylinder
- \* 30 gallon Slim-Line hydraulic reservoir- truck frame mounted with in tank filter assy., sight & temperature gauges
- \* 2" ball valve for tank suction shut off
- \* Hoses & couplers as needed
- \* Dextron 3 hydraulic oil
- \* Mounted & fully operational
- \* One year warranty

### 1) Universal BH-12-40L HDP MBT/TE power reversible snow plow:

- \* 12ft. plow length
- \* 40in. plow height (overall height is 44" with a trip cutting edge and 6" high cutting blade)
- \* 10ga. moldboard
- \* Loop type hitch, plow portion, installed
- \* Heavy Duty push frame constructed with ½" x 4" x 8" x 112" angle iron, eight ½" ribs (in lieu of six), fully welded, six main hinge points (in lieu of four) with the furthest hinge point extending about 15" from the end of the plow
- \* One heavy duty 4" x 13" power reversing cylinder w/ brass bushing and grease zerk at live end of cylinder for extended wear
- \* Moldboard Trip/Trip cutting edge combination includes six (6) heavy duty torsion type trip edge springs and two (2) heavy duty adjustable type moldboard trip springs made of 9/16" wire
- \* ¾" x 4" x 4" lower angle, fully gusseted
- \* 3/8" x 2½" x 2½" top angle with drainage holes
- \* Plow is fully welded
- \* Standard 5/8" x 8" x 12' cutting edge with standard AASHO punch
- \* Rubber snow deflector, 3-ply, ½" thick x 12" wide, installed
- \* Plow end markers, installed
- \* Adjustable type parking stand
- \* DXV cushion valve to protect reversing cylinder, installed on front bumper
- \* Std. plow package includes: couplers, hoses with hoses ends and fittings
- \* Primed & painted std. Black
- \* One year warranty

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**1) Universal Truck Portion of Pin & Loop style hitch:**

- \* Fixed length lift arm assy.
- \* ½" x 4" x 8" x 90" heavy duty bumper, full length
- \* 3" x 10" **single acting** lift cylinder
- \* All heavy duty bracing needed
- \* Primed, painted & fully operational
- \* One year warranty

**1) Universal AHW/UGF 9' TE Hydraulic Wing: (front mount)**

- \* All hydraulic "No cables" (new **Uni-Glide** post design!)
- \* 9ft. moldboard length
- \* 30in. moldboard height, front and rear
- \* 3/16in. moldboard thickness
- \* **Heavy Duty Trip Cutting Edge**
- \* Eight ½" ribs
- \* 1½" main pivot bolt
- \* 8" float at the toe
- \* Floating link arm at the heel
- \* **Double acting** toe cylinder with 3½" bore and 2" Nitrided rod (With Lock Valve)
- \* **Double acting** 4" x 13" **D-cell type** heel cylinder with 2" Nitrided rod (With Lock Valve)
- \* Adjustable spring loaded push beam with shear pin
- \* ¾" x 4" x 4" lower angle with full gussets
- \* 5/8" x 8" **cutting edge** with standard AASHO punch
- \* Safety chain at the toe
- \* Safety chain with rear stop
- \* Wing toe lift assy. is mounted at a 45 degree angle (in line with the wing in the plowing position)
- \* Four (4) 1" thick horizontal floating links / Two (2) ¾" thick vertical connecting links
- \* Four (4) 1½" link bolts with 8" bushings and grease zerks
- \* ½" x 4" x 6" rectangular front tube assy. (welded to Uni-Glide mast assy. & runs through both front cheek plates)
- \* Standard rear cheek plates with rear tube and custom stop
- \* **Adjustable air bag kit with in cab controller, extra wing side support**
- \* Hoses & couplers as needed
- \* Mounted & fully operational
- \* Primed & painted std. **Black**
- \* One year warranty

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For: City of Mauston  
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**1) Henderson TGS II 9" auger tailgate sander:**

\* 201 stainless steel construction

- \* Direct drive auger and spinner motors
- \* Trough and cover are 7ga.
- \* End plates are 1/4"
- \* Full 3/8" thick flighting
- \* Flighting is welded to a 2-3/8" O.D. schedule 80 pipe, supported by 1 1/2" shafts
- \* Ball type bearings are 1 1/4" diameter & are greaseable, mounted with a 4 bolt flange
- \* Bottom opens with 6 hinge points for easy cleanout
- \* Self leveling spinner assembly with 18" poly spinner
- \* Standard tailgate spill shields are included
- \* **Install tailgate spreader- include short hose kit from spreader motors to rear of truck  
also includes installing the std. tailgate spill shields**
- \* One year warranty (201 stainless steel is unpainted)

**Total price installed \$51,777.00**

Est. lead time is 70-120 days after trucks get in our yard

**Options:**

- |  |                |
|--|----------------|
| * <u>3/16" AR400 sides and ends in lieu of quoted 7ga. grade 50</u><br>(No center braces & 2-panel tailgate)   | Add: \$ 775    |
| * <u>409 stainless steel side braces, front &amp; rear bolsters &amp; tailgate braces in lieu of std.</u>  | Add: \$ 875    |
| * <u>409 stainless steel Rear Corner Post &amp; Rear Apron Only in lieu of standard</u>  | Add: \$ 440    |
| * <u>Stainless Steel valve enclosure in lieu of mild steel valve enclosure</u>   | Add: \$ 425    |
| * <u>Stainless Steel hydraulic tank in lieu of mild steel tank</u>   | Add: \$ 700    |
| * <u>Nitrogen Charged Hydraulic Pushbar Assy. in lieu of spring loaded pushbar assy. (elect.)</u><br>(Includes extra DA valve section, single axis control handle, special cushion valve and lock valve) | Add: \$ 2,990  |
| * <u>CST-12-40L MBT/TE in lieu of BH-12-40L HDP MBT/TE (see specs)</u>   | Less: \$ 1,240 |

Accepted by: \_\_\_\_\_ by: \_\_\_\_\_

UNIVERSAL TRUCK EQUIPMENT INC.  
N15921 SCHUBERT RD  
GALESVILLE, WI. 54630  
608-539-4600 ORDERS  
608-539-4800 FAX  
Date: 04-05-13

For: City of Mauston  
Att: Rob  
Quoted by: Donnie

**1) Henderson TGS II 9" auger tailgate sander:**

- \* 201 stainless steel construction
- \* Direct drive auger and spinner motors
- \* Trough and cover are 7ga.
- \* End plates are 1/4"
- \* Full 3/8" thick flighting
- \* Flighting is welded to a 2-3/8" O.D. schedule 80 pipe, supported by 1 1/2" shafts
- \* Ball type bearings are 1 1/4" diameter & are greaseable, mounted with a 4 bolt flange
- \* Bottom opens with 6 hinge points for easy cleanout
- \* Self leveling spinner assembly with 18" poly spinner
- \* Standard tailgate spill shields are included
- \* **Install tailgate spreader- include short hose kit from spreader motors to rear of truck**  
also includes installing the std. tailgate spill shields
- \* One year warranty (201 stainless steel is unpainted)

**Total price installed \$**

Est. lead time is 70-120 days after trucks get in our yard

**Options:**

- \* 3/16" AR400 sides and ends in lieu of quoted 7ga. grade 50 Add: \$  
(No center braces & 2-panel tailgate)
- \* 409 stainless steel side braces, front & rear bolsters & tailgate braces in lieu of std. Add: \$
- \* 409 stainless steel Rear Corner Post & Rear Apron Only in lieu of standard Add: \$
- \* Stainless Steel valve enclosure in lieu of mild steel valve enclosure Add: \$
- \* Stainless Steel hydraulic tank in lieu of mild steel tank Add: \$
- \* Nitrogen Charged Hydraulic Pushbar Assy. in lieu of spring loaded pushbar assy. (elect.) Add: \$  
(Includes extra DA valve section, single axis control handle, special cushion valve and lock valve)
- \* CST-12-40L MBT/TE in lieu of BH-12-40L HDP MBT/TE (see specs) Less: \$

Accepted by: \_\_\_\_\_ by: \_\_\_\_\_

UNIVERSAL TRUCK EQUIPMENT INC.  
N15921 SCHUBERT RD  
GALESVILLE, WI. 54630  
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For: City of Mauston  
Att: Rob  
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**Universal CST-12-40L MBT/TE power reversible snow plow:**

- \* 12ft. plow length / 40in. plow height (measured with 6" cutting blade) / 10ga. moldboard
- \* Loop hitch, plow portion
- \* Two (2) heavy duty 4" x 10" power reversing cylinders with 2" nitrated rods
- \* Cylinders are mounted above the push frame / DXV cushion valve to protect cylinders, installed
- \* Push frame is 102" wide, constructed with 3/8" x 4" x 4" square tubing, eight 1/2" ribs, fully welded, six main hinge points with the furthest hinge point extending about 10" from the end of the plow
- \* 3 1/2" x 3 1/2" x 1/2" semi-circle
- \* Moldboard Trip/Trip cutting edge combination includes six (6) heavy duty torsion type trip edge springs and two (2) external compression type springs
- \* Attack angle is adjustable (5, 10 & 20 degree angles)
- \* Bottom angle (frog) is 3/4" x 4" x 4" w/ reinforcing gussets (1/4" x 4" x 7" every 12" on center)
- \* 3/8" x 2 1/2" x 2 1/2" top angle with drainage holes / Plow is fully welded
- \* 5/8" x 8" cutting edge / Adjustable parking stand
- \* Rubber snow flap, 3 ply, 1/2" thick x 12" wide x 12' long / Plow end markers
- \* Primed & painted orange / One year warranty

**Universal Truck Portion of Pin & Loop style hitch:**

- \* Extendible lift arm assy. / 1/2" x 4" x 8" x 90" heavy duty bumper, full length
- \* DXV cushion valve to protect cylinder, installed on front bumper
- \* 3" x 10" single acting lift cylinder / H.D. bracing for truck hitch / Primed black

**Please note:**

Because of the new emissions on trucks, Universal Truck Equipment will not be held responsible for major modifications or relocation of the exhaust. The truck should be ordered to accommodate the equipment you are putting on the truck, Universal Truck Equipment should not be held responsible for major modifications or the relocation of air tanks, battery boxes, exhaust and/or fuel tanks. Each truck mfg./salesman has different ways of setting up patrol trucks, it is important to get things in the right location. Because we are not directly involved in ordering the truck we have no way of knowing what kind of modifications or relocations need to be done, if any (unless we are aware of it before the equipment is bided). Most of the time the trucks can be ordered to eliminate or minimize the modifying or relocating of the standard truck exhaust, battery boxes, air tanks and/or fuel tanks. Universal will work with the truck dealer as far as what would be the best set-up on the truck for the equipment we are mounting. Each truck dealer/manufacture has different options available to them and they don't always have the same options available to them, i.e. muffler type/location, battery box size/location, air tank sizes/locations, fuel tank size/location

Date: June 6, 2013

To: Rob Nelson, DPW, and Chief Kim Hale

From: Shane Schiller

Re: City of Mauston 60 KW generator Model 5F-80-MC/CIED  
Serial #, 0299 Date of Mfg 3-1969

I currently serviced the generator at City Hall and found the listed deficiencies. Checked the engine oil and found it to be overfull before service, and radiator to be low of coolant. Changed engine oil with filters, air cleaner filter added antifreeze to radiator. Found radiator to be cracked on top tank. Resulting in a large leak when ran. The hydraulic rpm control is also erratic resulting in the frequency adjust to not be properly adjusted to maintain 60 hertz.

I checked the unit on 6/4/2013 again and found engine oil to be completely full to top of the fill tube, and radiator to be dry again. This unit is currently dead lined in need of major repairs to the power plant. Repairs needed are to the radiator, Engine possible head gasket, cracked head or block, and to the hydraulic actuated throttle. Unit would need to be removed from the site to be repaired. Estimated cost to repair radiator, engine and rpm control \$7000 to \$10,000.

Shane Schiller

City of Mauston Mechanic

608-847-4070 ext.3 or 608-547-6846

[shanes@mauston.com](mailto:shanes@mauston.com)



**CORPORATION**  
**Water Wells & Pumps**

*r nelson @ mauston.com*

February 11, 2013

MR ROB NELSON  
 MAUSTON PUBLIC UTILITIES  
 1260 NORTH RD  
 MAUSTON WI 53948

Subject: Well Testing and Proposal

Dear Rob:

On January 23, 2013 you and I together ran a performance test and vibration analysis on your three well pumps. Following is a summary of our findings.

	<u>Well 3</u>	<u>Well 4</u>	<u>Well 5</u>
Water Meter	402,086,400	519,273,000	292,069,000
Flow Rate	890 gpm	900 gpm	1060 gpm
Pressure	92 psi	78 psi	60 psi
Pumping Water Level	92'	78'	108'
Volts	490	490	458 <i>&lt; verify</i>
Amps	92.3	87	103
Last Pump Service	1993	03/2004	05/2006

In general, the condition of the well pumps has changed only slightly since the last tests were done. Well pump #5 displays a higher than normal vibration. This unit was balanced previously and you may wish to consider this again. The output from the wells is similar as in the past. We discussed performing oil changes and lubrication on the motors. We will drop off the appropriate oils for you.

We discussed the service intervals since the pumps were last serviced. Generally harder working pumps such as your city's should be serviced every ten years or so. As you can see, well pump 3 was serviced twenty years ago. While the pump performs satisfactorily, we cannot compare its performance with the intended design. The pump is likely a Layne brand, but the model is unknown. Over the past service interval it is likely the efficiencies have declined. The other important aspect of the pump service is that the column and bowl assemblies can be inspected for deficiencies.

A pump service consists of removing the well pump, installing rings and bushings in the bowl assembly, rebuilding the stuffing box, replacing the lineshaft bearings, and installing new airline. Following installation of the serviced equipment the well is disinfected, flushed and sampled. The cost of this basic service is \$9,953. During the removal we will inspect the assembly with you to identify any other deficiencies. We will not proceed with services beyond the above scope without your approval. The price stated above is an estimate based on per diem costs and the information we have available for this installation.

Mr. Rob Nelson  
February 11, 2013  
Page Two

Other services we offer that may be considered are electric motor service, well televising, and well cleaning and treatment. If we feel one of these services would benefit the operation of the well, we will be happy to discuss it further. We hope this information fulfills your request. Should you have any questions or comments, please feel free to contact me.

Sincerely,

CTW CORPORATION

A handwritten signature in brown ink, appearing to read 'TJG', is positioned above the printed name of the sender.

Thomas J. Goethel, P.E.  
TJG/cam



**MUNICIPAL**  
**WELL & PUMP**

May 7, 2013

Mr. Rob Nelson  
City of Mauston  
1260 North Road  
Mauston, WI 53948

**RE: Pull and Inspect Well #3**

Dear Rob,

I appreciate you and Dave taking the time to meet with me recently regarding your upcoming work on Wells #3. As discussed, we are submitting to you for the City's consideration, a proposal for pulling and inspecting the well pump on Wells #3.

Our proposed scope of work is divided into two sections, section I and section II. Section I includes the 'apples to apples' price that you requested which includes the scope as discussed: mobilizing to the site, pulling the existing pumps, inspecting pump equipment, submitting a report with recommendations, as well as rebuilding the stuffing box, replacing wear rings and bushings in the pump, new dual airlines, and disinfecting, flushing and sampling prior to being put back into service. Section II is work that will need to be done, but was not included in the previous scope, including prep of rebuilt pump after any approved replacement or rebuilding, re-mobilizing to the site, and re-install of the pump.

**Proposed scope of work:**

**I. Remove / Inspect / Rebuild Bowls and Stuffing Box**

1. Prep and load equipment for installation;
2. Mobilize to job site;
3. Remove existing pump components from Well #3
4. Inspect existing pump and submit report with recommendations;
5. Replace Wear rings, bushings and install new dual airline. (including materials, @ \$350/ stage, based on information provided)
6. Rebuild stuffing box.
7. Disinfect, flush and sample.

**Section I** .....**Lump Sum: \$ 5240**

**II. Reinstall and Repair**

8. Replacement and rebuilding of pump that may be required not listed above.  
(cost of materials not included)
9. Remobilize to site
10. Install new/ reconditioned pump components into Well #3;
11. Clean-up site and demobilize from job site;

**Section II.** .....**Lump Sum: \$ 2720**

Please review the above proposal. If you have any questions or would like anything further included, please let me know. We appreciate the chance to submit this proposal and would enjoy the opportunity to work with on this project.

MUNICIPAL WELL & PUMP

Patrick Harrington  
Project Manager