
**VILLAGE OF SUGAR GROVE
BOARD REPORT**

TO: VILLAGE PRESIDENT & BOARD OF TRUSTEES
FROM: BRAD MERKEL, DIRECTOR OF PUBLIC WORKS
SUBJECT: APPROVAL: PURCHASE OF SNOW REMOVAL EQUIPMENT FOR THE
TANDEM AXLE PLOW TRUCK
AGENDA: SEPTEMBER 5, 2023, REGULAR BOARD MEETING
DATE: AUGUST 17, 2023

ISSUE

Should the Village Board approve the purchase of snow removal equipment for the tandem axle plow truck.

DISCUSSION

The Fiscal Year Ending 2024 budget includes funds to purchase the replacement Plow Truck for Public Works. Due to the extended delivery times staff ordered the truck chassis after approval at the June 6, 2023 Board meeting in the amount of \$173,688.00. It is now time to order the snow removal equipment to lock in pricing and to guarantee the equipment arrives in time for the chassis.

The snow removal equipment will be purchased through Bonnell Industries Inc, using Sourcewell Contract #062222 joint purchasing program. The cost of the snow removal equipment for the tandem axle plow truck is \$157,035.18. Staff recommends the Village Board waive the competitive bid process and approve the purchase of the snow removal equipment for the tandem axle plow truck from Bonnell Industries Inc using Sourcewell Contract #062222.

COST

The cost of the snow removal equipment for the tandem axle plow truck is \$157,035.18. FYE 2024 budget includes \$224,796 for the replacement tandem axle snowplow truck purchase. The purchase price of the replacement truck chassis, including trade in, of \$35,000.00 and the snow removal equipment of \$157,035.18 bring the total purchase price to \$295,723.18. The overage of \$70,927 will be handled through the 6-month budget update process, as discussed during the June 6th Board meeting. The purchase would be made from the Water Fund, account number 50-71-7006: Automotive Equipment.

RECOMMENDATION

That the Village Board waives the bidding process and approves **Resolution # 20230905PW2** authorizing the purchase of the snow removal equipment for the tandem axle plow truck in the not to exceed amount of \$157,035.18 from the Bonnell Industries Inc.



RESOLUTION NO. 20230905PW2

VILLAGE OF SUGAR GROVE, KANE COUNTY, ILLINOIS

**RESOLUTION AUTHORIZING PURCHASE OF SNOW REMOVAL EQUIPMENT FOR
THE TANDEM AXLE PLOW TRUCK.**

WHEREAS, the Village of Sugar Grove Board of Trustees find that it is in the best interest of the Village to engage the services of Bonnell Industries for the purchase of Snow Removal Equipment for the Tandem Axle Truck and to execute an agreement;

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, as follows:

The President and Clerk are hereby authorized to execute said agreement on behalf of the Village and to take such further actions as are necessary to fulfill the terms of said agreement.

Passed by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, at a regular meeting thereof held on the 5th day of September, 2023.

Jennifer Konen, President of the Board
of Trustees of the Village of Sugar Grove,
Kane County, Illinois

ATTEST:

Alison Murphy, Clerk
Village of Sugar Grove

	Aye	Nay	Absent	Abstain
Trustee Matthew Bonnie	_____	_____	_____	_____
Trustee Sean Herron	_____	_____	_____	_____
Trustee Heidi Lendi	_____	_____	_____	_____
Trustee Sean Micheals	_____	_____	_____	_____
Trustee Michael Schomas	_____	_____	_____	_____
Trustee James F. White	_____	_____	_____	_____
President Jennifer Konen	_____	_____	_____	_____



1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

Quote

Quote Number: 0168094
Quote Date: 8/23/2023

Bill To: 0004507
VILLAGE OF SUGAR GROVE
160 S MUNICIPAL DRIVE
SUITE 110
SUGAR GROVE, IL 60554

Ship To:
VILLAGE OF SUGAR GROVE
160 S MUNICIPAL DRIVE
SUITE 110
SUGAR GROVE, IL 60554

Phone: (630) 391-7230 Fax: (630) 391-7245 pwadmin@sugargroveil.gov

Phone:
Fax:

Confirm To: BRAD MERKEL

Comment:

Customer P.O.	Ship VIA	F.O.B.	Terms	Quote Expiration
			Net 30 Days	9/23/2023

Ordered	Unit	Item Number
---------	------	-------------

1.00	EACH	TRUCK PACKAGE FOR BUDGETARY PURPOSES ADD 15-20% TO FINAL PRICE
------	------	--

CUSTOMER IS RESPONSIBLE FOR TITLE & LICENSE PROCESSING
APPLICATION: ONE NEW MACK GRANITE SBA TANDEM CLASS 8 SNOW AND ICE TRUCK
WITH A 96" CAB TO TRUNNION MEASUREMENT. AUTOMATIC TRANSMISSION WITH LIVE
PTO PROVISIONS, FACTORY SNOW PLOW PREP PACKAGE, FACTORY GROUND SPEED
CONNECTION POINT.
FACTORY FRAME EXTENSIONS ARE REQUIRED.

INCLUDES INSTALLATION OF THE FOLLOWING EQUIPMENT:

- DUMP BODY
- CAB SHIELD INSTALLED ON BODY
- HYDRAULIC SYSTEM
- ELECTRICAL & LIGHTING
- CONSOLE AND CONTROLS
- REAR TOWING HITCH
- PLOW HITCH
- SNOW PLOW
- WING, (FRONT MOUNTED PATROL)
- UNDER TAILGATE SPREADER

THE FOLLOWING ADDITIONAL ITEMS ARE INCLUDED:

- VIBRATOR INSTALLED (NEW VIBRATOR)
- POLY FULL COVER FENDERS MANUFACTURED BY MINIMIZER
- FENDER BRACKET MAT'L: STAINLESS
- RELOCATE BATTERY BOXES
- RELOCATE AIR TANKS
- RELOCATE DEF TANK
- FRAME COATING, (BLACK PPG AMERSHIELD PAINT)
- EXTRA LOAD SUPPORT, FRONT CURB SIDE TIMBREN

1.00	EACH	INSTALLED EQUIPMENT DETAILS ARE LISTED BELOW: DUMP BODY
------	------	---

- DURACCLASS 13'-0" 201-2B STAINLESS DUMP BODY
- CROSSMEMBERLESS
- DOUBLE ACTING INV TRUNNION HEADLIFT HOIST
- FORMED LONGSILLS OF 3/16" 201 STAINLESS STEEL
- 1/4" AR450 ABRASION RESISTANT FLOOR
- 38" 3/16" 201-2B STAINLESS SIDES (ONE HORIZONTAL BRACE)
- 56" 3/16" 201-2B STAINLESS FRONT



1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

Quote

Quote Number: 0168094
Quote Date: 8/23/2023

Bill To: 0004507
VILLAGE OF SUGAR GROVE
160 S MUNICIPAL DRIVE
SUITE 110
SUGAR GROVE, IL 60554

Ship To:
VILLAGE OF SUGAR GROVE
160 S MUNICIPAL DRIVE
SUITE 110
SUGAR GROVE, IL 60554

Phone: (630) 391-7230 Fax: (630) 391-7245 pwadmin@sugargroveil.gov

Phone:
Fax:

Confirm To: BRAD MERKEL

Comment:

Customer P.O.	Ship VIA	F.O.B.	Terms	Quote Expiration
			Net 30 Days	9/23/2023

Ordered	Unit	Item Number
1.00	EACH	<div>- 46" 3/16" 201-2B STAINLESS VERTICAL TAILGATE-(6 PANEL DESIGN)</div> <div>- 201-2B STAINLESS CORNER POST</div> <div>- ELECTRIC OVER AIR T-GATE LATCH</div> <div>- GREASABLE TAILGATE LINKAGE INCLUDING UPPER HINGE</div> <div>- STAINLESS STEEL TAILGATE LATCH LINKAGE</div> <div>- LABOR TO INSTALL CUSTOM CAB SHIELD</div> <div>- 4 RUNG FOLDING LADDER INSTALLED</div> <div>- RIGID REAR RUBBER MUD FLAPS INSTALLED</div> <div>- STAINLESS CHAIN HOOKS ON LOWER CENTER OF T-GATE</div> <div>- (3) 700 SERIES LIGHT BOXES IN EACH CORNER POST</div> <div>- CONDUIT FOR WIRING CAB SHIELD LIGHTS</div> <div>- 1/4X2 FLAT BAR SIDE RAIL INSTALLED</div> <div>- TWO INSIDE BODY STEPS INSTALLED</div> <div>- PREPPED FOR NEW TAILGATE SPREADER</div> <div>- D-RING LIFTING LOOP ON INSIDE OF TAILGATE</div> <div>- VIBRATOR INSTALLED</div> <div>- 2X10 OAK SIDE BOARDS (PAINTED) INSTALLED</div> <div>- CENTER SIDE BOARD SUPPORTS INSTALLED</div> <div>- BODY TOP BE PAINTED SINGLE STAGE ONE COLOR SUGAR GROVE BLUE</div> <div>CAB SHIELD</div>

CONFIGURED AS FOLLOWS:

*MATERIAL IS TO BE 201 STAINLESS STEEL.
*PAN WIDTH- 18".
*WIDTH- DETERMINED.
*HEIGHT TO BE DETERMINED TO BOTTOM OF PAN.
*4 FRONT FACING EVENLY SPACED OBLONG LIGHT HOLES.
*4 REAR FACING OBLONG LIGHT HOLES.
*1 SIDE FACING OBLONG LIGHT HOLE IN EACH SIDE FACING OUT.
*STAINLESS STEEL TO BE ELECTROCHEMICALLY CLEANED AND PASSIVATED.
**LIGHTING CODE: 44112

1.00	EACH	HYDRAULIC SYSTEM
------	------	-------------------------

- PTO: OMFB 278 SERIES
- PUMP: TXV92
- ADD-A-FOLD HYDRAULIC VALVE TO OPERATE:
HOIST, PLOW , WING, AUGER, SPINNER
- "FORCE" ULTRA CONTROL ARM
- "FORCE" 6100 GEN5 SPREADER CONTROLLER
- "FORCE" VT35 STAINLESS STEEL TANK AND LID
- LOW OIL/HIGH TEMP AUTO SHUTDOWN SYSTEM
- EATON HP171 SERIES WITH SENSOR HIGH PRESSURE FILTER
- CLOSED LOOP GRANULAR SENSOR



BONNELL
INDUSTRIES INC
TRUCK & ROAD EQUIPMENT

1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

Quote

Quote Number: 0168094
Quote Date: 8/23/2023

Bill To: 0004507
VILLAGE OF SUGAR GROVE
160 S MUNICIPAL DRIVE
SUITE 110
SUGAR GROVE, IL 60554

Ship To:
VILLAGE OF SUGAR GROVE
160 S MUNICIPAL DRIVE
SUITE 110
SUGAR GROVE, IL 60554

Phone: (630) 391-7230 Fax: (630) 391-7245 pwadmin@sugargroveil.gov

Phone:
Fax:

Confirm To: BRAD MERKEL

Comment:

Customer P.O.	Ship VIA	F.O.B.	Terms	Quote Expiration
			Net 30 Days	9/23/2023

Ordered	Unit	Item Number
---------	------	-------------

1.00	EACH	<p>- BONNELL CONSOLE FOR ULTRA CONTROLLER ARM ELECTRICAL</p> <p>- ALL LED LIGHTING UNLESS OTHERWISE NOTED - BONNELL IGNITION ACTIVATED BATTERY RELAY DISCONNECT SYSTEM - InPOWER STANDARD 8 SWITCH PANEL WITH 4 WARNING LAMPS AND 16 OUTPUTS - DATA SHEET REQUIRED - BODY UP SWITCH WITH INDICATOR LAMP - BONNELL WIRE HARNESSSES</p> <p>PLOW LIGHTING</p> <p>- ABL-3830-0080 LED PLOW LIGHTS ON UNIVERSAL HOOD MOUNTING BRACKETS - FED-MPS620U-WA GRILL MOUNTED FLASHERS</p> <p>BODY LIGHTING</p> <p>- FOUR FRONT FACING OBLONG WHELEN 500 SERIES AMBER FLASHERS ON CABSHIELD, EVENLY SPACED - ONE PAIR REAR FACING 500 SERIES STT ON CABSHIELD - ONE PAIR REAR FACING 500 SERIES AMBER FLASHERS ON CABSHIELD - ONE WHE-5V1A AMBER FLASHER ON EACH END OF CABSHIELD - ONE PAIR WHE-70BTT STT IN REAR POSTS - ONE PAIR WHE-70A02FAR AMBER FLASHERS IN REAR POSTS - ONE PAIR WHE-70C00WCR BACKUP LIGHTS IN REAR POSTS - MARKER LIGHTS PER FMVSS STANDARDS</p> <p>EQUIPMENT WORK LIGHTS AND FLASHERS</p> <p>- RIGID-20111 WORK LIGHT MOUNTED OUTSIDE CORNER POST ON DRIVERS SIDE AIMED AT SPINNER - RIGID-20111 WORK LIGHT MOUNTED OUTSIDE CORNER POST ON CURB SIDE AIMED REARWARD - LIGHTS ON SEPARATE SWITCHES - RIGID-20111 WING WORK LIGHT MOUNTED ON EXHAUST BRKT - RIGID-20111 WING WORK LIGHT MOUNTED ON FRONT POST - TWO WHE-WPLOWZ1A FLASHERS MOUNTED TO WING MOLDBOARD</p>
1.00	EACH	<p>CUSTOMIZATION</p> <p>- RIGID-20111 WORK LIGHT MOUNTED OUTSIDE CORNER POST ON DRIVERS SIDE AIMED AT SPINNER - RIGID-20111 WORK LIGHT MOUNTED OUTSIDE CORNER POST ON CURB SIDE AIMED REARWARD</p>



1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

Quote

Quote Number: 0168094
Quote Date: 8/23/2023

Bill To: 0004507
VILLAGE OF SUGAR GROVE
160 S MUNICIPAL DRIVE
SUITE 110
SUGAR GROVE, IL 60554

Ship To:
VILLAGE OF SUGAR GROVE
160 S MUNICIPAL DRIVE
SUITE 110
SUGAR GROVE, IL 60554

Phone: (630) 391-7230 Fax: (630) 391-7245 pwadmin@sugargroveil.gov

Phone:
Fax:

Confirm To: BRAD MERKEL

Comment:

Customer P.O.	Ship VIA	F.O.B.	Terms	Quote Expiration
			Net 30 Days	9/23/2023

Ordered	Unit	Item Number
4.00	EACH	- RIGID-20111 WING WORK LIGHT MOUNTED ON EXHAUST BRKT - RIGID-20111 WING WORK LIGHT MOUNTED ON FRONT POST RIGID-20111 RIGID INDUSTRIES DUALY WORK LIGHT FLOOD LAMP 4 DIODES 1500 LUMEN
1.00	EACH	REAR HITCH CONFIGURED AS FOLLOWS: YES - REAR HITCH TYPE: CUSTOM REAR HITCH PER BELOW - 1" CARBON STEEL PLATE - STD PINTLE MTG HEIGHT - 2.5" RECEIVER TUBE WITH NO INSERT - TRAILER PLUG: 7 FLAT PIN RV STYLE - 5/8" CARBON STEEL D-RINGS
1.00	EACH	PLOW HITCH PLOW HITCH FOR A MACK GRANITE SBA 2008 & UP INSTALLED ON NEW TRUCK PACKAGE
1.00	EACH	HFF-QX Heavy Front Frame Side Plate Hitch with QX Front Frame and Offset Lift Arm. (QAC Drop Pin Receiver with built in Two Pin Hookup.)
1.00	EACH	H10170 4in X 10in Double Acting Cylinder W/Nitrided Rod
1.00	EACH	H10310 Stainless Hood Mounted Light Brackets. (Side of Hood)
1.00	EACH	H10401 5/8in Side Plates in Lieu of 1/2in (Not available on Utility)
1.00	EACH	H10421 Cross Over Relief Valve Kit with Pressure Release feature. (Installed or uninstalled)
1.00	EACH	PLOW CONFIGURED AS FOLLOWS: YES PAINTED: ORANGE POLYURETHANE ENAMEL NO EXTRA RIBS EXTRA RIBS
1.00	EACH	12ST42MX1 Base Model 12ST42MX1 Straight Steel Snow Plow



1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

Quote

Quote Number: 0168094
Quote Date: 8/23/2023

Bill To: 0004507
VILLAGE OF SUGAR GROVE
160 S MUNICIPAL DRIVE
SUITE 110
SUGAR GROVE, IL 60554

Ship To:
VILLAGE OF SUGAR GROVE
160 S MUNICIPAL DRIVE
SUITE 110
SUGAR GROVE, IL 60554

Phone: (630) 391-7230 Fax: (630) 391-7245 pwadmin@sugargroveil.gov

Phone:
Fax:

Confirm To: BRAD MERKEL

Comment:

Customer P.O.	Ship VIA	F.O.B.	Terms	Quote Expiration
			Net 30 Days	9/23/2023

Ordered	Unit	Item Number
		12'-0" Cutting Edge X 42" Straight Height Moldboard Trip (2) Heavy Duty Extension Spring Assemblies With 6 Springs Total Heavy Duty Tubular Table/A-Frame Assembly (2) 4X12 Reversing Cylinders (5) Table To Moldboard Hookup Points P10130 Level Raise Lift System with Lift Chains for High Country Plows (MX1 & MC1)
1.00	EACH	
		P10210 Quick attach loop (plow section installed)
1.00	EACH	
		P10425 3/8" x 12" Rubber flap kit installed
1.00	EACH	
		P10465 Plow stand - installed (to hold hook up point @ desired height when detached)
1.00	EACH	
		P10470 36" Blaze orange markers
1.00	EACH	
		P10510 3/4" x 8" C1084 Steel cutting edge in lieu of standard 5/8" x 6
1.00	EACH	
		P10536 3/4" x 8" Universal curb shoe (Installed on right end of plow)
1.00	EACH	
		P10537 3/4" x 8" Universal curb shoe (Installed on left end of plow)
1.00	EACH	
		P10555 1/2" Quick Couplers installed (one set/per plow) pioneer PHD-4000-4
1.00	EACH	
		WING - WING PLOW PAINTED ORANGE, CONFIGURED AS FOLLOWS: 9TEWFMP Front Mounted Patrol Wing 9'-0" Long At The Cutting Edge Torsion Trip Cutting Edge Utilizing Four 7/8" Diameter Round Wire Torsion Trip Springs
1.00	EACH	



1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

Quote

Quote Number: 0168094
Quote Date: 8/23/2023

Bill To: 0004507
VILLAGE OF SUGAR GROVE
160 S MUNICIPAL DRIVE
SUITE 110
SUGAR GROVE, IL 60554

Ship To:
VILLAGE OF SUGAR GROVE
160 S MUNICIPAL DRIVE
SUITE 110
SUGAR GROVE, IL 60554

Phone: (630) 391-7230 Fax: (630) 391-7245 pwadmin@sugargroveil.gov

Phone:
Fax:

Confirm To: BRAD MERKEL

Comment:

Customer P.O.	Ship VIA	F.O.B.	Terms	Quote Expiration
			Net 30 Days	9/23/2023
Ordered	Unit	Item Number		
1.00	EACH	Leading Edge Height 28" Discharge End Height 34" Painted as Specified W10100 24in Hydraulic telescoping push bar/buffer (ILO Manual buffer)		
1.00	EACH	W10117 24in Stroke on Front post cylinder (Toe) (20in benching height) (Patrol wing only)		
1.00	EACH	W10160 Wing lock valve - installed to cylinder		
1.00	EACH	W10190 24in Jumbo blade guide on discharge end with bolt on bracket		
1.00	EACH	W10210 Piping (conduit) for wing light wiring		
9.00	EACH	W10500 Standard 3/4in x 6in C1084 Steel Cutting Edge		
1.00	EACH	W10532 3/4" x 6" Tapered Wing curb shoe (Installed on Leading end of Plow) (Standard on all wings)		
1.00	EACH	UT SPREADER CONFIGURED AS FOLLOWS: YES - UNDER TAILGATE SPREADER CONFIGURED AS FOLLOWS: U996-GB-S2 Under Tailgate Spreader 9" Auger X 6" Pitch X 96" Overall length Gear Box Drive with 5:1 Ratio and 9.8 CI Drive Motor 201 Stainless Steel Includes Mounting Kit and Tailgate Shields Unpainted unless Otherwise Specified		
1.00	EACH	U10160 Single Drop Port 24in From Left End Of A 9in Spreader. Reverse Flighted Auger		
1.00	EACH	U10200 Single Spinner Assembly Mounted At Standard Drop Port. (Standard On All Spreaders).		



1385 Franklin Grove Rd
Dixon, IL 61021
815-284-3819 * 815-284-8815 Fax
800-851-9664
www.bonnell.com * info@bonnell.com

Quote

Quote Number: 0168094
Quote Date: 8/23/2023

Bill To: 0004507
VILLAGE OF SUGAR GROVE
160 S MUNICIPAL DRIVE
SUITE 110
SUGAR GROVE, IL 60554

Ship To:
VILLAGE OF SUGAR GROVE
160 S MUNICIPAL DRIVE
SUITE 110
SUGAR GROVE, IL 60554

Phone: (630) 391-7230 Fax: (630) 391-7245 pwadmin@sugargroveil.gov

Phone:
Fax:

Confirm To: BRAD MERKEL

Comment:

Customer P.O.	Ship VIA	F.O.B.	Terms	Quote Expiration
			Net 30 Days	9/23/2023

Ordered	Unit	Item Number
1.00	EACH	18" Poly Spinner with 2.8 Cubic Inch Spinner Motor U10311 Short Hose Kit for Bonnell Installations. Comes With Two Spinner Hoses, Two Drive Hoses, And Quick Disconnects.
1.00	EACH	U10320 Deduct Berm Chute Kit From A 9" Spreader.
1.00	EACH	U10355 Long Tailgate Shields To Fit Radius And Mitered Bodies, Stainless Steel.

SIGNING THIS QUOTE CONSTITUTES YOUR ACCEPTANCE AND AGREEMENT TO THE FOLLOWING:

- o DUE TO THE CLIMATE OF CURRENT MARKET CONDITIONS FINAL INVOICE PRICE MAY VARY FROM ORIGINAL QUOTE PRICE.
- o NO PRODUCT/SPEC. CHANGES MAY BE MADE AFTER THE DATE OF SIGNATURE. ANY CHANGES REQUESTED AFTER THE DATE OF SIGNATURE WILL BE QUOTED SEPARATELY AND, IF APPLICABLE, WILL BE COMPLETED ON A SEPARATELY SCHEDULED TIME FRAME.
- o 15% RESTOCKING FEE ON RETURNED ITEMS. NO RETURNS ON ELECTRICAL ITEMS
- o THIS QUOTE IS VALID FOR 30 DAYS. ALL QUOTES OVER 30 DAYS OLD ARE SUBJECT TO CHANGE AND REQUIRE A REQUOTE PRIOR TO ACCEPTANCE OF A PURCHASE ORDER.

Net Order:	156,480.43
Less Discount:	0.00
Freight:	0.00
Sales Tax:	0.00
Quote Total:	156,480.43

AUTHORIZED APPROVAL CONTACT NAME (PRINTED): _____

AUTHORIZED APPROVAL CONTACT (SIGNATURE): _____

APPROVAL DATE: _____

0009 Joey Bonnell

CUSTOMER PO NUMBER: _____

KJH