

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda
Bids and Proposals

TO : President and Village Board of Trustees

FROM : David A. Hulseberg, Village Manager

DATE : August 21, 2013 Agenda Date: September 5, 2013

TITLE : Snow Removal Equipment Purchase

SUBMITTED BY: Tom Ellis, Operations Superintendent, Public Works

RESULTS:Date Bids Were Published N/A Bidding Closed N/ATotal Number of Bids Received N/A

Total Number of Bidders Meeting Specifications _____

Bid Security Required _____ Yes _____ No

Performance Bond Required _____ Yes _____ No

Were Any Bids Withdrawn _____ Yes _____ No

Explanation:

Waiver of Bids Requested? _____ X _____ Yes _____ No

If yes, explain:

See attached memo.

Award Recommended to Lowest _____ Yes _____ No

Responsible Bidder?

If no, explain:

See attached memo.

FISCAL IMPACT:Amount of Award \$24,552.00 acct. 420.730.730.73310-MFT**BACKGROUND/RECOMMENDATION:**

See attached memo.

Has Recommended Bidder Worked for Village Previously X Yes _____ NoIf yes, was quality of work acceptable X Yes _____ NoWas item bid in accordance with Public Act 85-1295? _____ Yes X NoWaiver of bids - Public Act 85-1295 does not apply X Yes**REVIEW** (as needed):

Village Attorney XX _____ Date _____

Finance Director XX _____ Date _____

Village Manager XX _____ Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Board Agenda distribution.



August 19, 2013

TO: Village President and Board of Trustees

THROUGH: Carl S. Goldsmith, Director of Public Works *CS*

FROM: Tom Ellis, Operations Superintendent

SUBJECT: Snow removal Equipment Purchase

The Village of Lombard conducts snow removal operations by dividing the Village into nine separate snow removal zones. Each of the nine zones has its own challenges based on the added turn lanes, width of roadway surfaces, medians and increased volume of vehicle traffic in commercial corridors. Roosevelt Road is the dividing line between the seven northern routes and the two southern routes. All of the zones are relatively equal in center lane miles with an average of 10 lane miles per zone. However the two southern routes are comprised of mostly commercial routes and the Yorktown Shopping area. In these commercial and industrial areas the center lane mileage calculations can be quadrupled due to multiple lanes, turning bays and large truck routes. The average plow lane miles in the two southern routes are 40 miles each. During a snow event lasting 4-6 hours, a driver would have to cover the entire route 2 to 3 times equaling 120 to 160 miles traveled while clearing the roads. In each of the nine snow removal zones, one large snow removal vehicle is assigned to each route and is supplemented by pickup trucks. At times of heavy snow fall, trucks from the northern zones are relocated to the two southern routes to assist in the snow removal. The assistance from the northern routes leaves a service void until those trucks are able to return to their respective zones.

The Public Works Staff has reviewed the annual Snow Plan to ensure the highest level of service. As such, Staff is requesting the Village purchase and up-fitting two existing snow removal vehicles with mid-mount wing plows. The two wing plows would free two of the four northern trucks from assisting in the commercial areas. The two southern zones have extra wide right-of-ways that are conducive with wing plows. An added benefit of a truck mounted with a wing plow, would be a reduction in fuel consumption as one snow removal vehicle can clear the equivalent of two normal size vehicles and a fifty percent reduction in miles traveled by each truck. The service for the northern areas should improve with two of the regularly schedule trucks staying in their zones and not having to assist in the southern zones.

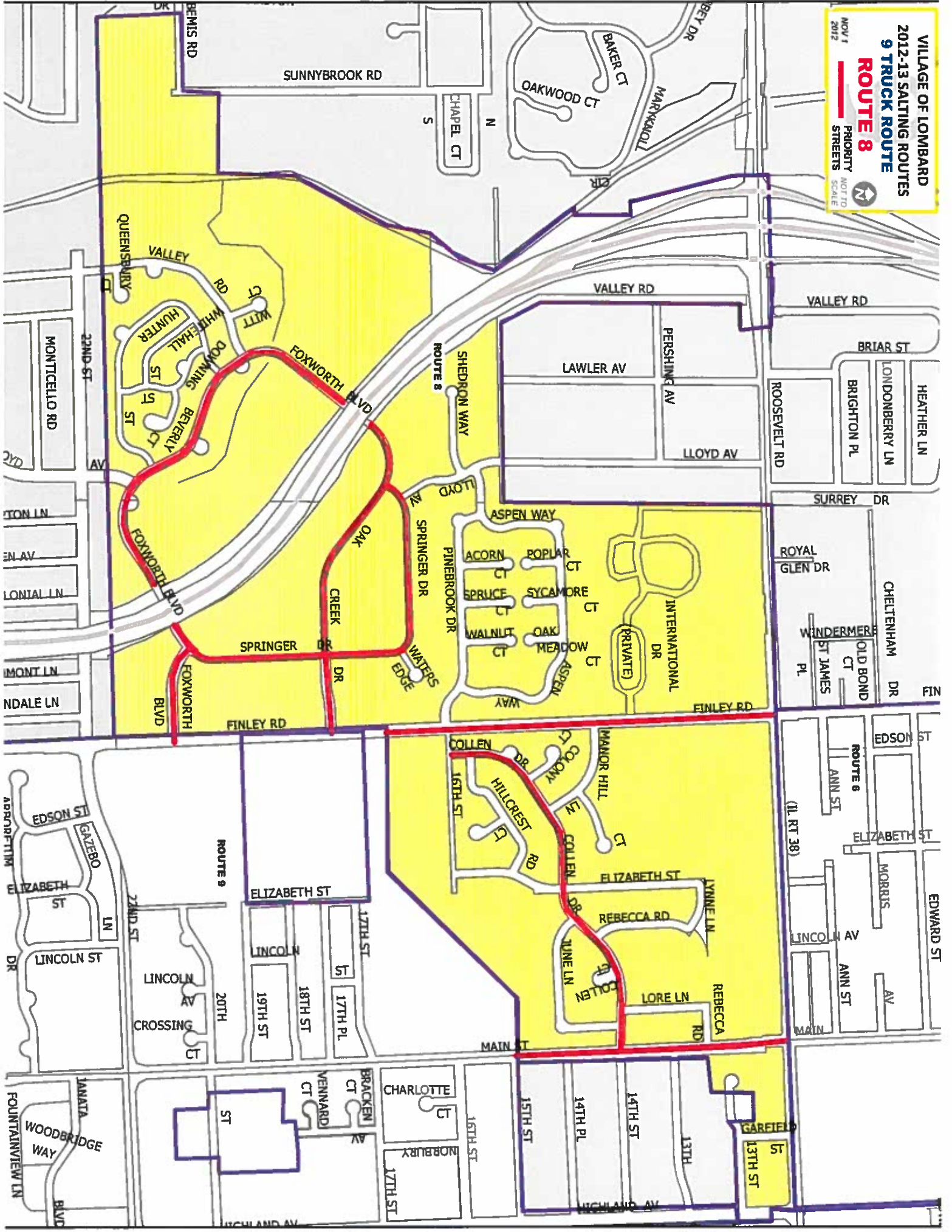
Two 8 foot wing plows are included on State Bid T6860 at a cost of \$11,736.00 per plow. The State Bid cost reflects the labor for installation on a new vehicle when adjustments can be made without additional costs. The cost provided by Monroe Truck Equipment for \$12,276.00 includes the necessary modification to the Village's existing truck. Monroe Truck Equipment has submitted a quote for the installation of two wings for \$24,552.00. The wing plow purchase is an eligible expense for using Motor Fuel Tax funds. The Village currently has MFT funds to support this purchase in FY13.

Zone map 8 and Zone map 9 are attached to show areas in red that could benefit from the use of a truck with a wing plow.

Staff recommends the purchase and installation of two wing plows from Monroe Truck Equipment for two Village owned snow removal vehicles.

Encl: Zone 8 plow map
Zone 9 plow map
Equipment quote
State Bid Contract T6860

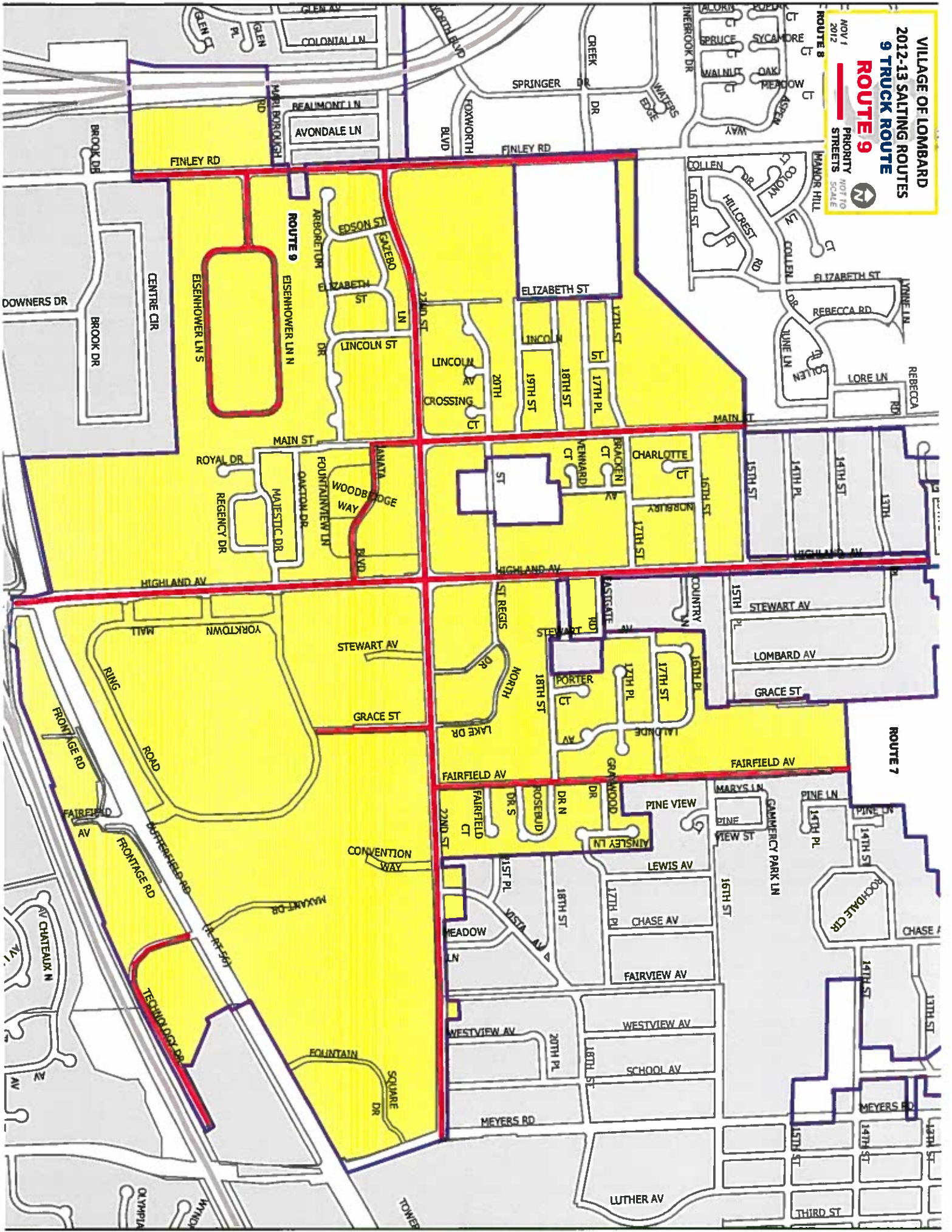
VILLAGE OF LOMBARD
 2012-13 SALTING ROUTES
 9 TRUCK ROUTES
ROUTE 8
 PRIORITY NOT TO SCALE
 NOV 1 2012



VILLAGE OF LOMBARD
2012-13 SALTING ROUTES
9 TRUCK ROUTE

NOV 1
2012
PRIORITY
STREETS
SCALE

ROUTE 9



MONROE TRUCK EQUIPMENT-JOLIET
812 DRAPER AVENUE
JOLIET IL 60432
815-727-3134 FAX 815-727-5429

CUSTOMER : 188100
Ship to: LOMBARD, VILLAGE OF
255 E. WILSON AVENUE
ROB
LOMBARD IL 60148

QUOTE # 70969
DATE: 08/ 1/13
CUST PO #
TERMS: NET 30
SALES REP: 303
QUOTED BY: RICK MICH

MODEL AND DESCRIPTION

- 8' MONROE MJW MID-MOUNT JUNIOR WING
- PARA GLIDE WING POST
- 10 GAUGE MOLDBOARD - 27" INTAKE AND 28" DISCHARGE
- DOUBLE ACTING HEEL CYLINDER
- CROSS TUBE ASSEMBLY WITH MOUNTING PLATES
- REAR CROSS TUBE
- MOUNTING HARDWARE
- MOLDBOARD POWDER COATED ORANGE
- HARDWARE POWDER COATED BLACK
- MOVE BATTERY BOX; NO CABLE MOD (TO CLEAR EQUIPMENT ON TRUCK)
- REMOVE AND REINSTALL RESEVOIR
- 2 HYD LOCK VALVES FOR PARAGLIDE
- RELOCATE FENDER BRACE
- 4 BANK MANIFOLD PLATE FOR WING; INCLUDES COUPLERS
- HYDRAULIC HOSES & FITTINGS; MID MOUNT WING
- REMOVE VALVE ENCLOSURE , REMOVE VALVE AND ADD SECTIONS
- PROVIDE NEW VALVE ENCLOURE AND DUAL AXIS LEVER W/ CABLES
- PICK UP AND DELIVERY
- WING LIGHT
- WING STROBE
- WING MARKER

TOTAL QUOTE -----	12,276.00
TOTAL 2 UNITS -----	24,552.00

Submitted By: RICK MICHALOWSKI _____ for MONROE TRUCK EQUIPMENT



Contract Number
4016932

Master Contract



Close

Identification

Date Published: 05/16/2013

Contract Number: 4016932
Contract Title: PSD VEHICLE, DUMP TRUCKS

Category: Equipment

T-Number: T6860
T-Number Title: VEHICLES, TRUCKS, MEDIUM DUTY

Start Date: 05/16/2011
Expiration Date: 05/15/2014
Fiscal Year: 11

Joint Purchasing Indicator: Yes

Green Contract: No

Small Business Set-Aside: No

Does this contract include a BEP Requirement: No

Agency

**Agency designation restricts who can purchase from this contract. R0 indicates purchasing is open statewide.

Agency: SWC - Statewide Contract
Master Agency: R0
Master Sub-Agency:

Comments/Overview

Attachments

Attachments Require Adobe® Acrobat® Reader to View.

[Contract File Attachment for: 4016932](#)

CONTRACT ITEMS/SERVICES
BY LINE ITEM

T NUMBER: T6860
PAGE NO.: 00014

LINE#	DESCRIPTION/MFGR/BRAND	QUANTITY FROM/TO	UNIT	DISCOUNT	UNIT PRICE
00027	CONTINUED..... ADJUSTABLE OPENING CONTROL FOR SINGLE AXLE DUMP TRUCK. VENDOR: PRAIRIE INTRNTNL TRUCKS INC : DBA PRAIRIE/ARCHWAY INTL CONTRACT NO: 4016932				
00028	COMMODITY CODE: 5012-055-2020 OPTION, DIAGNOSTIC TOOL, A COMPLETE DIAGNOSTIC TOOL WITH CONNECTIVITY AND ALL LATEST CURRENT SOFTWARE IN ORDER TO DIAGNOSE, TEST, TROUBLESHOOT, ADJUST, AND REPAIR THE ELECTRONIC COMPONENTS ON-BOARD THE VEHICLE FOR TANDEM AXLE DUMP TRUCK. VENDOR: PRAIRIE INTRNTNL TRUCKS INC : DBA PRAIRIE/ARCHWAY INTL CONTRACT NO: 4016932 BRAND: NAVISTAR DIAGNOSTIC	1.000	EACH	N/A	\$ 1,850.00000
00029	COMMODITY CODE: 5012-055-2005 OPTION, WINGPLOW, MID-MOUNT, TRUCK MOUNTED, FOR TANDEM AXLE DUMP TRUCK. SHALL BE IN ACCORDANCE WITH ILLINOIS DEPARTMENT OF TRANSPORTATION SPECIFICATION 254-60-01, DATED SEPTEMBER 2010. VENDOR: PRAIRIE INTRNTNL TRUCKS INC : DBA PRAIRIE/ARCHWAY INTL CONTRACT NO: 4016932 BRAND: MCNROE MODEL: MPJW-7	1.000	EACH	N/A	\$ 7,479.00000
00030	COMMODITY CODE: 5012-055-2021 OPTION, WINGPLOW, HEAVY-DUTY, TRUCK MOUNTED, FOR TANDEM AXLE DUMP TRUCK. SHALL BE IN ACCORDANCE WITH ILLINOIS DEPARTMENT OF TRANSPORTATION SPECIFICATION 254-60-02, DATED SEPTEMBER 2010. WARRANTY: 12 MO VENDOR: PRAIRIE INTRNTNL TRUCKS INC : DBA PRAIRIE/ARCHWAY INTL CONTRACT NO: 4016932 BRAND: MONROE MODEL: HDBW-9	1.000	EACH	N/A	\$ 11,736.00000
00031	COMMODITY CODE: 5012-055-2006 OPTION, 10' HEAVY-DUTY UNDERBODY SCRAPER FOR TANDEM AXLE DUMP TRUCK SHALL BE IN ACCORDANCE WITH ILLINOIS DEPARTMENT OF TRANSPORTATION SPECIFICATION 255-60-01, DATED SEPTEMBER 2010. VENDOR: PRAIRIE INTRNTNL TRUCKS INC : DBA PRAIRIE/ARCHWAY INTL CONTRACT NO: 4016932 BRAND: MONROE MODEL: MS4410-PR	1.000	EACH	N/A	\$ 8,725.00000
00032	COMMODITY CODE: 5012-055-2001 OPTION, HYDRAULIC PRESSURE SENSOR TO MONITOR HYDRAULIC PRESSURE TO THE UNDER BODY SCRAPER AND IS THE FEEDBACK TO THE OPERATOR FOR CONTROL OF THE HYDRAULIC	1.000	EACH	N/A	\$ 1,190.00000