

**WOODBURY COUNTY BOARD OF SUPERVISORS AGENDA ITEM(S) RE**

#10h

Date: June 12, 2015

Weekly Agenda Date: June 23, 2015

DEPARTMENT HEAD / CITIZEN: Mark J. Nahra P.E. Secondary Roads Dept Head

SUBJECT: **Consideration of award of quotations for power broom for county truck**

**ACTION REQUIRED:**

Approve Ordinance

Approve Resolution

Approve Motion

Give Direction

Other: Informational

Attachments

**Consideration X**

**WORDING FOR AGENDA ITEM:** Consideration of award of a quotations from Steffen Equipment for a hydraulic front mounted plow for the secondary road department.

**EXECUTIVE SUMMARY:** The county road department has budgeted for new equipment in its FY 2016 budget. One item on the road department new equipment list for this year is for a truck mounted hydraulic broom for cleaning roads and intersections. The county has a small, 6' wide skid steer mounted broom, but this is a slow moving piece of equipment and in high traffic areas is not large enough to clear a road in a single pass. The broom will be used in areas like Port Neal Road at the 225<sup>th</sup> Street intersection and near Floyd River materials where material is regularly drug onto the road, creating a safety hazard for traffic.

**BACKGROUND:** The county engineer obtained a quotation from Steffen Equipment for a power broom that will function with the hydraulic controls in county single axle trucks. Steffen Equipment has provided a responsive quotation.

**FINANCIAL IMPACT:** This project is funded through the county secondary road fund and is part of the new equipment budget line item.

**RECOMMENDATION:** Recommend acceptance of the quote from Steffen Equipment for a new hydraulic power boom.

**ACTION REQUIRED:** Motion to accept and award the quote from Steffen Equipment for a new power broom.



623 W. Seventh Street 51103

Telephone (712) 279-8080

Nationwide (800) 831-0946

FAX Number (712) 279-8070

6-4-2015

FAX COVER SHEET

TO: Mark Nakra

COMPANY: Woodbury County Engineer

FAX #: 712-873-3235

FROM: Dave Kovalna

FOLLOWING THIS COVER SHEET ARE 2 PAGES.

IF THERE ARE ANY PROBLEMS WITH THE TRANSMISSION, PLEASE  
CALL (800) 831-0946.

THANK YOU.

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Woodbury Co. Engin.



623 W. Seventh Street 51103

Telephone (712) 279-8080  
June 4, 2015

Nationwide (800) 831-0946

FAX Number (712) 279-8070

Woodbury County Engineer  
750 E Frontage Road  
Merville IA 51039

Dear Mark Nahra,

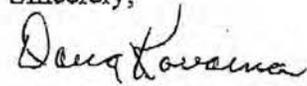
Steffen proposes to supply to you the equipment you requested as follows:

1 - M-B Company, hydraulically driven rotary angle broom, model TKH-TR, 32" brush diameter with angle change 30° left or right, plus storage stands. Using existing hydraulics on truck plus additional hoses, fittings and quick couplers to operate dual Eaton hydraulic motors. Heavy duty 16" caster wheels, poly/wire brush and brush hood, 16 gauge steel with formed edge fold and 12 gauge steel end plates, hood covers 145° of brush. Mounted to snow plow two pin hitch and painted MB yellow. Availability will be around 6-7 weeks.

**Total            \$16,605.00**

Thank you for your inquiry. If you have any questions, please feel free to give me a call.

Sincerely,

  
Doug Kovarna

DK/au8468

Quote valid for 30 days



# TKH-TR

A Hydraulic Broom for Trucks



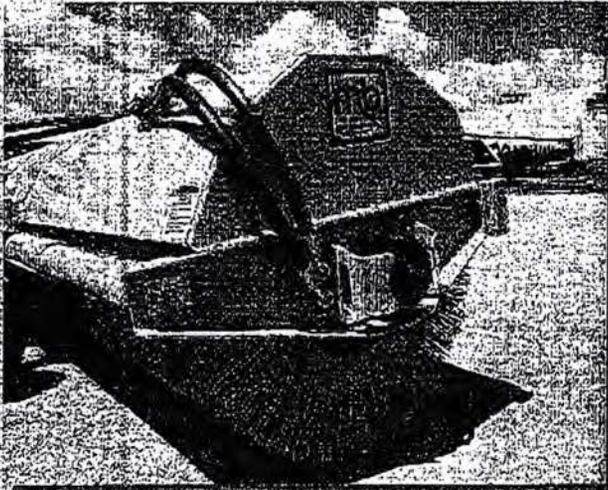
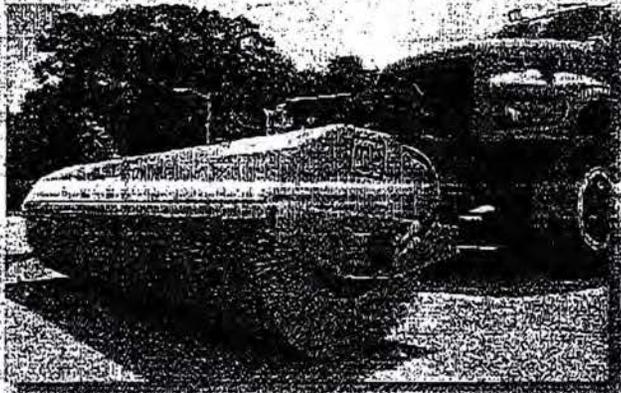
M-B Companies, Inc

www.m-bco.com

Phone: 800-558-5800

Fax: 920-896-1085

Snow \* Dirt \* Debris \*



## Available Options

- Dirt Deflector
- Electric/Hydraulic Swing
- Independent Hydraulic System (Tractors only)
- Dual Low Flow Drive Motors
- Sprinkler Systems
- Front Spray Bar Only
- Oil Cooler

## Specifications

### General

Hydraulically driven rotary angle broom  
Available in 7' (84"), 8' (96"), 9' (108"), 10' (120"), 11' (132") and 12' (144") widths  
Hydraulic swing capable of 30° left or right of center  
Broom speed up to 250 RPM, dependent on prime mover  
Storage stands for simple mounting, dismounting, and storage  
Brush head is lifted by means of the prime mover  
Hoses provided from hydraulic drive motors to bulkhead or valve on broom  
Customer must supply hoses from bulkhead or valve to prime mover  
Sight Indicators

### Brush

32" O.D. x 10" I.D. wafer style brush  
2" spacers manufactured from 20-gauge mild steel strap  
Brush core can be installed with either end to the left or right with no effect on sweeping performance  
Brush and core assembly can be removed from frame without disconnecting hoses from drive motor(s)  
Quick change brush core

### Brush Frame

3/4" O.D. round tubular cross member  
Two brush arms formed from 1/2" steel plate  
Rectangular front support bar for additional frame strength  
Adjustable link to compensate brush pattern from wear

### Brush Hood

Manufactured from 16-gauge steel with formed edge fold for additional strength  
12-gauge steel end plates  
Hood covers 145° of brush  
Pre-drilled holes for easy installation of front deflector

### Brush Drive

Standard with dual low-speed, high-torque, 16 c.i.d. hydraulic motors  
Motors are coupled directly to the brush core by means of a 5.5/16" poly hexagonal hub  
Motors are recessed into brush frame to protect from collision

### Castors

Two 16 1/2" x 8" 8-Ply LR-D casters mounted behind the brush frame  
350° of maneuverability  
Sealed and greaseable 2" I.D. caster stem

### Finish

Steel surfaces undergo a phosphatizing acid bath to clean and etch the surfaces to provide a superior coating adhesion  
One coat of epoxy primer and one coat of polyurethane topcoat  
Painted M-B yellow

www.m-bco.com



1.800.558.5800

Note: Additional fees may apply (freight, export fees, dealer-installed hoses, valves and couplers, installation and service fees)

Equipment and products shown in this literature are for demonstration purposes only. Actual products offered for sale may vary in use, design, requirements and safety features.

M-B Companies reserves the right to improve our products and make revisions to the specifications and standards for equipment without notice and without incurring obligations.

M-B is a registered trademark of M-B Companies, Inc.

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