



December 14, 2021

Keystone Waters  
c/o Laura Jester  
Bassett Creek Watershed Management Commission  
16145 Hillcrest Lane  
Eden Prairie, MN 55346

SUBJECT: High Efficiency / Regenerative Air Street Sweeper

Dear Ms. Jester,

Enclosed/attached you will find the first annual report and payment documentation totaling \$296,665.00 to date for the purchase of a new Tymco 500x Street Sweeper. Per the "Cooperative Agreement for Cost Share Purchase of High Efficiency Street Sweeper ML-23" between the City of Plymouth and the Bassett Creek Watershed Management Commission, the City is requesting reimbursement of \$75,000.00 for this purchase.

The City is grateful for the partnership with the Bassett Creek Watershed Management Commission on water quality improvements and protections.

Sincerely,

A handwritten signature in blue ink that reads 'Ben Scharenbroich'.

Ben Scharenbroich  
Water Resources Supervisor

enc



# CITY OF PLYMOUTH

## RESOLUTION No. 2020-070

### RESOLUTION APPROVING THE PURCHASE OF A NEW TYMCO 500X STREET SWEEPER

WHEREAS, the 2020-2029 Capital Improvement Program (CIP) and Water Resources budget includes the purchase of one new street sweeper; and

WHEREAS, the City of Plymouth may make purchases off the State of Minnesota contracts; and

WHEREAS, Environmental Equipment and Services, Inc. has a contract with the State of Minnesota for a sweeper that meets the City's specifications, contract #153285.

NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE CITY COUNCIL OF THE CITY OF PLYMOUTH, MINNESOTA that:

1. The purchase of a new Tymco 500X Street Sweeper for \$296,665.00 from Environmental Equipment and Services, Inc. is approved.
2. Funding from the sweeper shall come from the Water Resources Fund.

APPROVED by the City Council on this 18th day of February, 2020.



City of  
**Plymouth**

3400 Plymouth Blvd.  
Plymouth, MN 55447  
Phone: (763) 509-5000

**Purchase Order**  
No. 2020-00000804

DATE 02/28/2020

PURCHASE ORDER NUMBER MUST APPEAR ON ALL  
CORRESPONDENCE

Vendor

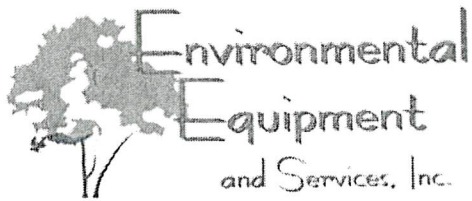
Environmental Equipment & Services Inc  
27365 Zachary Ave  
Elko New Market, MN 55020

VENDOR NO. 7189

QUANTITY	UNIT	DESCRIPTION	UNIT COST	TOTAL COST
1.0000	Total	New Tymco 500X Street Sweeper - CIP#: WR200007 510-70-751-75100-8100.500 - Capital Outlay (> 5K) Machinery & Equipment 296,665.00	296,665.0000	\$296,665.00
SUBTOTAL				\$296,665.00
SALES TAX				\$0.00
TOTAL DUE				\$296,665.00

Ship To  
City of Plymouth  
Water Resources Division  
3400 Plymouth Blvd.  
Plymouth, MN 55447

Bill To  
City of Plymouth  
Water Resources Division  
3400 Plymouth Blvd.  
Plymouth, MN 55447



27365 Zachary Avenue • Elko, MN 55020

Toll Free 1-877-461-3650 • Office 952-461-3650 • Fax 952-461-3689

February 7, 2020

Torrey Keith, Street Supervisor  
City of Plymouth  
14900 23<sup>rd</sup> Avenue North  
Plymouth, Minnesota 55447

Dear Torrey,

Thank you for the opportunity to quote a new Tymco 500X mounted on an International chassis.  
The Minnesota State contract number is S-843(5), #153285.

Base Price	\$275,650.00
Air Horn	\$350.00
Electric, Heated West Coast Mirrors	Standard
12" Parabolic Mirrors	Standard
2 Cameras, Color Monitor	\$2,450.00
Cloth High Back Air Ride Seats	Standard
AM/FM/Aux Input	Standard
Abrasion Protection Package	Standard
Auto Sweep Interrupt (ASI)	\$1,950.00
Auxiliary Hydraulic System	\$1,700.00
Gutter Broom Tilt Adjuster (Left & Right)	\$2,800.00
Reverse Pick-Up Head System	\$650.00
Hydraulic Curtain Lifter System	\$1,400.00
Hopper Vibrator – Electric	Standard
Air Dryer Brakes	Standard
LED Light Bar	\$1,450.00
Arrow Board – LED	\$1,450.00
Hopper Deluge System	\$1,450.00
High Output Water System	\$865.00
Broom Assist Pickup Head (BAH)	\$4,500.00
Base Price Includes Factory Training for 4 People in Waco, TX	Standard

Price: \$296,665.00

The City of Plymouth is responsible for 6.5% MN motor vehicle sales tax, titling, & registration fees + \$20 Vehicle Excise Tax for Hennepin County.

Thank you for your interest.

Sincerely,

Alan D. Walford  
Vice President

**STREET SWEEPER : 4-WHEEL SWEEPER UNITS**  
**BASE UNIT REQUIREMENTS**  
**SPECIFICATION NO. 3.1**  
**EVENT NO. 8956**

Vendor Name:	<b>Environmental Equipment &amp; Services, Inc.</b>
Contact Person:	<b>Alan Walford</b>
Street Address:	<b>27365 Zachary Avenue</b>
PO Box:	
City, State, Zip	<b>Elko, MN 55020</b>
Phone #:	<b>952-461-3650</b>
Toll Free #:	<b>877-461-3650</b>
Fax #:	<b>952-461-3689</b>
Email Address:	<a href="mailto:email@environmentalequipment.com">email@environmentalequipment.com</a>
Website:	<a href="http://www.environmentalequipment.com">www.environmentalequipment.com</a>

Version of Excel used: Excel 2013

**3.1 4-WHEEL STREET SWEEPER**

Manufacturer	TYMCO, Inc.
Make / Model	500X on International 4300 or Freightliner M2 Chassis
Type of Dump	Side High Dump
Height of Dump	Variable 2-11'
Type of Hopper	Stainless Steel
Size of Hopper	5.7 Volume Metric
Drive Engine HP	215 HP
Drive Engine Type	Cummings ISB
<b>Engine:</b> Tier 4 compliant? Yes or No	Yes
Auxiliary Engine Type	John Deere
Auxiliary Engine HP	115 HP
Turning Radius	23'
Fuel Tank Capacity (in gallons)	50 gallons
Frame, Chassis	32,000 GVW
Transmission Type	Allison 2500 Five Speed w/Trans. Cooler
Rear Axle Rating	21,000 lbs. Two Speed
Rear Suspension Rating	23,000 lbs. Air Ride
Front Axle Rating	12,000 lbs.
Front Suspension Rating	10,000 lbs.
Brakes	Air Anti-Lock
Steering	Integral Power Steering

(continued on next page)

STATE OF MINNESOTA  
PRICING PAGE

Tires, Front	11R X 22.5 14 Ply
Tires, Rear	11R X 22.5 14 Ply
Are air conditioning/tinted windows included? (If no, list price)	Standard
Alternator (Amps)	110 Amp
Battery CCA	(2) 1400 CCA
Gauges	Full Electric
Electrical Protection Type	Circuit Breakers
Lights other than operating lights	Cab Strobe/ 4 Rear Flasher Lights
LH Side Window Type	Electric
RH Side Window Type	Electric
Side Broom, type and diameter	Hydraulic Steel 43"
Main Broom, type and diameter	Optional
Sweeper Path	12'
Water Tank Type	Poly
Water Tank Size	240 Gallons
Hopper Load Device	Hopper Load Indicator
Warranty (Months, Years, Hours, Etc.)	TYMCO: 1 yr/1,000 hrs. John Deere: 5 yrs/5,000 hrs. Chassis: Standard Manufacturer's Warranty
Base Chassis (If applicable) Price:	\$89,450.00
Base Body (If applicable) Price:	\$186,200.00
Total Base Unit Price:	\$275,650.00

**STREET SWEEPER : 4-WHEEL SWEEPER OPTIONS**  
SPECIFICATION NO. 3.2  
EVENT NO. 8956

**Note: Responder must provide a response to the lines highlighted in yellow below. If needed, upload catalogs on a separate attachment and submit with the response.**

VENDOR NAME: Environmental Equipment & Services, Inc.

MAKE AND MODEL OFFERED: TYMCO 500X

Qty	Price	Subtotal
Unit Base Price:	\$275,650.00	\$ -

Spec No.	Description	Qty	Price	Subtotal
<b>3.2.1</b>	<b>CAB ACCESSORIES/OPTIONS:</b> Use this section to list operator station accessories/options.			
	Air Horn		\$350.00	\$ -
	Electric Heated West Coast Mirrors		Standard	
	12" Parabolic Mirrors		Standard	
	2 Cameras, Color Monitor		\$2,450.00	\$ -
	Cloth High Back Air Ride Seats		Standard	
	AM/FM/Aux. Input		Standard	
<b>3.2.2</b>	<b>SWEEPER OPTIONS:</b> Use this section to list broom/sweeping options.			
	Abrasion Protection Package		Standard	
	Air Purge		\$225.00	\$ -
	Auto Sweep Interrupt		\$1,950.00	\$ -
	Auxiliary Hand Hose		\$4,250.00	\$ -
	Auxiliary Hand Hose Extension		\$595.00	\$ -
	Auxiliary Hydraulic System		\$1,700.00	\$ -
	Gutter Broom Tilt Adjuster		\$1,400.00	\$ -
	Reverse Pickup Head System		\$650.00	\$ -
	Hose Reel - 50' Hose		\$1,300.00	\$ -
	Gutter Broom Override		\$1,400.00	\$ -
	Hydraulic Curtain Lifter System		\$1,400.00	\$ -
	Sweeper Paint - Any color other than manufacturer's standard white		\$4,500.00	\$ -
	Hopper Vibrator - Electric		Standard	
	Compressed Natural Gas Conversion (CNG)		\$119,500.00	\$ -
<b>3.2.3</b>	<b>ENGINE/TRANSMISSION OPTIONS:</b> Offer engine and powertrain options. Any engines that are Tier 4 compliant must be identified as a Tier 4 engine.			
	Air Dryer Brakes		Standard	
<b>3.2.4</b>	<b>TIRE/RIM OPTIONS:</b> Use this section to list offered tire/rim options.			
	Spare Tire and Rim, 11R X 22.5 14 Ply		\$750.00	\$ -
<b>3.2.5</b>	<b>LIGHTS/CAB EXTERIOR OPTIONS.</b> Use this section to list offered lights and cab exterior options.			
	LED Light Bar		\$1,450.00	\$ -
	Amber Strobe Light LED		\$450.00	\$ -
	Arrow Board LED		\$1,450.00	\$ -
<b>3.2.6</b>	<b>HOPPER ACCESSORY OPTIONS:</b> Use this section to offer hopper accessory options.			
	Hopper Deluge System		\$1,450.00	\$ -
<b>3.2.7</b>	<b>WATER SYSTEM OPTIONS:</b> Use this section to offer water system options.			
	High Output Water System		\$865.00	\$ -
<b>3.2.8</b>	<b>OTHER OPTIONS:</b> Use this section to offer other options, if applicable.			
	Base Price Includes Factory Training for Four People at TYMCO in Waco, TX		Standard	
	Broom Assist Pickup Head		\$4,500.00	\$ -
	Truck Paint other than standard manufacturer's white		\$4,500.00	\$ -
	Magnet Assembly		\$16,500.00	\$ -
	Peterbilt 220 Cabover Right Side Steering		\$18,500.00	\$ -
	Dual Steering Add:		\$17,000.00	\$ -

Price: \_\_\_\_\_

**3.2.9 DELIVERY CHARGES - SEE SPECIAL TERMS AND CONDITIONS**

**NO FLAT RATE ALLOWED**

DELIVERY STARTING POINT - City, State, Zip \_\_\_\_\_

PRICE PER LOADED MILE: \$ \_\_\_\_\_

MINIMUM DELIVERY CHARGE (if applicable) \$ \_\_\_\_\_

**3.2.10 NEW EQUIPMENT RENTAL PROGRAM**

If rental programs are available on the new equipment offered, with the option to purchase, list the hourly/weekly/monthly rental rate. Indicate the percent of rental fee paid by the purchaser that will be applied to the purchase price.

Hourly Rental Rate:	\$ 35.00
Weekly Rental Rate:	\$ _____
Monthly Rental Rate:	\$13,500.00
Percent (%) of Rental Fee applied to purchase price:	100.0%

If the new rental equipment is purchased and finance charges are applicable for the actual rental term only, state the actual interest rate here: \_\_\_\_\_

**3.2.11 VENDOR OWNED RENTAL RETURN OR DEMO EQUIPMENT PROGRAM**

DEDUCT cost per Used Hour from the original Contract Price

\$35.00/hour

**3.2.12 DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES**

% Discount

\*Note: The "Discount to be Applied to Price List" must be a numeric percentage, which may include 0%. Not listing a numeric percentage may result in your bid being rejected.

Price List Date and Number:



OK to pay  
 PO# 2020-00000804

*Ben Schmitt*

Employee ID#5652  
 Close PO

Environmental Equipment & Services Inc.  
 27365 Zachary Avenue  
 Elko, MN 55020

Office Phone: 952-461-3650  
 Or Toll Free: 877-461-3650  
 Fax: 952-461-3689

DATE	INVOICE #
4/16/2020	16048

# Invoice

BILL TO	SHIP TO
City of Plymouth Water Resources Division 3400 Plymouth Blvd. Plymouth, MN 55447	City of Plymouth Water Resources Division 3400 Plymouth Blvd. Plymouth, MN 55447

TERMS	DUE DATE	SHIP VIA	CUSTOMER P.O.
Due on receipt	4/16/2020	Hand Deliver	2020-00000804

Qty/Hrs	Item	Description	Unit Price	Amount
1	Sweeper	2020 TYMCO 500X mounted on a 2020 International Chassis Truck VIN: 3HAMMMMN4LL072860 Sweeper SN: 202004SNG55905BAH Miles: 1,175 Hours: 2.2	296,665.00	296,665.00T
1	Title & Reg.	Titling, Tax Exempt Plates & Registration Fees \$20 Vehicle Excise Tax	75.00 20.00	75.00 20.00



Thank you for your business! Call Suzanne or Andi if you have any questions or concerns.  
 (952) 461-3650 or toll free (877) 461-3650. Special Orders are Subject to 20% Restocking Fee.  
 Buyer hereby acknowledges that payment has been made for the parts / equipment received and such  
 payment shall be considered a "contemporaneous exchange for new value" under the federal and state  
 bankruptcy codes, regulations and statutes.

Sales Tax (6.5%) \$19,283.23  
**Total** \$316,043.23