



GLOBAL ENVIRONMENTAL PRODUCTS, INC.
5405 INDUSTRIAL PARKWAY
SAN BERNARDINO, CA 92407

Proposal for:

Tom Veasman
Senior General Service Specialist

Missouri Department of Transportation
General Services Division
830 MoDOT Drive
Jefferson City, MO 65109

MAKE: Global
MODEL: M4HSD (High Side Dump)
Mechanical Broom Truck Mounted Street Sweeper
Item#4

Presented By:
Sebastian Mentelski
May 13th, 2016



www.globalsweeper.com

GLOBAL ENVIRONMENTAL PRODUCTS

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May 13th, 2016

TOM VEASMAN
SENIOR GENERAL SERVICE SPECIALIST
MISSOURI DEPARTMENT OF TRANSPORTATION
GENERAL SERVICES DIVISION
830 MODOT DRIVE
JEFFERSON CITY, MO 65109

SUBJECT:

BID REQUEST NUMBER: 3-160513TV -MECHANICAL BROOM TRUCK MOUNTED STREET SWEEPER-ITEM# 4
GLOBAL M4HSD NEW PURPOSE-BUILT MECHANICAL STREET SWEEER - SIDE DUMP

DEAR MR. VEASMAN,

WE ARE PLEASED TO PROVIDE FOR YOUR REVIEW AND CONSIDERATION A QUOTATION ON NEW - **GLOBAL M4HSD** PURPOSE BUILT MECHANICAL STREET SWEEPER. WE THANK YOU FOR THE OPPORTUNITY TO BE OF SERVICE. SHOULD YOU REQUIRE ANY ADDITIONAL INFORMATION, PLEASE FEEL FREE TO CONTACT ME AT 847-269-6917.

RESPECTFULLY,

SEBASTIAN MENTELSKI

SALES MANAGER

EMAIL: SMENTELSKI@GLOBAISWEEPER.COM

CELL: (847) 269-6917



Global Environmental Products, Inc., Email (info@globalsweeper.com)

GLOBAL M4HSD

4-Wheel High Speed HIGH SIDE DUMP MECHANICAL BROOM SWEEPER

SWEEPER:

High Side Dump, Dual Gutter Broom, A/C-Heater

Hydrostatic Drive, Cummins ISB 280 HP @ 2600 RPM Engine meets 2016 EPA Emissions,

Gray/White Powder Coating and In-Cab Leaf gate, Ergo Switch, Rear View Camera System

STANDARD SWEEPER EQUIPMENT

High Visibility Cab (Glass Entry Door Included)	Sealed Beam Headlights
69 dBA In-Cab Noise Level	5.2 cu yd (3.5 cu meter) Hopper (Volumetric)
Dust & Weather Sealed Cab	Hopper Dump Alarm
Multi-Adjustable Suspension Seat	47" (1194 mm) dia. Gutter Brooms
Tilt & Telescoping Steering Wheel	In-Cab Gutter Broom Pressure Adjustment
Tinted Safety Windows & Windshield	Tuf-Grip Disposable Gutter Broom Segments
Windshield Wiper/Washer	32" x 56.5" (813 mm x 1435 mm) Tube Type Pickup Broom
Ergonomic Go Pedal	58" (1473 mm) Wide Squeegee Type Elevator
Coolant Temp, Oil Pressure & Voltmeter Gauges	Two 18 gal (68 L) Hydraulic Oil Tanks
Coolant, Eng Oil Pressure & Low Hyd Oil Warning Lts.	Hydraulic Manifolds in LH Fender
Speedometer, Tachometer & Hourmeter	18.5' (5.6 m) Turning Radius
Fuel Level Gauge	Front & Rear Suspension
130 amp Heavy-Duty Alternator	All Sheet Metal Surfaces Primer Powder Coated
280 gal (945 L) Polyethylene Water Tank	All Sheet Metal Surfaces Powder Coated
Gutter Broom Water Spray Jets	Standard Frame Paint Color Gray
Pickup Broom Water Spray Jets	Standard Hopper/Cab/Fenders Paint Color White
Low Water Level Light in Cab	Fender Mounted Tool Box
16' (4.6 m) Hydrant Hose with Coupling & Wrench	Front & Rear Tie Downs with Tow Hooks
Front Spray Bar	Left & Right Dual West Coast Mirrors
Engine Block Heater	Buddy Seat
Centauri Precleaner	PM10 High Quality PUB (Pick Up Broom)
Electrical Systems Locker	ERGO SWITCH STANDARD
Four Wheel Disk Brakes	REAR VIEW CAMERA STANDARD
ABS Brake System	11-FLIGHT Elevator System & Triple Pump Option
Cab Controlled Leaf Gate System	1 Sweeper Service Manuals in English
LED Stop/Tail Lights, Clearance Lights	1 Sweeper Parts Manuals in English
LED Gutter Broom Spotlights	1 Sweeper Operator Manual in English
2016 Cummins Engine with 5 gal. DEF Tank	2 Year Elevator Sprocket Warranty
Load Leveling Device	Fire Extinguisher #5

ADDITIONAL STANDARD EQUIPMENT AS SPECIFIED BY MODOT:

Remote/ Heated Mirrors	Elevator Flusher
Body Color Highway Yellow #13432	Automatic Lubrication System
Whelan Strobe - Cab Mounted w/ Limb guard	Ergo Switch/ Auto lift in Reverse
LED Safety Arrowboard 6' x 3'	LCD Rear Camera System
Rear Flashing (LED) Strobes (mounted in hyd. Towers)	Hopper Coating
Main Broom Hr Meter	AM/FM/CD Radio with AUX,USB Port
Dual Gutter Broom Tilt	Hopper Emergency Lift-Cummins
Air Ride Seat	Hopper Inspection Door
Front And Rear Spare Wheel & Tire	In-Cab Water Tank Gauge
Front Flood Lights Dual Caltrans style	Rear Flood Lights Rear (LED)
Heavy Sweep Hydraulics (Triple Pump)	

Terms: STANDARD WARRANTY:

SWEEPER: 1 Year Parts & Labor
 Engine: 2 Year Parts & Labor (John Deere)
 Sprockets: 2 Years/ Dirt Shoes: 1000 Hour Warranty
 Delivery: 90 days after receipt of order

M.S.R.P.
U.S. Dollar
\$272,900



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GLOBAL M4HSD

4-Wheel High Speed HIGH SIDE DUMP MECHANICAL BROOM SWEEPER

QTY	PART NO.	DESCRIPTION	US \$ PRICE (MSRP)
RECOMMENDED OPTIONS			
SWEEP & HOPPER			
1	323753	GB Speed Control	1,045
1	323743	GB Tilt, Left Single (ILOS 323742)	2,010
1	323744	GB Tilt, Right Single (ILOS 323742)	2,010
1	NPN	Hopper Raise/Lower - Rear Fender Upgrade	240
1	330245-SS	Stainless Steel Hopper (Hopper Only)	9,600
1	330769	High Speed Hopper Lift/Dump	1,800
1	302193	GB Plate - BOLT ON (ILOS 301152)	270
1	329557	PUB - Strip Broom 18 Piece (ILOS 329676)	468
CAB			
1	318717	Air Restriction Ind-In Cab	375
1	323035	Aux. Power Source + 323034 Cap	150
SAFETY & LIGHTING			
1	331150	Arrowstick (LED)	1,440
1	325229	Strobe, Amber-Cab	420
1	324816	Daytime Running Lights	280
1	10891-2	Triangular Flare Kit	120
1	302220	Slow Moving Vehicle Sign	240
MISCELLANEOUS			
1	326517	Battery Master Shutoff	260
1	329822	Remote Grease Block - 9 positions	1,440
1	322420	Microtrap (PM-10 Option) (ILOS 322416, 329676)	1,440
1	327654	Washdown Hose 25' (7.6 m)	350
1	247838	Dual GB Extension (ILOS 2-323742 or 247011)	2,770
1	330108	2015 Cummins Parts Manual	150
1	330106	2015 Cummins Maintenance Manual	400
1	330107	2015 Cummins Troubleshooting Manual	200
1	247994	2015 Cummins Owners Manual	200
1	353384-5.100	5 Year 150 K Cummins Engine Warranty	3,190
1	NPN	CNG Upcharge including 8.9L Cummins Engine and 57 Gal Fuel Equivalent	83,900
DEDUCT IF REQUIRED			
		DEDUCT PUB- Hour Meter	(193)
		DEDUCT Elevator Flusher	(990)
		DEDUCT Dual GB Tilt (ILOS 2-323742)	(3,678)
		DEDUCT Whalen Cab Strobe (LED)	(342)
		DEDUCT Limb Guard (Cab Beacon/Strobe)	(210)
		DEDUCT Heated & Remote Controlled Mirrors with Heavy Duty Brackets (ILOS 324798)	(1,340)
		DEDUCT Seat, High Back, Air, Gray (ILOS 317052)	(850)
		DEDUCT AM/FM Radio w/ CD with Aux & USB Ports (ILOS 353605NY)	(472)
		DEDUCT Spare Wheel/Tire - Front (M3)	(1,090)
		DEDUCT Spare Wheel/Tire - Rear (M3)	(1,320)
		DEDUCT Autolube - Full System (M3)	(5,280)
		DEDUCT Hopper Coating	(3,850)
		DEDUCT STANDARD WHITE Paint	(1,470)
1		DEDUCT Hopper Emergency Lift-Cummins	(1,280)
		DEDUCT Hopper Access Door (Include Step 325065)	(2,300)
		DEDUCT In-Cab Water Tank Gauge	(380)
		DEDUCT LED Safety Arrowboard 6' x 3'	(1,330)
		DEDUCT Rear Flashing (LED) Strobes (mounted in hyd. Towers)	(670)
		DEDUCT Front Flood Lights Dual Caltrans style	(670)
		DEDUCT Rear Flood Lights Rear (LED)	(420)



GLOBAL M4^{HSD}



GLOBAL M4^{HSD}

Powerful Cab Forward Purpose Built Street Sweeper

- ▶ Reliable / Durable Equipment
- ▶ Innovative Engineering / Design
- ▶ Industry Leading Reputation
- ▶ Dedicated Customer Service
- ▶ Outstanding Sales Professionals
- ▶ Fast Parts and Service
- ▶ National Dealer Network

PERFORMANCE

- ▶ The high-performance **Global M4HSD** has unsurpassed pick-up capability across its full 125" sweeping path, even when facing the heaviest workloads.
- ▶ The performance matched equal-width pickup broom and elevator system eliminates choke points and improves sweeping speeds.
- ▶ In-cab gutter broom down pressure controls combine with a self-adjusting pickup broom to give superior sweeping ability.
- ▶ The large 5.2 cubic yard hopper has a ribbed design which eliminates rust traps and is mid-mounted for balanced weight distribution and superior loading.

ENGINE

- ▶ Single Engine Design delivers outstanding performance by a fuel-efficient, turbocharged 280-horsepower 6.7 Cummins diesel engine that meets 2013 Emissions Standards.
- ▶ Single Engine Design allows for easy service, less maintenance, lower fuel consumption and a shorter wheelbase making **Global M4HSD** the ultimate purpose built sweeper.

HOPPER

- ▶ The **Global M4HSD's** large 5.2 cu/yd is capable of dumping into containers or dump trucks with heights up to 133".
- ▶ Dumping the large 11,000 lb payload is effortless and is accomplished from within the cab for increased operator safety and efficiency.

A BALANCED SWEEPING SYSTEM

- ▶ The 58-inch wide debris conveyor system features an overthrow design that helps to collect more debris.
- ▶ The 125-inch sweeping path offers unsurpassed pick-up ability even when handling the heaviest of workloads.
- ▶ Performance matched equal-width pickup broom and dirt conveying system delivers faster loading and sweeping speeds.
- ▶ In-cab adjustment of dirt conveyor aperture allows more efficient pick up of leaves and bulkier materials.

MADE IN USA 

▶ PERFORMANCE. SAFETY. RELIABILITY.

The **Global M4HSD** is a street sweeper designed for all your needs. Its purpose-built design offers reliability, safety, low maintenance, and ease of use, resulting in the lowest operating cost per swept mile. These are the fundamental attributes of this high-performance street sweeping machine.

▶ THE BEST TURNING RADIUS

With the center mounted cab/forward layout the operator has unsurpassed visibility of the road surface as well as pedestrians and surrounding traffic. The 130-inch wheelbase allows for the sweeper to reach a turning radius of 18 1/2 feet, wall-to-wall. With the pickup broom in the center you don't have to worry about what is happening behind you.

▶ EXCEPTIONAL VISIBILITY



Exceptional visibility increases operator and pedestrian safety.

Patented Polyurethane Dirt Shoes will never damage while sweeping and last 1000 hours. Huge 47" gutter broom versus 36" for the competition. Aggressive forward-facing digger design.



Rear view camera with In-Cab 7" LCD Monitor is standard on every Global Street Sweeper.



The Global M4HSD offers the best maneuverability in its class with its tight turning radius that allows the operator to maneuver easily in cul-de-sacs and close quarters.

Elevator Type: optional 11 Flight squeegee with replaceable corded rubber tips; Continuous molded rubber belts combined with optional triple pump to make Global M4 the logical choice for sweeping heavy debris such as road millings, sand and gravel up to 3-tons per-minute. That is one ton of sand every 20 seconds! Standard leaf gate system assists in picking up large debris, bottles, large branches and leaves.

► THE PERFORMANCE YOU NEED

Performance matched equal-width pickup broom and debris conveying system delivers faster loading and sweeping speeds. The purpose-built chassis is based on four decades of experience designing the most effective, and safe, street sweepers in the industry. With the optional heavy sweep package the **Global M4HSD** can sweep gravel, sand, and road millings up 3-Tons per minute. **That is 1-Ton of debris every 20 seconds!**

► CAB/FORWARD DESIGN

Cab/Forward design offers exceptional visibility, comfortable and quiet work environment, incredible turning radius, low center of gravity, and rear-engine design provides greater stability, safety, and lower maintenance costs compared to other chassis type mechanical street sweepers.

► SIMPLY BUILT TOUGH



DUST SUPPRESSION SYSTEM consists of 280 Gallon Water tank & (2) Two Water Pumps rated at 3.5GPM @ 45Psi.

The Global M4HSD is designed to make routine maintenance easy, so your sweeper spends more time on the street and less time in the garage. Two swing-out center body panels provide unrestricted access to elevator adjustment, maintenance and daily cleaning. A centralized, weather-proof systems locker fully protects electrical components from the elements while it allows maintenance staff easy accessibility for inspection and troubleshooting.



The Global M4HSD features many maintenance-friendly attributes, such as a rear swing-out radiator, easy access front mounted AC condenser, brake and windshield washer fluid reservoirs, and cab fresh air filter.

OUTSTANDING AGILITY

- With a 130-inch wheelbase, the **Global M4HSD** handles like a car, moving in, out and around parked vehicles with ease and agility.
- Unlike chassis mounted sweepers, the **Global M4HSD** is purpose built for heavy sweeping applications with the main broom located in the center of the sweeper minimizing trailing when turning.

EXCEPTIONAL VISIBILITY

- Increases operator and pedestrian safety. The **Global M4HSD** offers the best operator visibility of any purpose built wheel street sweeper on the market.
- Front-and-center cab location provides an unobstructed view of the street, curb and gutter brooms at all times.
- Maximum visibility means increased sweeping efficiency, better operator effectiveness and faster, safer sweeping performance.

COMFORT AND CONVENIENCE TO REDUCE OPERATOR FATIGUE

- Inside the **Global M4HSD**, the operator is afforded every comfort and convenience to reduce fatigue and increase productivity.
- An ergonomically designed instrument panel and suspension seat provide superior ride comfort, resulting in reduced operator fatigue throughout the workday.
- The forward control cab, with over 3,800 square inches of tinted safety glass, along with glass entry door provides the operator with outstanding visibility.
- Fingertip controls activate climate zone features such as heater, defroster and air conditioning.
- Parabolic mirrors and side widow defrosters make it easy for the operator to monitor the gutter brooms in any weather.
- Plush interior is finished with sound absorbing upholstery and door trim keeping operator comfortable alert and alert.

Global M4HSD Available Options

- AM/FM/CD Stereo with AUX & USB ports
- Air-Ride Seat
- In/Cab Gutterbroom Tilt
- Heavy Sweep Package
- Elevator Wash-Out System
- PM-10 Water System for improved air quality.





Global Environmental Products Inc. offers equipment with uncompromising performance, consistent quality, durability and reliability. Our comprehensive range of machines provide the right cleaning equipment for your application. Please contact us for a demonstration at (909) 713-1600.

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MADE IN USA 

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