

Hazelwood School District

Bid:

Self-Propelled Battery Powered Walk-Behind Scrubber

Date:

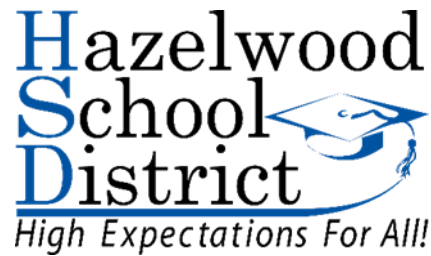
August 13, 2018

Due Date:

August 24, 2018

Time:

10:30 A.M. CDT



The Hazelwood School District is seeking bids for a self-propelled battery powered walk-behind scrubber to be used by the Custodial Service Department for floor cleaning preparations. The selected vendor will enter into a three (3) year municipal lease which will include a \$1 purchase option at the end of the lease period.

Equipment Specifications

- The machine shall be 20" scrubbing path disk scrub head.
- The machine shall have a minimum solution tank capacity of 11 gallons.
- The machine shall come standard with an Insta-Click magnetic pad driver; a yellow foot activated plunger to remove pad driver or brush from the machine.
- The solution flow and brush rotation shall be automatically turned on/off with the handle activation bail. Minimum conventional water flow is 0.15 gpm; Maximum conventional water flow shall be 0.5 gpm.
- The machine shall have a switch near the operator console that allows the operator to instantly change between electrically converted water scrubbing technology and conventional scrubbing modes.
- The scrubber should be equipped to electrically activate water on board and on demand.
- The water flow shall be adjustable on the console or underneath on the e-cell, to accommodate for varying hydration needs. No tools will be necessary to make the change to water flow.
- An icon shall be located on the console to indicate when ec-H₂O NanoClean0 is operating.
- The scrubber and converted water technology should be certified by the National Floor Safety Institute (NFSI) for traction.
- The machine shall self-monitor its electrically-converted water technology and notify the operator, through visual means, that the system needs maintenance.
- The machine's electrically-converted water technology shall adjust the power input based on water flow and the conductivity of the input water; resulting in consistent output and cleaning capability.
- Minimum water flow is 0.12 gpm.
- Medium water flow is 0.25 gpm.
- Maximum water flow is 0.35 gpm.

- The 20” disk machine shall be equipped with on Heavy Duty 1.0 hp brush motor that turns at 230 rpm.
- The machine shall have two (2) independently selectable down pressure settings 20-inch Single Disk – 51 and 90 lbs.
- The machine shall be equipped with a non-marking, self-adjusting brush skirt that follows the contours of the floor.
- The brush skirt shall not require operator adjustment due to wear.
- The machine shall have a minimum recovery tank capacity of 14 gallons.
- The machine recovery tank shall have a recovery tank lid that allows for 100% visual inspection and complete wipe down cleaning of all internal tank surfaces.
- The machine shall be equipped with a yellow recovery tank debris tray at the vacuum hose inlet.
- The machine shall be equipped with a heavy-duty 0.6 hp, 2-stage vacuum fan. The vacuum fan shall create a water lift of 42 inches.
- The squeegee will be foot activated.
- The squeegee assembly shall have a “no tool” squeegee exchange with 4 usable blade edges, per blade.
- The squeegee assembly shall be designed to have a “break-away” feature to alleviate damage to the facility or machine.
- The squeegee will have an integrated P-trap to retain water when the machine is turned off. The P-trap will be such that it can be opened (without tools) to remove debris.
- The vacuum motor shall continue to run for 3 seconds after the squeegee is lifted off the floor to collect water remaining in the vacuum hose.
- The machine shall have a 24-volt electrical system.
- The machine shall come standard with (2) 12-volt batteries 140 AH AGM battery package.
- The machine shall come standard with an on-board, water resistant charger and 15-foot power cord.
- The machine shall be equipped with a removable key in order to turn the power on/off.
- The standard machine shall be equipped with the following icons: Service, Battery Discharge Indicator, Ec-H2O NanoClean on/off
- The machine shall come standard with an hour meter. The machine hours shall be displayed at all time, with hours accruing during scrubbing process only. There shall be an emergency stop switch on the instrument panel for all propelled machines.
- All maintenance items will be colored bright yellow to assist the operator with service/maintenance touch points.
- The machine shall be equipped to provide at least 35 operator diagnostic signals/fault guides for troubleshooting.
- The machine shall have a single activation bail that can be activated at any point along the multi-position ergonomic handle.
- The machine shall be equipped with a speed control knob and a toggle to indicate forward/reverse motion.

- The machine shall shut-down all functions except self-propel when the battery voltage is discharged to 20% of its total capacity.
- The machine shall come standard with a squeegee hang for ease of transportation and storage.
- The machine shall have color-coded and numbered wiring.
- IRIS Asset Manager.
- The machine shall be equipped with IRIS telemetry which collects and transmits machine usage activity using cellular technology. It will deliver key performance metrics, giving you actionable insights to optimize fleet performance and ultimately reduce the cost-to-clean.
- The 20" disk standard sound level shall be as low as 64.9 DbA. The 20" disk in Quiet Mode sound level shall be as low as 57.8 DbA
- The machine shall carry a 10-year warranty on rotationally molded polyethylene tanks.
- The machine shall carry a 2-year labor warranty.
- The machine shall carry a 3 year or 2000-hour parts warranty on non-wearable items.
- A factory representative shall install the machine on-site.
- The machine shall come standard with full operator manual.
- The machine shall come standard with a full color, quick-reference operation and training guide that can be posted in the worker area.

Tenant Model T300, 20-inch Drive with ec-H2O NanoClean or Approved Equal.

Bidder Declare:

Manufacturer's Name: _____

Model Number: _____

Warranty: _____

Price/Ea.: _____

Delivery within _____ Days A.R.O.

Municipal Lease: Yes _____ No _____

SUPPLIER DIVERSITY

The Hazelwood School District has established a Supplier Diversity Program to provide opportunities for the meaningful participation of Minority Business Enterprises (MBE) and Women Business Enterprises (WBE) in purchase made by the District. The District has established minimum goals of fifteen percent (15%) for MBE and five percent (5%) for WBE utilization for all supplier of professional services and consultant.

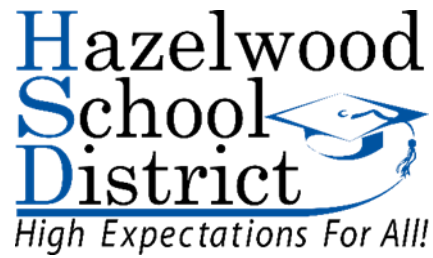
A supplier of professional services or consultant, who has achieved the participation goals for MBE/WBES, as defined herein, will be in compliance with the requirements of the specification. A supplier of professional services or consultant who cannot achieve the goals for MBE/WBE participation must be able to demonstrate that the required positive efforts were initiated prior to submittal of the proposal. If the business partner cannot demonstrate the required positive efforts, the proposal will be rejected as non-responsive.

The District will accept, as prospective MBE/WBE participants for these projects, only those MBE/WBE firms which have been certified by one or more of the following agencies on or before the date of the bid opening:

1. City of St. Louis (St. Louis Development Corporation/Airport Authority)
2. St. Louis Minority Supplier Development Council (SLMSDC)
3. Missouri Regional Certification Committee (MRCC)
4. State Certifications, e.g., the State of Missouri and other states
5. National Minority Supplier Development Council (NMSDC)
6. Women Business Enterprise National Council (WBENC) and its affiliates

In the case of a manufacturer, the District will also accept MBE/WBE certification by any state division of purchasing or the National Minority Supplier Development Council and its affiliates.

The School District reserves the right to reject any certification if it is discovered that the same entity was denied certification by any of the other agencies listed above. If the Hazelwood School District does not accept a MBE or WBE's certification, the district will notify the MBE or WBE in writing.



PROPOSAL PRICE SHEET

PROPOSED COST: \$ _____

Company Name

Address

City/Zip

Phone

Fax

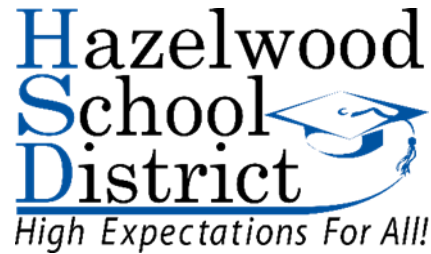
Federal Tax ID

X _____ **Date:** _____

Signature: Authorized Company Official

Print Name

E-mail Address (Please clearly print or type)



Please return this bid in a sealed envelope marked **“Walk-Behind Scrubber”** to the Hazelwood School District Business Office on or before Friday, **August 24, 2018** not later than **10:30 a.m. CDT**.

All bids must be properly marked and addressed as follows:

Hazelwood School District
“Walk-Behind Scrubber”
Attn: Kevin Cross
15955 New Halls Ferry Road
Florissant, MO 63031

Responses must be submitted on or before the date and time listed above. The Hazelwood School District is not responsible for late or incorrect deliveries from the US Postal Service (USPS) or any other mail delivery service. All bid responses must be submitted to the address described herein. The Hazelwood School District reserves the right to accept or reject any and all bids.

Questions concerning bid specifications should be directed to Christopher Carpunky, Director of Custodial Services at (314) 953-5995, e-mail at ccarpunky@hazelwoodschoools.org. Question concerning bid procedures contact Kevin Cross, Director of Purchasing and Supplier Diversity at (314) 953-5020, e-mail at kcross@hazelwoodschoools.org.