

Board of Education Capital Plan FY17-FY21

PROJECT TITLE: Custodial Burnisher

DATE SUBMITTED: 10/5/2015

DEPARTMENT PROJECT INFORMATION

Department: **Facilities**

Department Contact: **Peter Sztaba**

Fiscal Year(s) Requested: **FY12017** **FY2018** **FY2019** **FY2020** **FY2021**

Department Priority: **Critical** **High** **Medium** **Low**

Type of Project: **Vehicle** **Equipment** **Technology** **Facility** **Other**

PROJECT DESCRIPTION

Tolland Middle School has three nighttime custodians that struggle to be able to keep up with the polishing and cleaning of the floors. Recommend the use of a burnisher machine to keep the floors polished and cleaned. The majority of the floors at the Middle School are VCT(Vinyl Composition Tile) that would benefit greatly from the addition of a ride-on burnisher

Quotes of 4 machines were received from two different vendors:

1. Rovic/Hillyard out of Manchester-Advance and Tennant machines-\$17,000-\$19,000
2. Alston Supply-NSS and Windsor machine \$12,500

PROJECT NEED

Impact on Department if Recommended or Not Recommended: Quicker, more efficient polishing of floors, increased life expectancy of VCT in building, better building appearance

Cost to Maintain: Preventative maintenance of new machine-changing of wearable parts, maintenance of batteries

Describe all Benefits and/or Savings: increases life expectancy of VCT, improves building appearance, increases efficiency of current staff

PROJECT BUDGET AND FUNDING SOURCES

Project Cost Summary, Recommended Financing Sources, & Operating Budget Impact

| Project Cost Elements | FY 2017 | FY 2018 | FY 2019 | FY2020 | FY2021 | TOTAL |
|------------------------------|----------------|----------------|----------------|---------------|---------------|--------------|
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| Feasibility Study | | | | | | |
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| Design - Engineering | | | | | | |
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| Site Acquisition | | | | | | |
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| Site Improvements | | | | | | |
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| Construction: | | | | | | |
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| Inspection Services | | | | | | |
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| Equipment & Furnishings-\$19,000-Tenant unit-most compact, most suited to fit in elevator, highest quality unit | | | | | | |
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| Vehicle Purchase | | | | | | |
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| Other | | | | | | |
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| Contingency | | | | | | |
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| TOTALS-\$19,000 | | | | | | |
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Financing Sources

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| Lease-Purchase | | | | | | |
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| Water Enterprise Funds | | | | | | |
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| Sewer Enterprise Funds | | | | | | |
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| Solid Waste Enterprise Funds | | | | | | |
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| Storm Water Enterprise Funds | | | | | | |
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| State / Federal Grants | | | | | | |
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| Sale of Surplus Property | | | | | | |
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| CPA | | | | | | |
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| Other (specify) | | | | | | |
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| City Appropriation-\$19,000 | | | | | | |
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| TOTALS-\$19,000 | | | | | | |
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Hillyard-RoVic
 146 Sheldon Road
 MANCHESTER CT 06045

Quotation

Phone: 800 832 1013
 Fax: 860 647 7057

Sold-to Party Address

TOLLAND BOARD OF EDUCATION
 BUSINESS OFFICE
 51 TOLLAND GREEN
 TOLLAND CT 06084
 Customer Phone: 860-870-6855

www.hillyard.com

Information

Quotation No. 100352732
 Valid from 09/18/2015 to 11/02/2015
 Document Date 09/18/2015
 Customer No. 288062
 Customer P.O. Ride on Burnishers
 Sales Rep Michael Pilver
 Phone
 Extension
 Ship By Ground Standard

Entered By: 147019

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Quotation Details

| Item | Material Description | Quantity | Unit Price | Amount |
|--|---|----------|-------------|-----------|
| CT 860-870-6860 | | | | |
| 0010 | ADV422003 BURNISHER ADVOLUTION 2710 RIDER CHGR | 1 EA | 17,591.82 | 17,591.82 |
| 0020 | TNT9010891 BURNISHER RIDE ON 27IN B10 BATTERY | 1 EA | 18,901.00 | 18,901.00 |
| | | | Gross Price | 36,492.82 |
| Tax and Freight charges are subject to change. | | | | |



CREATING A CLEANER, SAFER, HEALTHIER WORLD.



B10

RIDER BURNISHER

- Burnish large and small areas quickly and easily
- Simplify machine operation and service with intuitive controls and automated burnisher head lift
- Improve Indoor Environmental Quality (IEQ) with active HEPA dust control and quiet operation

QUALITY PERFORMANCE WITH MORE STANDARD FEATURES.



SIMPLIFY MACHINE OPERATION AND MAINTENANCE

Automated head-lift and easy battery access allows for simple serviceability. Charge anywhere with integrated, on-board charger and cord management. Simple intuitive controls make the B10 easy to operate.

CUSTOMIZE YOUR CLEAN

Choose a 24 in / 610 mm or 27 in / 686 mm cleaning path. With 3 speeds and 3 down pressure settings, you can use one machine for many applications and environments.

ENGINEERED FOR POWER AND PERFORMANCE

Accommodates small and large areas quickly and easily with over 20% more horsepower than the leading competitor for bright, shiny floors.

IMPROVE INDOOR ENVIRONMENTAL QUALITY

Active 4-stage HEPA filtration dust control system increases indoor environmental quality and low 69 dBA sound level makes machine operation safe and comfortable, anytime, anywhere.

IMPROVE OPERATOR COMFORT AND PRODUCTIVITY

Ergonomically designed to make burnishing comfortable, the B10's compact riding design can cover large areas quickly while fitting in tight areas like doorways and elevators.

INSIDE THE

B10



CLEANING INNOVATIONS

QA Controls™ System

Lock-in consistent, repeatable cleaning results with exclusive QA Controls system. The “supervisor lock-out” simplifies operator experience and helps ensure a uniform speed and down pressure each time.



HydroLink® Battery Watering System* (optional feature)

HydroLink's easy-to-use design requires little to no training and protects operators from the possibility of acid contact and other risks associated with open battery maintenance. Save money by decreasing maintenance needs and increasing battery life and run time.

*HydroLink® is a registered trademark of Trojan

A Simple, intuitive controls.

B Automated head-lift at 18° makes changing the pad safe and easy.

C True “Free Floating” burnisher head for more uniform burnishing across the cleaning path.

D 24 in / 609.6 mm or 27 in / 685.8 mm path widths help you customize your B10 to fit your needs.

E Active, 4-stage HEPA Dust Control comes standard to help improve IEQ.

F Easy battery access for simplified maintenance and serviceability.

G Integrated on-board charger with cord management.



OPTIMIZE CLEANING PERFORMANCE WITH TENNANTTRUE®

Maximize the uptime and life of your Tennant equipment with TennantTrue Parts and Service. Benefit from the unmatched knowledge of our team of over 400 factory-trained and certified Tennant Service technicians. TennantTrue Parts are designed to fit your Tennant machine and deliver optimal cleaning performance. This helps reduce machine downtime and service calls. Depend on TennantTrue to help you maximize the effectiveness of cleaning operations.

TennantTrue Parts program includes Tennant, Nobles, Green Machines and Orbio cleaning equipment.

Choose GE Capital, U.S. Bancorp, or All-Line Leasing for simple, quick financing with flexible upgrade options.

B10 RIDER BURNISHER

BURNISHING SYSTEM

| | 24 IN | 27 IN |
|----------------------------|--|------------------|
| Path (disk) | 24 in / 609.6 mm | 27 in / 685.8 mm |
| Pad motor | 4 hp direct drive | |
| Pad rotation | 1,500-1,600 rpm | |
| Down pressure (selectable) | 70, 78, 85 amps | |
| Burnishing speeds | | |
| Forward (as shipped) | | |
| Low | 150 fpm / 45.7 mpm | |
| Medium | 175 fpm / 53.3 mpm | |
| High | 200 fpm / 61.0 mpm | |
| Console programmable | | |
| Low Range | 125, 150, 175 fpm / 38.1, 45.7, 53.3 mpm | |
| High Range | 250, 275, 300 fpm / 76.2, 83.8, 91.4 mpm | |

CONSTRUCTION

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|---------|---|
| Chassis | Carbon steel main frame (painted) Rotational molded polyethylene front and rear body parts |
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POWER SYSTEM

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| Battery type | Flooded lead acid 6 x 6 Volts 435 Amp Hour at 20 hour rate |
| Battery run time | 3 hour minimum run time at low down pressure setting |
| On-board charger | 25 Amp rating with charge time ≤ 18 hours |

DUST CONTROL SYSTEM

| | |
|-----------------|-------------------------|
| Dust filtration | 4-stage HEPA filtration |
|-----------------|-------------------------|

MACHINE SPECIFICATIONS

| | | |
|---------------------------------|---------------------|---------------------|
| Length | 58.5 in / 1,486 mm | 58.5 in / 1,486 mm |
| Width | 30.0 in / 762 mm | 31.5 in / 800 mm |
| Height | 55 in / 1,397 mm | 55 in / 1,397 mm |
| Weight with lead acid batteries | 1,346 lbs. / 611 kg | 1,350 lbs. / 612 kg |
| Sound level (operator's ear) | 69 dBA | |

WARRANTY

See your local representative for warranty information

Specifications subject to change without notice.

SEEING IS BELIEVING

For a demonstration or additional information, call +1.800.553.8033 or email info@tennantco.com

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