



Water Pollution Control Plant
 1202 Musser Street
 Muscatine, IA 52761-1645
 (563) 263-2752
 Fax (563) 263-3720

MEMORANDUM

WATER & RESOURCE RECOVERY FACILITY

To: Greg Jenkins, Interim City Administrator

CC: Nancy Lueck, Finance Director
 Cinda Hilger, Secretary

From: Jon Koch, WRRF Director

Date: May 14, 2020

Re: Pressure Washer Purchase

INTRODUCTION: The Water & Resource Recovery Facility (WRRF) staff have received three quotes for a new stationary pressure washer to replace a failed unit. The low bid came from Midwest Pressure Washer for a Landa VHG4 stationary washer for \$7,963.60. Installation costs will be extra and quotes are being requested as certified plumbers and electricians are required to install for warranty purposes. Cost of this purchase will be taken from the deferred Roughing Filter Top Layer Project that has \$90,200.00 remaining in the budget.

BACKGROUND: The WRRF uses a large stationary heated pressure washer to clean large greasy pumps that are removed and brought to the shop for repair. They also have raw sewage on them and need to be hot water cleaned before they can be safely serviced by staff. The pressure washer is also used to clean trucks and the large tractors used to apply biosolids that are covered in biological material at the end of the season and must be cleaned with hot water. There are multiple new uses for the washer including the need for high pressure hot water cleanup of fats, oils and grease (FOG) at the new Liquid Waste Receiving (LWR) Station. The trucks that deliver the FOG to the LWR will also be able to clean out their tankers to remove more beneficial material requiring larger volumes of water than portable units can provide. The new washer will have two stations for multiple site use.

The current pressure washer was purchased some time in the 70's and is leaking badly with no replacement parts. The heating unit has holes and repair is not practical. The WRRF does have a portable unit as well but the volume required for daily cleaning of the new site and the tankers that deliver the material is not practical for a mobile unit. Other bids received included a Hotsy unit for \$11,010.00 and a Mi-T-M unit for \$13,780.00. Midwest Pressure Washer provided a good \$2,100.00 municipal discount for the Landa unit being requested. This is why we are purchasing the unit separate from the installing contractor that will be selected at a later date.

RECOMMENDATION/RATIONALE: WRRF staff recommends issuing a purchase order to Midwest Pressure Washers, LLC in the amount of \$7,963.60 for the purchase of a Landa

"I remember Muscatine for its sunsets. I have never seen any on either side of the ocean that equaled them" — Mark Twain

Muscatine Organics Recycling Center
 1000 S. Houser St.
 Muscatine, IA 52761

VHG4 stationary pressure washer to be paid from the deferred Roughing Filter Top Layer Project budget.

BACKGROUND: Three bids



Shipping Weight	940.00 lbs.
Length	56.50 in.
Width	34.00 in.
Height	46.00 in.

Got a Question?

(Our Experts Will Answer It)

[Ask a Question](#)

- ✔ Looking for more information?
- ✔ Ask a question and our experts will answer it.

Powered by



Hey there 👋 if you need help with parts or equipment recommendations I can help out.

RELATED PRODUCTS

Engine: Electric start - battery included

Frame: Heavy-duty powder-coated steel 1-1/2-inch square tube frame

Components: 2900-watt generator · Heavy-duty dual cogged belt drive system · No. 1 or No. 2 diesel or kerosene fired burner (Not approved for bio-fuel) · 1/2-inch schedule 80-coil with stainless-steel wrap

Miscellaneous: Temperature rise 150°F/66°C above ambient, the maximum outlet temperature is 200°F

Unit Includes: Quick connect nozzles - 0°, 15°, 25° and 40° · 50-foot x 3/8-inch steel wire-braided high-pressure hose with quick connects · Professional-grade insulated trigger gun with safety lock-off · Adjustable pressure insulated dual lance

Technical Specification

PSI	4000
GPM	4.5
Horsepower/Engine	16.8 HP Kubota Z602 OHV
Pump	General
Mi-T-M No.	3-0262
Fuel Tank Capacity	10.0 gallon
Burner Fuel Tank Capacity	10.0 gallon
Burner Fuel Cons.	3.37 gph
BTU Per Hour	471,800
Weights & Dimensions	
Net Weight	836.00 lbs.

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(See details)



MI-T-M HX-0145 Adjustable Thermostat

(See details)

+\$41.50



MI-T-M HX-0146 Hour Meter

(See details)

+\$69.50



MI-T-M HX-0147 Four Point Lifting Capability

(See details)

+\$60.50



MI-t-m HX-0148 Adjustable Detergent Valve

(See details)

+\$65.00

Click to go to specifications

SKU: HS-4005-OMDK

GTIN:

The rugged skid frame of the HS Series makes it a popular option for mounting on a water trailer so you can take this cleaning powerhouse on the road. Blast away grease, oil, and grime literally any

Hey there 👋 if you need help

with parts or equipment recommendations I can help out.

Pump: External bypass system allows more water into the system to protect fi
unloader · Forged brass manifold · 80-mesh, high volume, stainless-steel scree



Mi-T-M HS-4005-0MDK - 4000PSI @ 4.5GPM - Belt Drive - General Pump - Pressure Washer

\$13,780.00

FINANCE AS LOW AS
\$380 / mo

CLICK TO APPLY NOW!

Quantity

ADD TO CART



Receive the product within 2-7 business days. Need it sooner? Give us a call to know the expedited shipping options.



[30 Day Returns](#)



[Free shipping on orders over \\$80 under \\$80 is a flat rate of \\$8.50](#)

Optional Add Ons:



Mi-T-M HX-0130 Three-way Ball Valve

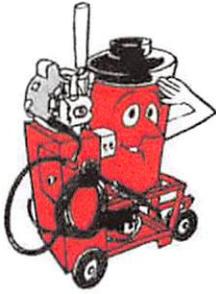
(See details)

Hey there 👋 if you need help with parts or equipment recommendations I can help out.

.75

Mi-t-m HX-0142 Steam Combination 250°F

+\$23.12



Hotsy Cleaning Systems
 1020 N 15th Ave
 Hiawatha, Iowa 52233
 Phone: (319) 378-8400
 Fax: (515) 278-1158
 Email: Trevor@hotsyiowa.com
 Website: www.hotsyiowa.com



QUOTATION

Prepared For:
 City of Muscatine WRRF
 Jim Fox
 1202 Musser St
 Muscatine, IA 52761
 Phone: (563) 263-2752
 Email: jfox@muscatineiowa.gov

Date: 08/16/19
 Hotsy Sales Consultant: Trevor Rhiner
 Phone: (515) 318-8898
 Email: Trevor@hotsyiowa.com
 Estimated Ship Date: 15-20 Business Days

Qty	Part Number	Description	Price	Extension
2	M-1474N	Stationary Hotsy Hot Water Electric Pressure Washer - 5 GPM @ 3000 PSI, 10HP 230V/3PH 28 AMP Baldor Electric Motor, Natural Gas-Fired, Belt Drive Hotsy Triplex Pump, 5 S.O. Cord, (390,025 BTU/HR). Dimensions: 47.5"L x 21"W x 51"H	\$8,880.00	\$17,760.00
*** HSW Drop to Include: ***				
1		Auto Start Stop		\$1,990.00
1		Time Delay Shut-Down		
1		Hour Meter		
1		18" Machine Stand		
1		Pedestal Mount High Pressure Hose Reel		
1		Pedestal Mount Reel Stand		
1		100' 2 Wire High Pressure Hose		
1		3" Connecting Hose		
1		5" Connecting Hose		
1		Gun and Wand Assemble		
3		15 Degree Fixed Nozzle w/ Bushing		
1		3/8" High Pressure Hose Swivel		
2		Wand Holder		
*** Transfer Station Drop to Include: ***				
1		Auto Start-Stop		\$2,270.00
1		Time Delay Shut-Down		
1		Hour Meter		
1		Machine Drip Pan		
1		Wall Mount High Pressure Hose Reel		
1		100' High Pressure 2 Wire Hose		
2		3" Connecting Hose		
1		Primary Remote Box (Pump on-off, Burner on-off)		
1		25' Low Voltage Control Wire		
1		Gun and Wand Assemble		
1		Wall Mount Wand Holder		
3		15 Degree Fixed Nozzle w Bushing		
1		Wall Mount Nozzle Holder		
1		3/8" High Pressure Hose Swivel		
*** Warranty and Operator Safety Certification Listings ***				
		7 Year Pump, 5 Year Coil, 1 Year Bumper-to-Bumper on MFG Defect, 24v Low Voltage Machine Controls, ETL, UL, CGA or CSA Certified, conforms to UL standard 1176 for pressure washers		
		Hotsy to provide on-site training for the life of the equipment		
		Note: Hotsy Cleaning Systems will receive the equipment at our dock, set up, test, and deliver the machine to location @ no charge		
		Quote is for equipment only.		

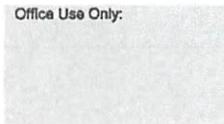
Lease Option	
\$1,096.23	36/Month
	60/Months

Sub-Total	\$22,020.00
Shipping & Handling	\$250.00
Taxes	7.000%
TOTAL	\$22,020.00

THIS QUOTE IS VALID FOR 30 (THIRTY) DAYS

$\div 2 = \$11,010^{00}$
 for one unit

Terms & Conditions: All orders are subject to approval and acceptance by said Hotsy dealer and shall be subject to the terms and conditions herein contained, and to no others whatsoever unless altered or modified by said Hotsy dealer in writing. Said Hotsy dealer shall be excused for any delay due to strikes, accidents, war, fires, Acts of God, or any other causes beyond our control. Promises of delivery are based on our expectations, and does not guarantee to accomplish shipment on the dates or estimated time period mentioned. Orders cannot be canceled, specifications changed, or good returned without written permission. Goods permitted to be returned are subject to restocking and freight charges.



Nothing Cleans Like a Hotsy!

THANK YOU FOR THE OPPORTUNITY TO EARN YOUR BUSINESS

