



CITY of NOVI CITY COUNCIL
Agenda Item D
August 12, 2019

SUBJECT: Approval to purchase a Turn-Out Gear Washer/Extractor and Drying Cabinet from Universal Laundry Machinery, Westland, Michigan, sole source provider, in the amount of \$23,054.

SUBMITTING DEPARTMENT: Public Safety – Fire Department

CITY MANAGER APPROVAL:

EXPENDITURE REQUIRED	\$23,054
AMOUNT BUDGETED	\$39,500
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	101-337.00-982.000

BACKGROUND INFORMATION:

Approved in the 2019-20 Budget was the purchase of one (1) NFPA compliant Turn-out Gear Washer/Extractor and one (1) NFPA compliant Dryer. One of the most important safety resources for firefighters is PPE (Personal Protective Equipment). PPE consists of a firefighter's turnout gear which should be maintained in compliance with national standards. NFPA 1851: Standard on Selection, Care, and Maintenance of Structural Firefighting Protective Ensembles outlines the appropriate care and maintenance of turnout gear.

The current washer/extractor unit at fire station #4 was installed in 2003, and has surpassed its useful life span. Firefighter protective clothing must be kept clean to ensure its proper performance. Dirty gear carries less insulation, is more likely to conduct heat and electricity, lacks liquid shedding properties, and can become potentially flammable. Moreover, many fire ground contaminants are carcinogens and skin toxic chemicals. Turnout clothing needs to be cleaned regularly to prevent these problems.

The chosen company (UniMac) has created the FireLinc technology which will be required by NFPA. The system employs a tablet and barcode system which tracks inventory, regular maintenance, and exports the history to a spreadsheet for easy auditing.

RECOMMENDED ACTION: Approval to purchase a Turn-Out Gear Washer/Extractor and Drying Cabinet from Universal Laundry Machinery, Westland, Michigan, sole source provider, in the amount of \$23,054.

MEMORANDUM



TO: JEFFERY JOHNSON, FIRE CHIEF
FROM: PHILIP DUCZYMINSKI, CAPTAIN/TRAINING OFFICER
SUBJECT: 2019 FIRE DEPARTMENT GEAR WASHER/DRYER
DATE: 7/31/2019

The Fire Department would like to complete the purchase of a new gear washer/extractor and drying cabinet at a total cost of \$23,054. This price includes a 65 LB. turnout gear washer, turnout gear drying cabinet (\$21,879) and FireLinc system (\$1,175). All other associated costs for electrical, plumbing, and site work have been budgeted as well. We have made two separate attempts to acquire grant funding for this project but were unsuccessful.

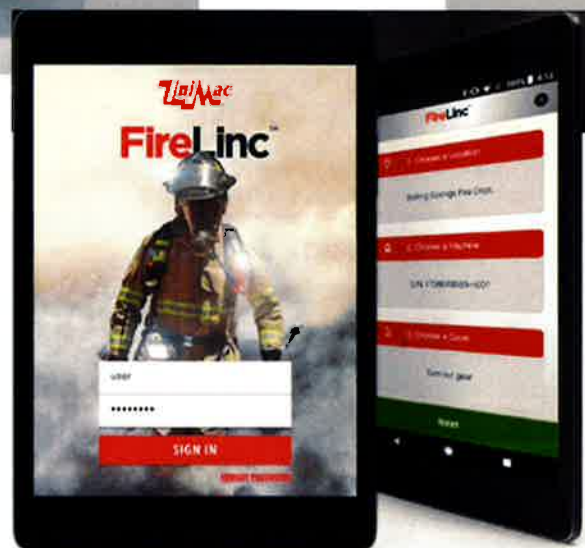
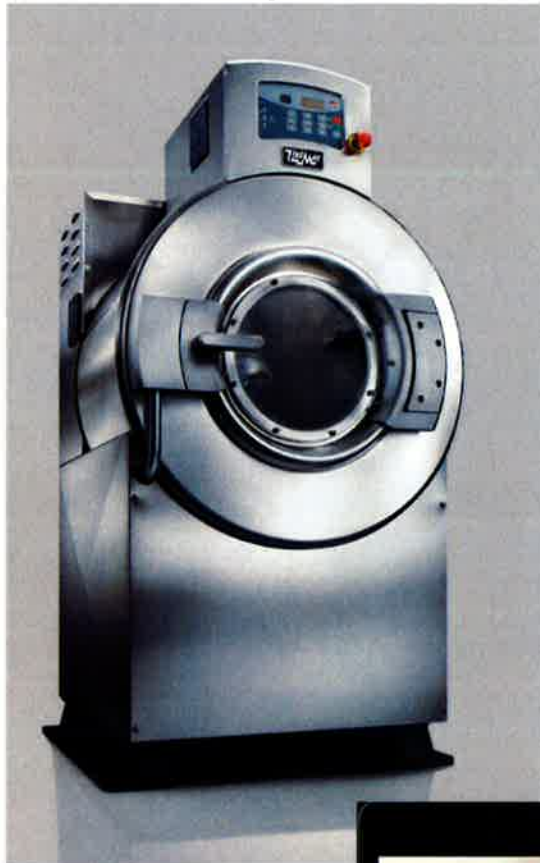
One of the most important safety resources for firefighters is PPE (Personal Protective Equipment). PPE consists of a firefighter's turnout gear which should be maintained in compliance with national standards. NFPA 1851: Standard on Selection, Care, and Maintenance of Structural Firefighting Protective Ensembles outlines the appropriate care and maintenance of turnout gear.

The current washer/extractor unit at fire station #4 was installed in 2003, and has surpassed its useful life span. The new washer/extractor and drying cabinet will conform to the new NFPA 1851 standard. Firefighter protective clothing must be kept clean to ensure its proper performance. Dirty gear carries less insulation, is more likely to conduct heat and electricity, lacks liquid shedding properties, and can become potentially flammable. Moreover, many fireground contaminants are carcinogens and skin toxic chemicals. Turnout clothing needs to be cleaned regularly to prevent these problems. Yet, improper cleaning can also destroy clothing or worsen its protective performance.

The chosen company (UniMac) has created the FireLinc technology which will be required by NFPA. The system employs a tablet and barcode system which tracks

inventory, regular maintenance, and exports the history to a spreadsheet for easy auditing.

I am recommending that the Novi Fire Department finalize the purchase of these budget items and transition to NFPA compliant equipment. This will increase the reliability of firefighter turnout gear, help improve safety, and keep the Novi Fire Department in compliance with gear maintenance standards.





UNIVERSAL LAUNDRY MACHINERY

Proposal No. 209635

65 LB. TURNOUT GEAR WASHER

1 ea.	-UniMac UWT065D40L	Industrial 65 lb. Turnout Gear Washer Extractor	\$16,719.00	\$16,719.00
<p>Includes: UniLinc fully programmable graphic display control, production reporting capability, energy saving inverter drive system, through the door spray rinse, 4 brass water fill valves, smart drain advance, front cylindrical and rear spherical roller bearings, fits through a 36" door, Warranty: 90 day labor warranty, 3 year parts warranty, 5 year warranty on the basket - shaft - frame - seals and bearings, 100 'G' force extraction, Manufactured in the USA, 208-230/60/3 or 1 phase. Compatible with the Fire Linc program for recording digitally the washing of turnout gear. Meets ALL NFPA 1851 recommendations for washing turnout gear. Cleans up to 10 "pieces" (liners or shells) at a time.</p>				
1 ea.	-UniMac UTGC	Turnout Gear Dryer	\$8,474.00	\$8,474.00
<p>Includes: Removable hangers for up to 6 sets of gear, two separate heated air systems, dries from the inside out and from the outside in, gentle non tumble drying as approved by gear manufacturers. Includes boot and glove drying racks, 208 or 230/60/1 phase</p>				
1 ea.	-Discount	Minus Fire Fighter Discount	-\$5,039.00	-\$5,039.00
1 ea.	FRT-1	Freight From Factory	\$445.00	\$445.00
1 ea.	-DEL	Delivery and Boltdown	\$1,280.00	\$1,280.00
			Subtotal	\$21,879.00
			Tax	
			Total	\$21,879.00

- Universal will deliver, offload, uncrate, set in place and level washer and drying cabinet, and anchor and grout washer to a proper and substantial concrete foundation provided by Novi City Fire Department
- Utility connections ARE NOT INCLUDED and are the responsibility of Novi City Fire Department
- Clear access (35" door openings, etc.) is the responsibility of Novi City Fire Department
- Universal will start-up, check-out, and instruct in use and operation.



UNIVERSAL LAUNDRY MACHINERY

Proposal No. 209635

FIRE LINC

1 ea.	-UniMac FireLinc	FireLinc	\$1,175.00	\$1,175.00
	Cloud-based FireLinc system keeps track of turnout gear washing history. Includes Android tablet, articulating arm, RFID or barcode scanner and WiFi connection.			
			Subtotal	\$1,175.00
			Tax	
			Total	\$1,175.00



Alliance Laundry Systems LLC
Shepard Street, P.O. Box 990
Ripon, WI 54971-0990
Tel 920.748.3121
Fax 920.748.1664
www.uniwash.com

July 12, 2019

Captain Philip Duczyminski
Novi City Fire Department
42975 Grand River Ave.
Novi, MI 48375

Dear Captain Duczyminski,

The intent of this letter is to confirm that Universal Laundry Machinery, of Westland, Michigan, is the exclusive factory authorized distributor for UniMac commercial laundry equipment, UniMac factory authorized parts, and UniMac authorized service and warranty provider in the state of Michigan.

Should additional information be required, please feel free to contact me directly.

Kind Regards,

A handwritten signature in black ink, appearing to read 'Josh Steinhardt'. The signature is written in a cursive, flowing style.

Joshua P. Steinhardt
Senior Regional Sales Manager, UniMac
Canada & Central U.S.
PO Box 990
Ripon, WI 54971
(920) 410-7867

CC: JN, BB