



# STAFF REPORT

**Report To:** Board of Supervisors

**Meeting Date:** November 16, 2017

**Staff Contact:** Laura Rader and Sean Slamon

**Agenda Title:** For Possible Action: To approve the purchase of burn insulation material from Fire Facilities Inc. for a total not to exceed amount of \$58,530.89 to be funded from the Repairs/Training Facilities Account in the Capital Projects Fund (Laura Rader, LRader@carson.org and Sean Slamon, SSlamon@carson.org).

**Staff Summary:** The Burn Building Rooms at Fire Station 52, 2400 College Pkwy, Carson City, NV 89706 currently utilize the Westec Insulation System and will need to be retrofitted with new insulation lining to the walls and ceilings in order to continue to be used for vital Academy firefighter training. All surrounding fire departments use this training center and burn building for live fire exercises, and due to the building's current age and extensive use, these protective liners need to be replaced. Fire Facilities Inc. is the sole source supplier of the Westec Insulation System. NRS 338.1423 requires the City to pay sales tax on materials purchased for installation by a contractor. A licensed contractor will install the product under a separate labor contract for an amount not to exceed \$21,469. The total project cost will be approximately \$80,000.

**Agenda Action:** Formal Action/Motion

**Time Requested:** Consent

---

## **Proposed Motion**

I move to approve the purchase of burn insulation material from Fire Facilities Inc. for a total not to exceed amount of \$58,530.89 to be funded from the Repairs/Training Facilities Account in the Capital Projects Fund.

## **Board's Strategic Goal**

Safety

## **Previous Action**

## **Background/Issues & Analysis**

In order for the Carson City Fire Department to continue its burn room training, the following retrofits will need to be installed:

Room 1) 1<sup>st</sup> floor burn room:

Replace burn room wall and ceiling lining for burn room with Westec insulating system (including ceiling trims). To include a Bluetooth enabled Scout Monitoring System, which will allow for data gathering, as well as an alarm system to monitor heat temperature levels. This will allow for the monitoring of all three rooms with a wireless device like an iPad.

Room 2) 1<sup>st</sup> floor burn room:

Westec insulating system for lining the walls and ceiling of burn room. Includes (1) Scout Temperature Meter and (3) thermocouples (2 ceiling probes and 1 wall) with Audible/Visual External Alarm Components for use with the Scout Temperature Monitoring System.

Room 3) 2<sup>nd</sup> floor repair of existing burn room:

Westec insulating system for repair of burn room, to include a new ceiling and 6 side panels and trim. (1) Scout Temperature Meter and (3) thermocouples (2 ceiling probes and 1 wall probe for each room) with Audible/Visual External Alarm Components for use with the Scout Temperature Monitoring System.

**Applicable Statute, Code, Policy, Rule or Regulation**

NRS 332.115 ( c ); NRS 338.1423

**Financial Information**

Is there a fiscal impact?  Yes  No

If yes, account name/number: Capital Projects Fund-Repairs/Training Facilities 210-0000-422.06-93

Is it currently budgeted?  Yes  No

Explanation of Fiscal Impact: If approved, the account will be reduced by \$80,000 for the total project cost.

The account currently has a \$80,000 balance that will be carried forward from FY 2017.

**Alternatives**

Not award contract and provide other direction.

**Board Action Taken:**

Motion: \_\_\_\_\_

1) \_\_\_\_\_

2) \_\_\_\_\_

Aye/Nay

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
(Vote Recorded By)

# PROPOSAL

**FIRE FACILITIES INC.**

314 WILBURN ROAD  
SUN PRAIRIE, WI 53590-9401



"ASK BEFORE YOU BUY" - THE ONLY MAJOR STEEL FIRE TRAINING TOWER MANUFACTURED IN THE UNITED STATES



<b>To:</b>	<b>From:</b>	<b>Date:</b>
T J Dehaven Carson City FD/Carson City, NV Proposal # 4858 and #4768 Proposal # 4976	Steven Harms Regional Manager 303-726-6013	Oct. 15, 2017
		<b>Phone:</b> 1-800-929-3726 or (608) 327-4100
		<b>Fax:</b> 1-866-639-7012 or (608) 834-1843
		<b>E-mail:</b> sharms@firefacilities.com

<b>Remarks:</b>	
This proposal is regarding the price requested for <u>Carson City, NV</u> .	
The total estimated weight for these materials is <u>4,212.51</u> lbs.	
The total price for this fire tower or parts, F.O.B. destination is <u>\$13,056.00</u> as described below: * See tax note below	
Freight:	\$4,197.00
<b>Freight + Material Price:</b>	<b>\$17,253.00</b>
Price Includes The Itemized Pricing That Follows:	
1. Westec insulating system for lining existing 1st floor burn room (14'-4" x 9'-2" x 8'-6"):	\$13,056.00
Note: This price does not include new window shutters or burn room doors.	
3. (1) Scout temp. meter (data logging, alarms, and Bluetooth enabled) and (6) thermocouples:	\$3,426.00
Proposal Number 4976	Tax, Materilas, Freight, New Scout
	Total \$23,060.23
Proposal Number 4858	New Burn Romm on First Floor never before Lined.
Includes Westec insulation system for lining both walls and ceiling of one room (14'-3" x 12' x 8'-4" high ceiling)	
3 thermocouples 2 ceiling probes and 1 wall probe to connect to Temperature meter listed on Proposal 4976	
	Tax, Materilas, Freight to jobsite
	Total \$19,115.14
Proposal Number 4768	Repair of exsisting 2nd floor burn room
Westec insulating system for repair of burn room exsisting burn room second floor. Includes new ceiling and 6 side panels and trims. Also 3 probes. 2 ceiling and 1 wall mount. Audible/Visual External alm for use with new scout on proposal 4976. Also 10 each new Westemp Panels.	
	Tax, Materilas, Freight, to jobsite
	Total \$16,355.52
	Proposals #4768, 4976 and 4858 total all above \$58,530.89
Plans for the above materilas will be part of order above and supplied n=by Fire Facilites engineering group.	
Inspection by FFI Steven Harms to verify installed per FFI guidelines to put 15 year warranty in place upon that inspection and date of inspection to Be Determined by Steven Harms and personel of Carson City, \FD after install is completed by General Contractor to be contracted by Carson City NV purchasing as a separate P.O.	

Ship date is 10-14 weeks upon receipt of signed contract. Payment is due in full, 30 days from ship date. Prices quoted in U.S. Dollars. Prices include the design, materials, fabrication, and freight only - foundation and erection labor prices only if shown. 3004.eff.0715  
Applicable taxes may need to be added based on location. Prices effective 60 days from date of this proposal. 1 of 1



314 Wilburn Road \* Sun Prairie, WI 53950  
Ph: (800) 929-3726 \* Fax: (866) 639-7012

January 14, 2014


To Whom It May Concern:

Fire Facilities, Inc., is the sole source supplier of the **Westec®** Insulation System. Westec is a patented system developed exclusively by Fire Facilities, Inc. This state of the art system provides unprecedented protection for fire training structures. Westec Systems are provided with the industry's only 15-year limited warranty for burn rooms. The Westec System withstands continuous burn room temperatures of 1850 degrees F. The system greatly extends the life of the burn room and eliminates on-going maintenance.

The Westec System was formally introduced to the fire industry in July of 2003. Since its introduction, Fire Facilities Inc. has provided over 100 installations with this proven burn room technology. Due to its outstanding durability, the Westec Insulation System has since become the standard for all new Wesco Fire Training Towers by Fire Facilities Inc.

**The Westec Insulating System is protected by US Patent 7,823,357 B2.**

Respectfully,



Steven Harms  
Regional Manager  
Fire Facilities Inc.

*\*(For firefighter safety, Fire Facilities recommends maximum training temperatures of 1200 degree F.)*