

**JG Johnson Elementary
Fire Alarm Infrastructure Replacement
900 E. Jack Rabbit
Pahrump, NV 89048
Nate Cardinal, MOSS Director**

**Nye County School District
Board of Trustees regular meeting
Pahrump, Nevada
December 11th, 2025**

Agenda Item: FOR POSSIBLE ACTION – Award or reject bids for the Fire Alarm Infrastructure Replacement Project at J.G. Johnson Elementary School Modular Classrooms from the following:

- Kill A Watt LLC / ABS Fire – \$71,186.10 (combined bid)
- Ace Fire Systems – \$99,174

Goal:

To replace the failing underground fire alarm infrastructure serving the modular classrooms with a reliable, code-compliant system that ensures consistent operation and reduces ongoing maintenance costs.

Discussion:

The existing fire alarm system servicing the modular classrooms at J.G. Johnson Elementary School has been experiencing repeated failures due to deteriorating underground infrastructure and improper wiring. The current system wiring is not rated for underground installation, resulting in frequent shorts and communication issues between the main building and modular units. These failures have led to numerous costly service calls and unreliable alarm functionality, posing both operational and safety concerns.

To address these issues, this project proposes a full replacement of the underground conduit and wiring connecting the main building fire alarm panel to the modular classrooms. New underground-rated fire alarm cable (14-2, 16-2, and 18-2) will be installed within the newly trenched conduit. Junction boxes will be added at each modular and at the main building to provide proper access points for maintenance and system integrity.

Kill A Watt Electric will perform the trenching, conduit installation, and wire pulling from the main building's junction box to each modular classroom. Once the new conduit and wiring are in place, ABS Fire will reconnect and test all existing fire alarm devices, ensuring the system is fully operational and compliant with code requirements. This upgrade will eliminate the ongoing reliability issues, reduce maintenance costs, and restore full functionality to the fire alarm system serving the modular units.

Two proposals were received for the Fire Alarm Infrastructure Replacement Project:

- Kill A Watt LLC for \$54,261.10 and ABS for \$16,925; Combined total \$71,186.10
- Ace Fire for \$99,174

Contacted Dignity Fire Protection Inc. and Omega Fire Protection on 11-21-25. Provided the scope of work to be performed pertaining to the fire alarm infrastructure replacement project and invited them to submit a proposal. No response has been received.

Timeframe:

Work is scheduled to take place during spring and summer breaks to avoid disruption to students and staff, and to ensure that all trenching and construction activities occur when the campus is unoccupied. This scheduling will minimize noise, prevent interference with classroom instruction, and maintain a safe environment free of open trenches during school hours. The existing fire alarm system will remain active during the underground work.

Warranty:

Warranty on workmanship- 90 days

Warranty on parts 1 year

Cost:

Following review of both proposals, I recommend awarding the project to Kill A Watt LLC for \$54,261.10 and ABS for \$16,925

Funded out of Residential Construction Tax

Attachments:

Bid proposal from ABS, Ace Fire, and Kill A Watt

KILL-A-WATT LLC.
Energy Conservation Solutions
Po Box 9630
Pahrump, NV 89060
775-253-5959
License# 0077053
Bid Limit \$5,000.000.00

Estimate

Date 5/19/2025
Estimate # 1825

Customer

Nye County School District

Item	Description	Qty	Rate	Total
LABOR	Attn Nate JG Johnson Elem Trench and install conduit and Jboxes according to plans with 12x6x12 boxes and 1" conduit Install spec fire wire 14-2, 16-2, 18-2 Connect under sidewalks- hand digging around existing utilities Backfill and repair concrete where needed 610' trench - 1,100' pipe		54,261.10	54,261.10
	Signature _____			

KILL-A-WATT LLC. Energy Conservation Solutions
stevenmkhoury@aol.com
775-253-5959
775-751-5182

Total

\$54,261.10



Ashworth & Belcastro Systems, Inc.
5665 S Valley View Blvd Suite 2
Las Vegas, NV 89118
Ph. 702-454-2277 Fax 702-454-2285
Contractor's License #0057326 & 0075157

September 8, 2025

Customer: Nye County School District
PO Box 113
Tonopah, NV 89049

Property: J.G Johnson
900 East Jackrabbit
Pahrump, NV 89048

Contact: Nate Cardinal
ncardinal@nyeschools.org

ABS looks forward to doing business with you. Please accept this as our proposal for the following Scope of Work. All work will be performed per NFPA standards.

Scope of Work: Repair damaged underground cabling for the fire alarm system.

1. Supply and install 18/2, 16/2, & 14/2 M/C cable within mods to connect to existing system circuits.
2. Test system for proper functionality.

Parts:	\$6,925.00
Labor:	(80) hours @ \$110.00 an hour.
Travel Time to Pahrump from Las Vegas:	(20) hour @ \$65.00 an hour.

Total Price: \$16,925.00

Notes:

1. Includes labor and applicable taxes.
2. This proposal is good for 30 days from the date of issuance.
3. All work will be performed per NFPA codes and standards.
4. All work to be performed during regular business hours Monday through Friday 7:00AM to 4:30PM.

Exclusions:

1. Underground; pathways, or stub ups; Backfilling; Electrical; Fire Caulking; Painting; Patching of Drywall; Plaster, Concrete; Changes made by owner, or by the AHJ; Overtime; Special systems; Construction Bond; Lift rental; Any existing damaged wiring, or devices; Any item not specifically noted in the above scope of work.

Terms and Conditions:

ABS accepts 50% down and balance upon completion of job Net 15 with a 1 ½ % per month simple interest, collection and applicable attorney's fees assessed if delinquent. The Customer's failure to pay ABS, as committed, shall relieve ABS from continued performance hereunder. All applicable sales taxes are included.

General Provisions:

This agreement, incorporating the Scope of Work, shall constitute the entire Agreement between the parties with respect to the subject matter of contract. All prior written or verbal communications and/or proposals are superseded by this Agreement.

Warranty Information:

ABS warrants its workmanship and performance against defect for a 90-days time period after job completion for installs and (1) year for parts. We shall correct as necessary those problems resulting from our workmanship or our provided material failure, providing there have been no alterations, changes, service, or maintenance performed to the installation by personnel other than ABS. However, it is understood and agreed that ABS shall not be responsible to the customer for incidental or consequential damages in any amount whatsoever.

Agreed to and accepted this _____ day of _____, 2025

By: _____

Print Name / Title: _____

Submitted by,

Wes Ashworth
Nicet IV #139988
702-416-2542
washworth@absfirenv.com



Ace Fire Systems, LLC
2620 Western Ave.
Las Vegas, NV 89109
NV Lic #036746
Bid Limit \$5,000,000.00

FIRE ALARM PROPOSAL

Date: June 18, 2025
To: JG Johnson Elementary

Cont License: NA
Attn: Nate Cardinal
Job Name: JG Johnson Elementary
Address: 900 Jack Rabbit Way Pahrump
Phone Number: 775-513-3526

E-mail: ncardinal@nyeschools.org

We are pleased to offer our quotation based upon the provided information. Our price is to provide labor and material to complete this job in accordance with NFPA 72, NEC, and local codes including the following:

☒ STANDARD RATE ☐ PREVAILING WAGE

Your cost for the above referenced project based on the following specified criteria is:

Ace Fire to run new underground to existing portables and tie in existing fire alarm equipment. This will include testing of the portables fire alarm equipment. We will be using existing fire alarm equipment in the portables.

TOTAL \$99,174.00

Exclusions

<input type="checkbox"/> MC Cable	<input checked="" type="checkbox"/> Man lift	<input checked="" type="checkbox"/> Duct Detector Testing
<input type="checkbox"/> Underground	<input checked="" type="checkbox"/> Sprinkler Switches	<input checked="" type="checkbox"/> FSD Control
<input checked="" type="checkbox"/> Fire Caulking	<input checked="" type="checkbox"/> Duct Detector Tie In	<input checked="" type="checkbox"/> Door Holders
<input checked="" type="checkbox"/> Finish Restoration	<input checked="" type="checkbox"/> Duct Detectors	<input checked="" type="checkbox"/> Elevator Recall
<input checked="" type="checkbox"/> Ceiling Tiles / Cutting	<input checked="" type="checkbox"/> HVAC Tie In	<input checked="" type="checkbox"/> Elevator Controller Tie In
<input checked="" type="checkbox"/> 110v Power	<input checked="" type="checkbox"/> Duct Detector Indicator	<input checked="" type="checkbox"/> Expedited Permit Review
<input checked="" type="checkbox"/> Fire Alarm	<input checked="" type="checkbox"/> Extinguishers	<input checked="" type="checkbox"/> Roof Penetrations and Roof Pathways
<input checked="" type="checkbox"/> Additional requirements not specifically listed on plans reviewed for this proposal, but that may be required to receive a permit for this system from the AHJ		

Fire Sprinklers • Fire Alarms • Fire Monitoring • Kitchen Suppression • Hydrants • Pumps
Backflows • Fire Extinguishers • Design, Install, Test & Inspect
AceFireNV.com



System design to meet requirements of NFPA. System design based on NFPA approved equipment and devices and the

following detailed criteria:

Roll out schedule (subject to availability): submittals 6-10 days, field drawings (after receipt of CAD floor plans) 4-6 weeks, material delivery 6-8 weeks, installation as per mutually agreed upon schedule.

Qualifications, Clarifications, General Terms and Conditions of Sales

- Price includes all required state and local taxes, all necessary system calculations and design drawings for approval and a reasonable amount of time for coordination with other trades.
- All design materials and methods to be per NFPA and industry standards. All items to be UL listed or FM approved for use in fire alarm systems to meet NFPA standards, but not necessarily as specified. No State Fire Marshall or Insurance underwriter approval is provided
- Our design staff utilizes CAD design software, and this proposal is based on receiving project CAD files.
- Price is based on installing all work during the normal work week. No shift or overtime is included in our proposal, unless specifically noted
- The price quoted above is good for fifteen (15) days from the proposal date.
- In the event of any delay or price increase in materials or labor during the performance of the contract, the contract sum, time of performance, and contract requirements shall be equitably adjusted by change order in accordance with the procedures set forth in the contract documents.
- This proposal is based upon insurance coverage's as currently carried by Ace Fire Systems. Any additional coverage's or limits are not covered by this proposal.

Entire Contract

The provisions contained herein constitute all of the terms and conditions of this contract. No changes or additions hereto shall be binding upon Seller unless in writing and signed by both parties. Any terms or conditions of Purchaser's order inconsistent here with or in addition hereto shall be governed by only the terms and conditions appearing herein. A definite and reasonable expression of acceptance or a written conformation sent to Seller within the time above, specified in the Purchaser's order, operates as an acceptance of all of the terms specified herein. Use of this proposal or acceptance in any form constitutes acceptance of its terms and conditions.

Proposal and Contract

Seller's proposal, when accepted, is not subject to cancellation, suspension or reduction in amount, except with Seller's written consent and upon terms which reimburse Seller for work performed, plus reasonable overhead and profit.

Prices

In addition to the price specified herein, Purchaser shall pay for all extra work requested by Purchaser or made necessary because of incompleteness of or inaccuracy in plans or other information submitted by Purchaser with respect to location, type of occupancy, or details of work to be performed hereunder. In the event the layout of Purchaser's facilities has been altered, or is altered by Purchaser prior to completion of this contract, Purchaser shall advise seller of any such alterations.

Payment

Seller relies on the sections of N.R.S. 624.624-.630 for payment terms, irrespective of any exemptions contained in the statute.

The payments for said installation are to be paid in monthly installments per N.R.S. 624 .624-.630 based on invoices presented and approved by Purchaser according to N.R.S. 624.624-.630. The invoice will be based on the value of material delivered and work performed during the month. Final payment shall be in all cases due and payable per N.R.S. 624.624-.630. A service charge will be charged and added to the price on all payments past due and owed by the Purchaser under this contract, at a rate of 18% per annum, or at such rate as is the maximum rate permitted to be contracted for under such applicable law, whichever is greater. Purchaser shall pay all attorneys fees and costs incurred in the collection of past due accounts.

Changes, Alterations, Additions

Change, additions, or deletions may be provided by Seller to Purchaser by a mutually agreed up written order. Such agreement to be pursuant to N.R.S. 624.626

Liability

Seller shall not be liable for any damages or penalty for delays in work due to failure of or delay in furnishing correct or complete information by Purchaser with respect to location or other details of work to be performed hereunder, impossibility or impracticability of performance or any other cause or causes beyond the control of the Seller, whether or not similar to the foregoing.

Completion

This quotation/contract is based on all fire protection work, herein proposed, being completed by A.F.S. per a mutually agreed upon schedule.

Site Facilities

Purchaser shall furnish all necessary facilities for performance of its work by Seller, adequate space for storage and handling of material, Lights, electric power, water, heat, local telephone, watchman and crane and elevator service if available, and necessary permits.

Structure and Site Condition

Purchaser warrants the sufficiency of the structure to support the fire alarm and its related equipment. In no event shall Seller be liable for special or consequential damages. Seller's liability on any claim for loss or liability arising out of or connected with this contract, or any obligation resulting there from, or from the manufacture, fabrication, sale, delivery, installation, or use of any materials covered by this contract, shall be limited to that set forth in the paragraph entitled "Warranty". Purchaser will provide a conditioned space for all alarm panels.

Warranty

Seller agrees that for a period of one (1) year after completion of said installation it will, at its expense, repair or replace any defective materials or workmanship supplied or performed by Seller. Upon completion of the installation, the system will be turned over to the Purchaser fully inspected, tested and in an operable condition. As it is thereafter the responsibility of the Purchaser to maintain it in an operative condition, it is

understood that the Seller does not guarantee the operation of the system.

Severability

If any provisions of this proposal/contract shall be deemed invalid or unenforceable under the laws of the jurisdiction applicable to the entire contract, such invalidity or unenforceability shall not invalidate or render unenforceable the entire contract, but the entire contract shall be construed as if not containing the particular invalid or unenforceable provision or provisions, and the rights and obligations of the Seller and the Purchaser shall be construed and enforced accordingly.

Assignment

Any assignment of this contract by Purchaser without the written consent of Seller shall be void. Seller may assign this contract to its subsidiaries or affiliates.

Claims

Any claims against Seller arising hereunder must be presented in writing, with particulars, within ten (10) days after they arise, or become invalid or waived by claimant.

Arbitration

Any controversy or claim over \$3,500 arising out of or relating to this contract, or the breach thereof, upon mutual agreement, shall be settled by arbitration in accordance with the rules of the American Arbitration Association, and judgment upon the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof.

We look forward to your favorable response in the near future.

Sincerely,

Jim Summers - Estimator

Signature: _____

Date: _____

Name: _____

Title: _____

Any special Instructions:

Location:

- | | |
|-------------------------------------|--------------|
| <input type="checkbox"/> | City |
| <input type="checkbox"/> | County |
| <input type="checkbox"/> | N Las Vegas |
| <input type="checkbox"/> | Henderson |
| <input type="checkbox"/> | Boulder City |
| <input checked="" type="checkbox"/> | Other |