



MARBLE FALLS

Independent School District

Meeting Date:

Meeting Type:

How will you present this item to the Board?

Does this item require any documents to be signed by the Board?

LOVE & INSPIRE

Marble Falls ISD has an unyielding commitment to love every child and inspire them to achieve their fullest potential.



Don Clark
Marble Falls ISD
1800 Colt Circle
Marble Falls TX 78654

512.244.1212 | www.jmee.com
P.O. Box 397, Round Rock, TX 78680

CUSTOMER QUOTATION NO. 1413

Quote No: 1413
Site: MFISD Marble Falls HS -Max Gym
Site Contact: Darlene Brinkley
Site Phone: 830-693-2046
Date: 07/15/2026

Description

Scope of Work: Fire Alarm System Replacement (Wire Reuse)

1. Project Objective

The objective of this project is to replace the existing, obsolete fire alarm control equipment and field devices with a new, fully integrated intelligent addressable fire alarm and emergency communication system.

JM Electronic Engineering shall serve as the designated fire alarm contractor responsible for executing this turnkey replacement. To minimize facility disruption and optimize project costs, all existing field wiring (Signaling Line Circuits, Notification Appliance Circuits, and Power Circuits) will be tested and reused by **JM Electronic Engineering**, provided it meets manufacturer specifications and code requirements.

2. Shared Project Responsibilities & General Terms

- **Contractor Qualifications:** **JM Electronic Engineering** shall provide factory-trained, licensed, and certified technicians to perform all installation, programming, and commissioning activities.
- **Code Compliance:** All work shall be performed in strict accordance with NFPA 72 (National Fire Alarm and Signaling Code), NFPA 70 (National Electrical Code), and all local Amendments enforced by the Authority Having Jurisdiction (AHJ).
- **Working Hours:** All noisy work, drilling, and building-wide notification testing shall be coordinated with the facility manager and performed during pre-approved off-hours to minimize disruption to building occupants.
- **Permits & Fees:** **JM Electronic Engineering** shall secure all necessary electrical and fire alarm permits required by the local AHJ.

3. Detailed Scope of Work

Phase I: Pre-Installation Inspection & Wire Testing

Before any new equipment is terminated, **JM Electronic Engineering** must verify the integrity of the existing wiring infrastructure.

- **Demolition & Isolation:** Safely disconnect and isolate the existing fire alarm panel, amplifiers, power supplies, and all initiation/notification end-devices.

Phase II: Equipment Installation & Device Replacement

JM Electronic Engineering shall supply, install, and program the following new components using the existing wire pathways and backboxes:

A. Main Control Room / Head-End Equipment

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Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
Fire Suppression (ECR-932) Security (B10578401)Page 1/4

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- **Fire Alarm Control Panel:** Install one (1) **IFP-300ECS** Fire Alarm Panel Integrated w/ Emergency Communication System.
- **Amplification:** Install one (1) **ECS-50W** 50W Amplifier (Red enclosure) to drive the emergency voice evacuation system.
- **Surge Protection:** Install one (1) **E120V-GT** 120V Hybrid Surge Protector on the primary dedicated AC power circuit feeding the main panel.
- **System Batteries:** Install two (2) **IM-12180** 12 Volt 18Ah Batteries inside the main enclosure to provide the required 24-hour standby and (or 15-minute) alarm backup capacity.

B. Addressable Initiation & Safety Devices

Remove existing initiation devices and install new addressable units onto the existing SLC loops:

- **Area Smoke Detection:** Install **IDP-Photo** Photoelectric Smoke Detectors utilizing **B300-6-BP** 6" Mounting Bases.
- **Heat Detection:** Install **IDP-Heat** Fixed Temperature Heat Detectors utilizing **B300-6-BP** 6" Mounting Bases.
- **Duct Smoke Detection:** Install **DNR** Addressable 2-Wire Intelligent Non-Relay Duct Detectors coupled with **ST-5** 5-foot Air Sampling Tubes within the designated HVAC supply/return ducts.
- **Specialty Detection:** Install **IDP-PHOTO-R-W** Intelligent Photoelectric Replacement Smoke Detectors with Remote Test capabilities in designated high-ceiling or restricted-access locations.

C. System Modules & Interfaces

- **Monitor Modules:** Install **IDP-Monitor** Addressable Monitor Modules to monitor existing dry-contact safety infrastructure (e.g., fire sprinkler tamper and waterflow switches).
- **Relay Modules:** Install **IDP-RELAY-BP** Addressable Relay Modules to handle ancillary life safety control functions (e.g., magnetic door holders, elevator recall, and fan shutdowns).
- **Control Modules:** Install **IDP-CONTROL** Addressable Supervised Control Modules to manage and supervise auxiliary notification loops or remote speaker zones.

D. Notification Appliances & Physical Protection

- **Audio/Visual Notification:** Install **SPSCRLED-BP10** Ceiling-Mount LED Speaker Strobes (Red) across designated egress paths and common areas.
- **Visual Notification:** Install **SCRLED** System Sensor Ceiling-Mount LED Strobes (Red, marked "FIRE") in areas requiring visual-only notification.
- **Vandalism Protection:** Install **STI-9729** Wire Guard Damage Stoppers (7) over devices located in high-traffic or gym environments prone to physical damage.
- **Power Backup:** Install **IM-1270** Casil 12V 7Ah Batteries in any distributed remote power supplies (if applicable) to maintain local NAC backup sync.

Phase III: Programming, Testing, & Commissioning

- **System Programming:** **JM Electronic Engineering** shall provide custom software programming for the **IFP-300ECS**, including custom alphanumeric alpha-descriptors for every addressable device, mapping out proper input/output matrix logic (e.g., duct detector shutting down the correct RTU).

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- **Pre-Functional Testing:** Perform a 100% acceptance test of all newly installed devices. Verify that speaker audibility and strobe synchronization meet current ADA and NFPA 72 intelligibility standards.
- **AHJ Certification & Final Inspections:** Coordinate, schedule, and successfully pass the formal functional performance test with the local Fire Marshal / AHJ.

4. Project Deliverables & Closeout

Upon successful completion of the project, **JM Electronic Engineering** shall deliver a closeout binder containing:

1. **As-Built Drawings:** A clean set of floor plans showing the exact location and updated addressable loop numbers for all new devices.
2. **NFPA 72 Record of Completion:** The formalized, signed document certifying the system is fully functional.
3. **Operations & Maintenance (O&M) Manuals:** Manufacturer data sheets for the IFP-300ECS panel and all installed System Sensor devices.
4. **Warranty Documentation:** Minimum 1-year contractor warranty certificate on all installation workmanship provided by **JM Electronic Engineering**.

110 - Alarm Service

Part #	Item	Quantity
IFP-300ECS	Fire Alarm Panel Integrated w/ Emergency Communication System	1.00
IM-12180	12 volt 18ah Battery	2.00
E120V-GT	120V Hybrid Surge Protector	1.00
ECS-50W	50W Amplifier, Red	1.00
IM-1270	Casil 12V 7Ah Battery	2.00
SPSCRLED-BP10	Speaker Strobe, LED, Red, Ceiling, Bulk Pack w/10	4.50
SCRLED	System Sensor Ceiling Mount Strobe with LED, FIRE, RED	12.00
STI-9729	Wire Guard Damage Stopper, 7" x 7" x 7"	9.00
IDP-Heat	Fixed Heat Detector	2.00
IDP-Photo	Photo Smoke Detector	16.00
B300-6-BP	6" Mounting Base	2.60
IDP-PULL-DA	Addressable Pull Station, Dual Action, Key Reset	10.00
STI-1100	Stopper II W/ Horn Flush Mount, Fire Label	10.00
DNR	Addressable 2-Wire Intelligent Duct Detector, Non-Relay	11.00
ST-5	5' Air Sampling Tube	11.00
IDP-PHOTO-R-W	Intelligent Photoelectric Replacement Smoke Detector w/Remote Test, White	11.00
IDP-RELAY-BP	IDP Addressable Relay Module: Bulk-Pack	1.10
	Fire Marshal Permit	1.00
	Fire Marshal Inspection Fee	1.00
	Rental Fee	1.00
	Freight	1.00
	Service Labor - Marble Falls ISD (2hr min)	
	PM (Project Mgmt)	
	Service Labor - Marble Falls ISD (2hr min)	
	CAD/Engineering	

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CUSTOMER QUOTATION NO. 1413

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Part #	Item	Quantity
Sub-Total ex Tax		\$30,972.48

We appreciate the opportunity to provide you with this proposal
and look forward to working with you.

Sub-Total ex Tax	\$30,972.48
Tax	\$0.00
Total inc Tax	\$30,972.48

Thank you.

Sign & Date Here: _____

Purchase Order No: _____

Quote is valid for 30 days.

BuyBoard Fire and Security Systems and Monitoring Services 751-24

LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
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DATE: 06/25/2026

Customer Details

Name	Marble Falls ISD
Address	1800 Colt Circle Marble Falls, TX, 78654
Contact	
Telephone	
Email	

CUSTOMER QUOTATION NO. 1379

Site Details

Name	MFISD Marble Falls Middle School
Address	1511 Pony Circle Dr Marble Falls, TX, 78654
Contact	Don Clark
Telephone	(830)613-8677
Email	Dclark@mfisd.txed.net

Job Overview: Job #26157

-**Status:** Yellow Tagged (Multiple uncorrected deficiencies from the previous inspection + new deficiencies found by Julien Padilla on 06/24/2026).

-**Property Type:** School

-**Customer Status:** Notified; report has been sent.

-**Key Operational Constraint:** Draining required for 3 risers. The school has limited drains, which will slow down the draining process.

Labor Estimate & Logistics

-**Crew:** 2 Technicians

-**Estimated Duration:** 2 Days

-**Special Equipment Needed:** High-reach lift (required for the high ceilings in the Music Auxiliary Hall).

New Deficiencies (Julien Padilla - 06/24/2026)

Repair or replace the Water Motor Gong that is currently not operating. Install 2 missing Auxiliary Drain Signs. Replace dirty or loaded Kitchen Heads. Replace miscellaneous missing Escutcheons.

Kitchen & Cafeteria Area In the kitchen near the eye wash station, a missing escutcheon needs to be installed. In the kitchen dish washing area, another missing escutcheon is required. Near serving gate 2 in the kitchen, there is a third missing escutcheon. The kitchen restroom has a loaded head that needs replacement. The freezer contains a corroded dry head that requires the 12" long, 200° dry head pendent. Near cafeteria B125, just before door 28, there is a missing escutcheon. Lastly, in the women's restroom 316 near the cafeteria, a loaded head must be replaced.

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Service Areas | Austin • San Antonio • Waco

Licenses | Alarm: ACR-1750618 Sprinkler: SCR-0121 Extinguisher: ECR-932 Security: B08883 UL Fire Alarm Certification: S8000



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Music & Main Building Areas Music practice room 6 requires a replacement for a missing escutcheon. The music auxiliary hall has two high-up deficiencies that will likely require a lift: one corroded escutcheon and one missing escutcheon. Above the concession stand located before the gym, there is a missing escutcheon. In the entrance near the board of trustees sign, an escutcheon is missing. Above the trophy display, there is a missing escutcheon and a painted head. Inside storage room 108 within the nurse's office, there is also a missing escutcheon and a painted head.

Hallways & Classrooms Located before the elevator next to weight room E101, there is a bent head that needs replacement. In the hallway near room B110, there is a loaded head. On the second floor hallway near room A213, there is a loaded head. Room A229 on the second floor has a loaded head. Room A214 on the second floor also has a loaded head.

Gym & Athletics Wing In front of gym E114 and office E102, a bent head needs to be replaced. Inside trainer room E119, there is a missing escutcheon. In the lady coach's office E116, there is a bent head. In the boys locker room E121, above locker 151, an escutcheon is missing. In the girls locker room E115, above locker 205, an escutcheon is also missing.

Reminder: All deficiencies—both new and historic—must be fully corrected and verified before the yellow tags can be legally removed and the system cleared.

12236 - 210 - Sprinkler Service

Item	Qty.	Price
Reliable Model C Sprinkler Alarm	1.00	\$1,160.49
(16) 1/2" chrome 2 pc escutcheons	1.00	\$460.00
(4) 3/4" chrome 2 pc escutcheon	1.00	\$138.00
17/32 TY-FR 3MM Pendant White PLY 1 TY4231	4.00	\$23.03
1/2", K5.6, 200 Deg, Chrome Pendant, QR, TY323	6.00	\$13.45
"Auxiliary Drain" Sign, 6" x 2"	2.00	\$3.77
F3QR, Dry Chrome Pendant, 200 Deg, 12"	1.00	\$212.54
Travel & Mileage Charge: Marble Falls ISD	2.00	\$150.00
24-26 ft. Scissor Lift, Electric, Narrow (1 Day)	1.00	\$1,090.11

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Licenses | Alarm: ACR-1750618 Sprinkler: SCR-0121 Extinguisher: ECR-932 Security: B08883 UL Fire Alarm Certification: S8000



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UR Rental Environmental Misc. Estimated taxes	delivery & Protection	pickup Plan fee charges		
Fire Sprinkler Service Tech			16.00 hrs	
Fire Sprinkler Service Tech			16.00 hrs	

Sub-Total \$9,941.50

Sales Tax 8.25% \$0.00

Grand Total \$9,941.50

We appreciate the opportunity to provide you with this proposal and look forward to working with you.
Please contact us if you have any queries regarding this quote.

IMPORTANT NOTICE TO CUSTOMER

A. Additional Work: Additional work performed for the Customer by JMEE (beyond the work set out in the above scope of work section) will be included in subsequent invoices and shall be governed by and subject to all of the terms and conditions of this Agreement.

B. Code Compliance: JMEE does not undertake an obligation to inspect for code compliance unless explicitly stated in the above scope of work.

C. Terms of Payment: Payment terms require a **50% down payment**, with the remaining **balance due net thirty (30) days** from the date of invoice unless specified differently above.

D. Complete Agreement: This agreement consists of this page and the attached Terms and Conditions, representing the complete agreement between the parties. The Customer acknowledges that they have read this agreement, understand it, and agree to be bound by its terms. Neither party shall be bound by any statements or representations not contained herein.

Prepared and sent to you by James J Moore Email: jj@jmee.com

My signature below is approval for this proposal and a PO# will follow along with down payment if applicable.

Quote is valid for 30 days. BuyBoard Fire and Security Systems and Monitoring Services 751-24

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Service Areas | Austin • San Antonio • Waco

Licenses | Alarm: ACR-1750618 Sprinkler: SCR-0121 Extinguisher: ECR-932 Security: B08883 UL Fire Alarm Certification: S8000



Don Clark
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1800 Colt Circle
Marble Falls TX 78654

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CUSTOMER QUOTATION NO. 1411

Quote No: 1411
Site: MFISD Marble Falls HS Weight Room
Site Contact: Darlene Brinkley
Site Phone: 830-693-2046
Date: 07/14/2026

Description

Project Scope & Execution Plan: Essential Fire Alarm Control Panel Replacement

This comprehensive project is initiated to address a critical vulnerability within the facility's life safety infrastructure. The core objective is the swift and systematic replacement of the current, defective fire alarm control panel to restore full operational capacity, ensure compliance with all regulatory mandates, and safeguard the occupants and property.

-----1. Problem Diagnosis and Technical Solution Detail

1.1. Identified Critical Issue

The existing fire alarm control panel (FACP) has experienced a confirmed, unrecoverable hardware failure. This defect significantly compromises the building's ability to reliably and automatically detect, initiate, and report any fire-related emergency event. Continued operation with the current system is a direct threat to life safety and constitutes a non-compliance issue.

1.2. Corrective Technical Action

The scope includes the systematic, safe, and professional removal of the existing, non-functional FACP. This will be immediately followed by the installation and physical mounting of a **new, factory-certified, and modern fire alarm control panel**. The new unit will be selected to meet or exceed the performance specifications of the old system while incorporating the latest advances in fire safety technology.

1.3. System Migration and Programming

A key phase of the replacement is the meticulous migration of all pre-existing device programming. This process ensures the seamless transfer of logical mapping and identification data for every connected life safety component. This includes, but is not limited to, all:

- Smoke and heat detectors.
- Manual pull stations.
- Notification appliances (horns, strobes, speakers).
- Ancillary relays and control modules.

This programming phase is essential to guarantee that the new hardware recognizes, monitors, and controls all field devices exactly as required, maintaining the intended coverage and response profile of the original system design.

-----2. Compliance, Testing, and Warranty Assurance

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Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
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CUSTOMER QUOTATION NO. 1411

2.1. System Verification and Functional Testing

Upon successful installation and programming, a certified and qualified technician, holding all necessary state and local licenses, will execute a rigorous **full system functional test**. This comprehensive testing procedure will be performed strictly in accordance with the current edition of **NFPA 72 (National Fire Alarm and Signaling Code)** standards. This process will verify that every system component communicates correctly, activates properly, and the system performs its primary function under simulated alarm conditions.

2.2. Formal Certification and Documentation

Following successful completion of the NFPA 72 testing, formal documentation will be prepared and delivered. This certification package will be presented to the building owner and/or the **Authority Having Jurisdiction (AHJ)**, confirming that the newly installed system meets all current jurisdictional life safety codes and standards.

2.3. Project Warranty Coverage

The executed work and installed products are backed by the following limited warranties, effective from the date the final system certification is issued:

- **Labor Warranty:** A **One (1) Year** warranty covering the quality of all installation, programming, and commissioning labor performed by our technicians.
- **Hardware Warranty:** A **One (1) Year** manufacturer's or distributor's warranty specifically covering the Main Fire Alarm Control Panel hardware against defects in material and workmanship.

-----3. Explicit Exclusions (Items Outside the Defined Scope)

To ensure the quoted price remains firm and the scope is manageable, the following items are **explicitly not included** in this proposal. These activities and costs remain the sole responsibility of the owner or a designated third-party contractor.

- 1. Civil/Structural/Aesthetic Work:** This scope is strictly limited to the electrical and life safety panel replacement. It specifically excludes all associated general construction or aesthetic repair work, including:
 - Installation or modification of conduit, raceways, or protective sleeving.
 - Installation of back boxes, T-bar supports, or hanging infrastructure.
 - All wall penetrations, coring (drilling of large holes), fire caulking, patching, painting, and wall/ceiling repairs necessitated by the panel swap.
- 2. Premium/Off-Hours Labor:** The quoted price is based on work performed during standard business hours (e.g., Monday-Friday, 8:00 AM - 5:00 PM). It excludes any costs for overtime, after-hours work, weekend scheduling, "fast-track" or expedited project scheduling, or specialized project bonding fees.
- 3. Regulatory Design Changes:** Any subsequent design modifications, equipment changes, or additional testing mandated by the **AHJ (Authority Having Jurisdiction)** during the required submittal, review, or final approval process.
- 4. Administrative and Digital Data Acquisition:** Costs or labor associated with acquiring, formatting, or revising CAD background drawings, architectural files, or as-built documentation.
- 5. Dedicated Electrical Service:** The provision of the required **120VAC dedicated branch circuits** to

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CUSTOMER QUOTATION NO. 1411

power the new control panel and/or any associated power supply panels is excluded. This must be supplied by a licensed electrical contractor prior to our installation.

- 6. External Communications Infrastructure:** The provision and installation of communication cabling (e.g., phone lines, network lines, fiber) required for off-site monitoring services is not included.
- 7. Proposal Validity:** Due to the current volatility and fluctuation of material costs in the fire alarm industry, this proposal is subject to mandatory re-evaluation and potential price adjustment if it is **not formally accepted and signed within thirty (30) calendar days** from the date of issuance.
- 8. Formal Submittals:** The preparation and submission of a comprehensive formal submittal package (including detailed shop drawings, calculations, and product data sheets) have not been incorporated into the cost of this initial replacement proposal.

-----4. Financial Terms and Project Scheduling

- **Initial Deposit Requirement:** A **Fifty Percent (50%) down payment** of the total quoted project cost is strictly required. This deposit is necessary to cover the immediate procurement of the specialized fire alarm control panel hardware and to formally commence the project schedule.
- **Progress Billing:** **JM Electronic Engineering Inc.** explicitly reserves the right to issue and invoice for work completed in discrete stages. For example, progress invoices may be issued for the successful installation and wiring of the hardware prior to the final AHJ witness inspection and sign-off.

Final Balance: The outstanding final balance of the project cost is due and payable under **Net 30 days** terms from the date indicated on the final invoice.

110 - Alarm Service

Exclusions:

1. Conduit, raceways, back boxes, T-bar supports, penetrations, coring, fire caulking, patching, painting and wall repairs.
2. Overtime, after hours, fast track or bonding fees.
3. Changes to the design by the AHJ during the submittal approval process.
4. Any costs associated with acquiring CAD background drawings.
5. 120VAC dedicated branch circuits to control and power supply panels.
6. Communications cable for off site monitoring.
7. Proposal pricing must be evaluated after 30 days due to material price fluctuations

Part #	Item	Quantity
IFP-75	75PT Addressable Fire Panel, Red	1.00
E120V-GT	120V Hybrid Surge Protector	1.00
T32-DG	Low Voltage Surge Protector	3.00
SK-NIC	Network Interface Card	1.00
	Service Labor - Marble Falls ISD (2hr min)	
Sub-Total ex Tax		\$3,861.97

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CUSTOMER QUOTATION NO. 1411

We appreciate the opportunity to provide you with this proposal
and look forward to working with you.

Sub-Total ex Tax	\$3,861.97
Tax	\$0.00
Total inc Tax	\$3,861.97

Thank you.

Sign & Date Here: _____

Purchase Order No: _____

Quote is valid for 30 days.

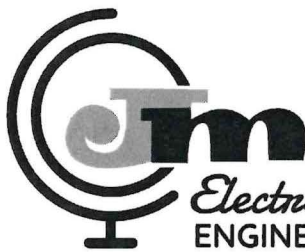
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Electronic
ENGINEERING, Inc.

CHANGE ORDER CUSTOMER QUOTATION NO. 1385

Eric Humiston
Marble Falls ISD
1800 Colt Circle
Marble Falls TX 78654

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P.O. Box 397, Round Rock, TX 78680

Quote No: 1385 CO. Job #26152
Site: MFISD Marble Falls High School
Site Contact: Darlene Brinkley
Site Phone: 830-693-2046
Date: 06/29/2026

Description

SCOPE OF WORK

Property/Site Details:

- **Property Name:** MFISD Marble Falls High School
- **Site Address:** 2101 Mustang Dr, Marble Falls, TX 78654
- **Inspection Date:** June 26, 2026
- **Inspecting Contractor:** JM Electronic Engineering, Inc.

Project Overview

The fire sprinkler systems at the campus were found to have various deficiencies resulting in several systems being "Yellow Tagged" (Non-Compliance with Code). This Scope of Work covers the required materials, labor, and testing necessary to clear all outstanding deficiencies and return the systems to a compliant, code-passing status.

Detailed Scope of Work by System Area1. Auditorium System Repairs

- **5-Year Maintenance Requirements:** Perform the mandatory 5-year internal pipe inspection and the 5-year Fire Department Connection (FDC) hydrostatic testing.
- **Sprinkler Head Modifications:** * Replace and/or extend five (5) sprinkler heads located in the girls' locker room to ensure proper depth and coverage.
- Replace and/or extend one (1) sprinkler head located in Room 608J.
- **Trim & Mechanical Adjustments:**
 - Install one (1) missing escutcheon cup/skirt before Gate 25.
 - Install one (1) missing escutcheon cup/skirt in the boys' changing room.
 - De-clog and clear out the foreign obstruction (bird's nest) from the water motor gong assembly to restore mechanical alarm function.

2. Gym Limited Sprinkler System Repairs

(Located on the 2nd floor behind door 543/532 near the dance/golf storage area)

- **Signage:** Provide and install a permanent code-compliant identification sign for the "Control Valve".
- **Electrical/Monitoring Device:** Provide and replace the faulty/failed control valve tamper switch to ensure operational supervisory signals report properly to the main fire alarm control panel.

3. Kitchen Limited System Repairs (North Boiler Cafe)

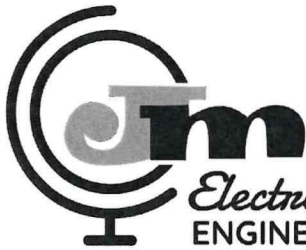
(Located outdoors behind the kitchen, door labeled 500H)

LICENSES

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ENGINEERING, Inc.**

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CHANGE ORDER CUSTOMER QUOTATION NO. 1385

- **Signage:** Provide and install a permanent code-compliant identification sign for the system "Control Valve".

Exclusions & Notes

- **South Boiler by Band/Art:** This system was found free of deficiencies ("Blue Tagged") and is excluded from this scope of work.
- **Testing & Tagging:** Upon completion of all physical repairs and component replacements, the contractor will perform a functional system re-test to verify operational readiness, remove the "Yellow" non-compliance tags, and place the systems back into fully compliant service.

5-Year Internal Pipe Inspection:

A 5-year internal pipe inspection, also known as an internal assessment, is a crucial maintenance requirement for fire sprinkler systems mandated by the National Fire Protection Association (NFPA) 25.

This inspection is designed to ensure that the pipes within your fire sprinkler system are free of any obstructions that could impede the flow of water in the event of a fire.

What Happens During a 5-Year Internal Pipe Inspection?

- **Opening and Inspection:** A qualified technician will open specific points in the system, such as the end of a main pipe or a sprinkler head near the end of a branch line. They'll then visually inspect the interior of the pipes for any signs of foreign material, corrosion, or damage.
- **Checking for Obstructions:** The technician will look for any buildup of rust, debris, or other substances that could block the flow of water. They'll also check for signs of microbiologically influenced corrosion (MIC), which can weaken the pipes and lead to leaks.
- **Further Investigation (If Necessary):** If the technician finds any significant obstructions or damage, they may recommend a more thorough investigation, known as an obstruction investigation. This could involve flushing the pipes or even replacing sections of the system.

5-Year FDC Hydro Inspection:

A **5-year Fire Department Connection (FDC) inspection** is a critical maintenance requirement mandated by **NFPA 25** (Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems).

Visual Inspection & Physical Components

Before the internal testing, a thorough check of the exterior hardware is performed:

- **Identification:** Ensure the FDC is clearly labeled (e.g., "Standpipe" or "Autosprinkler") and visible to the fire department.
- **Access:** Verify there are no obstructions (bushes, fences, or vehicles) blocking access.
- **Couplings & Swivels:** Check that swivels rotate freely and gaskets are in good condition.
- **Caps & Plugs:** Ensure protective caps are in place to prevent debris or critters from entering the pipe.
- **Check Valve:** Inspect the exterior of the check valve for leaks or corrosion.

Internal Pipe Inspection (The "Obstruction Investigation")

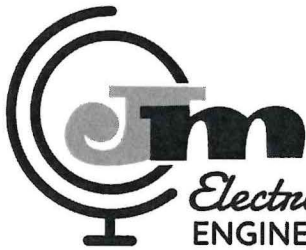
This is the core requirement of the 5-year cycle. The goal is to ensure that when the fire department pumps water

LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
Fire Suppression (ECR-932) Security (B10578401)Page 2/4

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CHANGE ORDER CUSTOMER QUOTATION NO. 1385

into your building, it actually reaches the fire.

- **Backflush or Internal Exam:** The piping must be inspected for internal obstructions. This is often done by removing the FDC head or the check valve.
- **Debris Removal:** Technicians look for rocks, bird nests, trash, or "mic" (microbiologically influenced corrosion) that could clog the system.
- **Check Valve Operation:** The internal clapper of the check valve is inspected to ensure it moves freely and seats properly (so water doesn't leak back out of the FDC when the system is pressurized).

Hydrostatic Testing (If Applicable)

Depending on the system type (specifically for manual standpipes), a hydrostatic pressure test may be required:

- **Pressure Load:** The FDC piping is pressurized (typically at 200 psi or 50 psi above max working pressure) for two hours.
- **Leak Detection:** The system must maintain this pressure without significant drops, confirming the underground or wall-enclosed piping hasn't breached.

Documentation & Labeling

- **Tagging:** A new 5-year service tag should be attached to the riser.
- **Report:** A detailed NFPA 25-compliant report must be provided to the building owner to be kept on file for the Fire Marshal.

210 - Sprinkler Service

MATERIAL ESCALATION

With the continued volatility in the steel industry, we are able to hold our above pricing for (30) days, from the above proposal date, to cover current material cost escalations. All future and unknown steel material cost increases will be reviewed on an individual project basis.

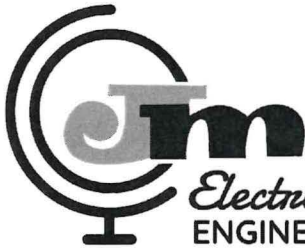
Part #	Item	Quantity
	Fire Sprinkler Wet - 5 Year - First Riser	1.00
	Fire Sprinkler - Five Year FDC Test	1.00
A143	Control Valve Sign, 6" x 2"	1.00
531129165	165 Deg 1/2" Fusable Link Pendent, Chrome	5.00
0120100	1/2" Chrome Cup Style 401	5.00
0120101	1/2"-3/4" Chrome Skirt Style 401	5.00
SG3	Air/Water Gauge, 0-300 psi	4.00
OSYSU-2	Outside Screw & Yoke, Supervisory Switch (Double switch)	1.00
	Travel & Mileage Charge: Marble Falls	1.00
	Service Labor	
	Service Labor	
Sub-Total ex Tax		\$4,592.41

LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
Fire Suppression (ECR-932) Security (B10578401)Page 3/4

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CHANGE ORDER CUSTOMER QUOTATION NO. 1385

We appreciate the opportunity to provide you with this proposal
and look forward to working with you.

Sub-Total ex Tax	\$4,592.41
Tax	\$0.00
Total inc Tax	\$4,592.41

Thank you.

Sign & Date Here: _____

Purchase Order No: _____

Quote is valid for 30 days.

BuyBoard Fire and Security Systems and Monitoring Services 751-24

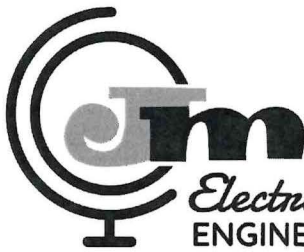
LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
Fire Suppression (ECR-932) Security (B10578401)

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CHANGE ORDER CUSTOMER QUOTATION NO. 1386

Eric Humiston
Marble Falls ISD
1800 Colt Circle
Marble Falls TX 78654

Quote No: 1386 CO. Job #26153
Site: MFISD Marble Falls HS Admin Area
Site Contact: Darlene Brinkley
Site Phone: 830-693-2046
Date: 06/29/2026

Description

REPAIR QUOTE & SCOPE OF WORK

Property/Site Details:

- **Property Name:** MFISD Marble Falls HS Admin Area
- **Site Address:** 2101 Mustang Dr., Marble Falls, TX 78654
- **Inspection Date:** June 26, 2026
- **Inspecting Contractor:** JM Electronic Engineering, Inc.
- **System Type:** Wet Fire Sprinkler System (1-1/2" Riser)

Project Overview

During the recent annual inspection, the fire sprinkler system protecting the Admin Area was found to have multiple code deficiencies, resulting in the system being "Yellow Tagged" (Non-Compliance with Code). This Scope of Work outlines the necessary labor, equipment, and materials required to correct these deficiencies, clear the yellow tag, and return the system to full code compliance.

Detailed Scope of Work

1. 5-Year Maintenance Testing

- **Internal Pipe Inspection:** Perform the mandatory NFPA 5-year internal pipe inspection to check for microbiological induced corrosion (MIC) or obstruction material.
- **FDC Hydrostatic Test:** Conduct the required 5-year hydrostatic pressure test on the Fire Department Connection (FDC) piping.

1. Component Replacements & Corrections

- **System Pressure Gauges:** Supply and replace all system water pressure gauges, as the current gauges are over 5 years old and out of compliance.
- **Sprinkler Head Replacements:** * Provide labor and materials to replace one (1) defective sprinkler head located in Collaboration Room 1-933 inside the library.
- Provide labor and materials to replace one (1) defective sprinkler head located in the corridor between Collaboration Rooms 2 and 3 inside the library.
- **Sprinkler Head Realignment:** Correct and adjust one (1) badly angled sprinkler head located inside the Black Box Theatre storage room to ensure proper spray distribution.
- **Trim/Escutcheon Installation:** * Supply and install one (1) missing escutcheon cup/skirt in the eating area located before the library entrance.

LICENSES

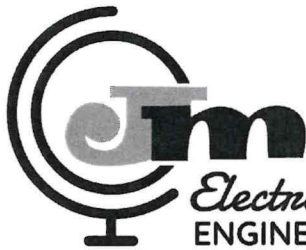
Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
Fire Suppression (ECR-932) Security (B10578401)

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CHANGE ORDER CUSTOMER QUOTATION NO. 1386

- **Note:** Due to the high elevation of this component, a scissor lift will be utilized to safely complete this portion of the work.

Execution & Closeout

- **System Drain-Down & Refill:** Secure, isolate, and drain the 1-1/2" system riser as required to safely perform the mechanical head and gauge replacements.
- **Final Testing & Tagging:** Upon completion of all physical repairs and 5-year testing, the contractor will perform operational testing to verify system integrity. Once verified free of deficiencies, the "Yellow" non-compliance tag will be removed and replaced with a compliant system tag.

5-Year Internal Pipe Inspection:

A 5-year internal pipe inspection, also known as an internal assessment, is a crucial maintenance requirement for fire sprinkler systems mandated by the National Fire Protection Association (NFPA) 25. This inspection is designed to ensure that the pipes within your fire sprinkler system are free of any obstructions that could impede the flow of water in the event of a fire.

What Happens During a 5-Year Internal Pipe Inspection?

- **Opening and Inspection:** A qualified technician will open specific points in the system, such as the end of a main pipe or a sprinkler head near the end of a branch line. They'll then visually inspect the interior of the pipes for any signs of foreign material, corrosion, or damage.
- **Checking for Obstructions:** The technician will look for any buildup of rust, debris, or other substances that could block the flow of water. They'll also check for signs of microbiologically influenced corrosion (MIC), which can weaken the pipes and lead to leaks.
- **Further Investigation (If Necessary):** If the technician finds any significant obstructions or damage, they may recommend a more thorough investigation, known as an obstruction investigation. This could involve flushing the pipes or even replacing sections of the system.

5-Year FDC Hydro Inspection:

A **5-year Fire Department Connection (FDC) inspection** is a critical maintenance requirement mandated by **NFPA 25** (Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems).

Visual Inspection & Physical Components

Before the internal testing, a thorough check of the exterior hardware is performed:

- **Identification:** Ensure the FDC is clearly labeled (e.g., "Standpipe" or "Autospinkler") and visible to the fire department.
- **Access:** Verify there are no obstructions (bushes, fences, or vehicles) blocking access.
- **Couplings & Swivels:** Check that swivels rotate freely and gaskets are in good condition.
- **Caps & Plugs:** Ensure protective caps are in place to prevent debris or critters from entering the pipe.
- **Check Valve:** Inspect the exterior of the check valve for leaks or corrosion.

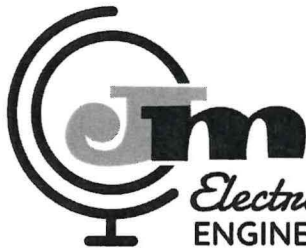
LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
Fire Suppression (ECR-932) Security (B10578401)

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CHANGE ORDER CUSTOMER QUOTATION NO. 1386

Internal Pipe Inspection (The "Obstruction Investigation")

This is the core requirement of the 5-year cycle. The goal is to ensure that when the fire department pumps water into your building, it actually reaches the fire.

- **Backflush or Internal Exam:** The piping must be inspected for internal obstructions. This is often done by removing the FDC head or the check valve.
- **Debris Removal:** Technicians look for rocks, bird nests, trash, or "mic" (microbiologically influenced corrosion) that could clog the system.
- **Check Valve Operation:** The internal clapper of the check valve is inspected to ensure it moves freely and seats properly (so water doesn't leak back out of the FDC when the system is pressurized).

Hydrostatic Testing (If Applicable)

Depending on the system type (specifically for manual standpipes), a hydrostatic pressure test may be required:

- **Pressure Load:** The FDC piping is pressurized (typically at 200 psi or 50 psi above max working pressure) for two hours.
- **Leak Detection:** The system must maintain this pressure without significant drops, confirming the underground or wall-enclosed piping hasn't breached.

Documentation & Labeling

- **Tagging:** A new 5-year service tag should be attached to the riser.
- **Report:** A detailed NFPA 25-compliant report must be provided to the building owner to be kept on file for the Fire Marshal.

TERMS OF PAYMENT ARE 50 % DOWN with BALANCE DUE NET THIRTY (30) DAYS FROM DATE OF INVOICE(OR AS INDICATED ABOVE). Invoices may be rendered on a progress basis for work completed through the date of invoicing, and purchaser agrees to pay such progress.

210 - Sprinkler Service

MATERIAL ESCALATION

With the continued volatility in the steel industry, we are able to hold our above pricing for (30) days, from the above proposal date, to cover current material cost escalations. All future and unknown steel material cost increases will be reviewed on an individual project basis.

Part #	Item	Quantity
	Fire Sprinkler Wet - 5 Year - First Riser	1.00
	Fire Sprinkler - Five Year FDC Test	1.00
775719155	155 Deg 1/2" Standard Response Pendent, Chrome	2.00
EP10	2-Piece Chrome Escutcheon Ring	2.00
SG3	Air/Water Gauge, 0-300 psi	2.00
	Travel & Mileage Charge: Marble Falls	1.00
	Service Labor	

LICENSES

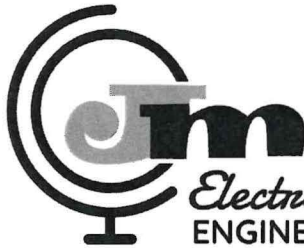
Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
Fire Suppression (ECR-932) Security (B10578401)

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CHANGE ORDER CUSTOMER QUOTATION NO. 1386

210 - Sprinkler Service

Part #	Item	Quantity
	Service Labor	
Sub-Total ex Tax		\$4,120.77

We appreciate the opportunity to provide you with this proposal
and look forward to working with you.

Sub-Total ex Tax	\$4,120.77
Tax	\$0.00
Total inc Tax	\$4,120.77

Thank you.

Sign & Date Here: _____

Purchase Order No: _____

Quote is valid for 30 days.

BuyBoard Fire and Security Systems and Monitoring Services 751-24

LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
Fire Suppression (ECR-932) Security (B10578401)Page 4/4

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PLEASE PAY BY	AMOUNT	INVOICE DATE
07/25/2026	\$25,808.85	06/25/2026

INVOICE NO. 22716

Marble Falls ISD
1800 Colt Circle
Marble Falls TX 78654

Job No.: 26169
Job Name: Fire Alarm
Site: MFISD Marble Falls Middle School
Site Address: 1511 Pony Circle Dr
Marble Falls TX 78654
Order No.:

Description

Asset ID 6988 - Asset Type Fire Alarm - Service Level Annual

120 - Alarm Test

Service Tech Zachary Chavira (06/25/2026)

Fire alarm inspection complete.

Item	Quantity	Unit Price	Tax	Total
Fire Alarm Inspection	1.00	\$1,392.00	0%	\$1,392.00
Service Labor	4.25 hrs	\$150.00	0%	\$637.50

110 - Duct Detector and Shutdown Service

Service Tech Zachary Chavira (6/25/2026)

Service Performed: Replaced Multiple materials

During the fire alarm inspection, replaced (1) MM Material Disc, (6) Duct Detectors, (7) Relay modules, and (2) 2.5' tubing. Inspection complete.

Item	Quantity	Unit Price	Tax	Total
Travel & Mileage Charge: Marble Falls ISD	10.00	\$150.00	0%	\$1,500.00
Material Misc	1.00	\$2.30	0%	\$2.30
Addressable 2-Wire Duct Detector	6.00	\$920.00	0%	\$5,520.00
Addressable Relay module	7.00	\$1,023.50	0%	\$7,164.50
Sampling Tube for 2.5' to 5.0'	2.00	\$105.57	0%	\$211.14
Service Labor	60.00 hrs	\$150.00	0%	\$9,000.00

- **Maintenance Inspection Billing Schedule:** Your maintenance inspections are billed at the beginning of the month they are scheduled, with payment due within 30 days (Net 30 terms).
- **Contact Information:** For any invoice-related questions email info@jmee.com
- **Credit Card Processing:** A 3.5% credit card surcharge/convenience fee will be added to credit card payments.
- **Service Discontinuation:** If your payment is late, your maintenance services may be stopped.
- **1.5% Monthly Fee:** A 1.5% monthly fee (18% annually) may apply to invoices unpaid after 30 days.
- **Service Rates and Truck Charge:** Price increase went into effect June 1, 2026. Call your sales service manager for further details.

LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
Fire Suppression (ECR-932) Security (B10578401)

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COMMITTED TO SAFER COMMUNITIES

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P.O. Box 397, Round Rock, TX 78680

PLEASE PAY BY	AMOUNT	INVOICE DATE
07/25/2026	\$25,808.85	06/25/2026

INVOICE NO. 22716

Sub-Total ex Tax	\$25,427.44
Tax	\$0.00
Total inc Tax	\$25,427.44
Late Payment Fee	\$381.41
Amount Applied	\$0.00
Balance Due	\$25,808.85

How To Pay



Mail

Detach this section and mail check to:

JM Electronic Engineering, Inc.
1934 Waukesha Drive
Pflugerville, Texas 78660



Direct Deposit

Bank **Huntington Bank**
Acc. Name **Operating**
Routing Number **044000024**
Acc. No. **01879015856**

INVOICE NO. 22716

DUE DATE: 07/25/2026 AMOUNT DUE: \$25,808.85



Credit Card (MasterCard or Visa)

Pay Online

PAY NOW

Please call 512-244-1212 to pay over the phone.

LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
Fire Suppression (ECR-932) Security (B10578401)

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COMMITTED TO SAFER COMMUNITIES

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PLEASE PAY BY

08/23/2026

AMOUNT

\$9,150.95

INVOICE DATE

07/24/2026

INVOICE NO. 22457

Marble Falls ISD
1800 Colt Circle
Marble Falls TX 78654

Job No.: 27247
Job Name: Pull Station False Alarm
Site: MFISD Colt Elementary School
Site Address: 2200 Mazano Mile
Marble Falls TX 78654
Order No.:

Description

Service Call: Service was requested by Richard for pull station false alarm.

110 - Alarm Service

Zachary Chavira (07/20/2026)

- Panel had power off on arrival
- Reconnected batteries and main vac power
- Downloaded old panel program
- Panel goes into a boot loop when batteries are disconnected
- Disconnected main vAC from old ifp-1000 and removed from panel cabinet
- Installed replacement IFP-1000
- Replacement panel exhibits same issues as the old one.
- Got another replacement IFP-1000 and installed into FACP cabinet.
- Panel functions steady and normal
- Jumpstart programmed the panel
- Programmed in duct detectors, clss phone lines, kitchen hoods, riser room wf/tampers, and a select few smoke detector heads around the school.

Zachary Chavira (07/21/2026)

- Powered on panel
- P77 alarm
- Translated ver9 software to ver15 and uploaded to panel
- Changed beam detectors from manual pull to detector switch in program to reduce confusion about the cause of the alarm
- Verified monitoring is receiving FACP signal
- Disabled AV's
- Full system test
- Found HVAC unit not shutting down in alarm
- Reconnected unit at roof, re-wired to match N/C normal condition

Zachary Chavira (07/22/2026)

- Placed system in test
- Cleaned beam detector reflectors
- Moved relay m33:p69 contacts to N/C
- M31:P43 trouble aux power loss
- 5499 booster in main hall elec room intermittently loses AC power sensing, triggering the trouble relay, AC power present at board, dc power on board terminals present, triggering any trouble (open circuit, batteries, etc.) at the

LICENSES

Fire Alarm (AGR-1750618) Fire Sprinkler (SCR-G-0121)
Fire Suppression (ECR-932) Security (B10578401)Page 1/3

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PLEASE PAY BY

08/23/2026

AMOUNT

\$9,150.95

INVOICE DATE

07/24/2026

INVOICE NO. 22457

board fixes this issue temporarily

-Possibly due to actual intermittent power loss or the panel having internal faults

-Look into replaced the 5499 and adding a surge protector

Zachary Chavira (07/23/2026)

-Placed system in test

-Disconnected 5499 power

-Dismounted 5499 and hardware from wall

-Re-sized and moved existing conduit

-Dismounted 5815xl can

-Mounted HPF-PS10, 5815, and relay j boxes to wall

-Surge protector installed

-Wired and configured dip switches

-Tested NAC circuits attached to HPF-PS10

-Main FACP normal.

Zachary Chavira (07/24/2026)

-NAC mod for b3 shorted

-Placed system in test

-SD500-ANM was being used to monitor aux power out on old 5499

-Replaced with SD500-AIM to monitor all trouble outputs on HPF-PS10 to fix false troubles

-Reprogrammed m31:p43 to a trouble switch supervisory

-Tested

-Verified monitoring for supervisory and changed monitoring side naming.

-Tagged

-Panel normal

Item	Quantity	Unit Price	Tax	Total
Travel & Mileage Charge: Marble Falls ISD	5.00	\$150.00	0%	\$750.00
Power Supply: Red Cabinet: 10 Amps: 7 Outputs	1.00	\$1,055.45	0%	\$1,055.45
Addressable Notification Module	1.00	\$425.50	0%	\$425.50
PC board for IFP-1000	1.00	\$4,120.00	0%	\$4,120.00
Service Labor - Marble Falls ISD (2hr min)	20.00 hrs	\$140.00	0%	\$2,800.00

- **Maintenance Inspection Billing Schedule:** Your maintenance inspections are billed at the beginning of the month they are scheduled, with payment due within 30 days (Net 30 terms).
- **Contact Information:** For any invoice-related questions email info@jmee.com
- **Credit Card Processing:** A 3.5% credit card surcharge/convenience fee will be added to credit card payments.
- **Service Discontinuation:** If your payment is late, your maintenance services may be stopped.
- **1.5% Monthly Fee:** A 1.5% monthly fee (18% annually) may apply to invoices unpaid after 30 days.
- **Service Rates and Truck Charge:** Price increase went into effect June 1, 2026. Call your sales service manager for further details.

LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
Fire Suppression (ECR-932) Security (B10578401)Page 2/3

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PLEASE PAY BY

AMOUNT

INVOICE DATE

08/23/2026

\$9,150.95

07/24/2026

INVOICE NO. 22457

Sub-Total ex Tax	\$9,150.95
Tax	\$0.00
Total inc Tax	\$9,150.95
Amount Applied	\$0.00
Balance Due	\$9,150.95

How To Pay

INVOICE NO. 22457



Mail

Detach this section and mail check to:

JM Electronic Engineering, Inc.
1934 Waukesha Drive
Pflugerville, Texas 78660



Direct Deposit

Bank **Huntington Bank**
Acc. Name **Operating**
Routing Number **044000024**
Acc. No. **01879015856**

DUE DATE: 08/23/2026 AMOUNT DUE: \$9,150.95



Credit Card (MasterCard or Visa)

Pay Online jmee.simprosuite.com/payment/
Please call 512-244-1212 to pay over the phone.

LICENSES

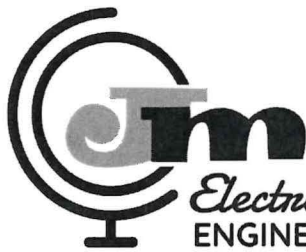
Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
Fire Suppression (ECR-932) Security (B10578401)

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CHANGE ORDER CUSTOMER QUOTATION NO. 1400

Eric Humiston
Marble Falls ISD
1800 Colt Circle
Marble Falls TX 78654

Quote No: 1400 CO. Job #26149
Site: MFISD Colt Elementary School
Site Contact: Darlene Brinkley
Site Phone: 830-693-2046
Date: 07/08/2026

Description

REPAIR QUOTE & SCOPE OF WORK

Property/Site Details:

- **Property Name:** MFISD Colt Elementary School
- **Site Address:** 22200 Mazano Mile, Marble Falls, TX 78654
- **Inspection Date:** June 26, 2026
- **Inspecting Contractor:** JM Electronic Engineering, Inc.
- **System Type:** (2) Wet Fire Sprinkler Systems (4" Riser)

Project Overview

During the recent annual inspection, the fire sprinkler systems was found to have multiple code deficiencies, resulting in the system being "Yellow Tagged" (Non-Compliance with Code). This Scope of Work outlines the necessary labor, equipment, and materials required to correct these deficiencies, clear the yellow tag, and return the system to full code compliance.

Detailed Scope of Work

- **Internal Pipe Inspection:** Perform the mandatory NFPA 5-year internal pipe inspection to check for microbiological induced corrosion (MIC) or obstruction material.
- **FDC Hydrostatic Test:** Conduct the required 5-year hydrostatic pressure test on the Fire Department Connection (FDC) piping.

1. Component Replacements & Corrections

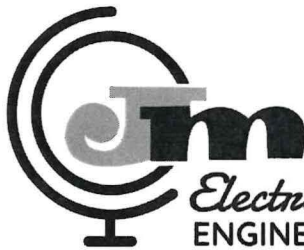
- **System Pressure Gauges:** (2) systems (4) gauges - Supply and replace all system water pressure gauges, as the current gauges are over 5 years old and out of compliance.
- **Sprinkler Head Replacements:** * Provide labor and materials to replace (39) defective sprinkler head located:
 - (1) painted head outside room A102 "clinic" in front of the library as well, (4) loaded heads located in room C111, (1) D104A, (2) D112, (2) D111, (2) D114, (1) D117, (1) D118, (1) D120, (1) D121, (2) D123, (1) D124, (2) B113, (2) B116, (3) B118, (1) outside room B118 at end of hallway, (2) B117, (3) B115, (3) B101, (1) B103, (1) outside room B103 next to an exitsign, (1) B105, (1) B109.
- **Trim/Escutcheon Installation:** * Supply and install two (2) missing escutcheon cup/skirt located in front of library.

LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
Fire Suppression (ECR-932) Security (B10578401)Page 1/2

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**Electronic
ENGINEERING, Inc.**

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CHANGE ORDER CUSTOMER QUOTATION NO. 1400

Execution & Closeout

- **System Drain-Down & Refill:** Secure, isolate, and drain the riser as required to safely perform the mechanical head and gauge replacements.
- **Final Testing & Tagging:** Upon completion of all physical repairs, the contractor will perform operational testing to verify system integrity. Once verified free of deficiencies, the "Yellow" non-compliance tag will be removed and replaced with a compliant system tag.

TERMS OF PAYMENT ARE 50 % DOWN with BALANCE DUE NET THIRTY (30) DAYS FROM DATE OF INVOICE(OR AS INDICATED ABOVE). Invoices may be rendered on a progress basis for work completed through the date of invoicing, and purchaser agrees to pay such progress.

210 - Sprinkler Service

Part #	Item	Quantity
510519135	1/2", Chrome Pendent, 135 Deg, QR	39.00
SG3	Air/Water Gauge, 0-300 psi	4.00
A163	Alarm Test Sign, 6" x 2"	2.00
	Travel & Mileage Charge: Marble Falls ISD	1.00
	Fire Sprinkler Service Tech	
	Fire Sprinkler Service Tech	
Sub-Total ex Tax		\$4,862.82

We appreciate the opportunity to provide you with this proposal
and look forward to working with you.

Sub-Total ex Tax	\$4,862.82
Tax	\$0.00
Total inc Tax	\$4,862.82

Thank you.

Sign & Date Here: _____

Purchase Order No: _____

Quote is valid for 30 days.

BuyBoard Fire and Security Systems and Monitoring Services 751-24

LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
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Don Clark
Marble Falls ISD
1800 Colt Circle
Marble Falls TX 78654

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CUSTOMER QUOTATION NO. 1410

Quote No: 1410
Site: MFISD Marble Falls HS Band Hall/S. Mech Rm
Site Contact: Darlene Brinkley
Site Phone: 830-693-2046
Date: 07/14/2026

Description

Project Scope & Execution Plan: Essential Fire Alarm Control Panel Replacement

This comprehensive project is initiated to address a critical vulnerability within the facility's life safety infrastructure. The core objective is the swift and systematic replacement of the current, defective fire alarm control panel to restore full operational capacity, ensure compliance with all regulatory mandates, and safeguard the occupants and property.

-----1. Problem Diagnosis and Technical Solution Detail

1.1. Identified Critical Issue

The existing fire alarm control panel (FACP) has experienced a confirmed, unrecoverable hardware failure. This defect significantly compromises the building's ability to reliably and automatically detect, initiate, and report any fire-related emergency event. Continued operation with the current system is a direct threat to life safety and constitutes a non-compliance issue.

1.2. Corrective Technical Action

The scope includes the systematic, safe, and professional removal of the existing, non-functional FACP. This will be immediately followed by the installation and physical mounting of a **new, factory-certified, and modern fire alarm control panel**. The new unit will be selected to meet or exceed the performance specifications of the old system while incorporating the latest advances in fire safety technology.

1.3. System Migration and Programming

A key phase of the replacement is the meticulous migration of all pre-existing device programming. This process ensures the seamless transfer of logical mapping and identification data for every connected life safety component. This includes, but is not limited to, all:

- Smoke and heat detectors.
- Manual pull stations.
- Notification appliances (horns, strobes, speakers).
- Ancillary relays and control modules.

This programming phase is essential to guarantee that the new hardware recognizes, monitors, and controls all field devices exactly as required, maintaining the intended coverage and response profile of the original system design.

-----2. Compliance, Testing, and Warranty Assurance

LICENSES

Fire Alarm (AGR-1750618) Fire Sprinkler (SCR-G-0121)
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CUSTOMER QUOTATION NO. 1410

2.1. System Verification and Functional Testing

Upon successful installation and programming, a certified and qualified technician, holding all necessary state and local licenses, will execute a rigorous **full system functional test**. This comprehensive testing procedure will be performed strictly in accordance with the current edition of **NFPA 72 (National Fire Alarm and Signaling Code)** standards. This process will verify that every system component communicates correctly, activates properly, and the system performs its primary function under simulated alarm conditions.

2.2. Formal Certification and Documentation

Following successful completion of the NFPA 72 testing, formal documentation will be prepared and delivered. This certification package will be presented to the building owner and/or the **Authority Having Jurisdiction (AHJ)**, confirming that the newly installed system meets all current jurisdictional life safety codes and standards.

2.3. Project Warranty Coverage

The executed work and installed products are backed by the following limited warranties, effective from the date the final system certification is issued:

- **Labor Warranty:** A **One (1) Year** warranty covering the quality of all installation, programming, and commissioning labor performed by our technicians.
- **Hardware Warranty:** A **One (1) Year** manufacturer's or distributor's warranty specifically covering the Main Fire Alarm Control Panel hardware against defects in material and workmanship.

-----3. Explicit Exclusions (Items Outside the Defined Scope)

To ensure the quoted price remains firm and the scope is manageable, the following items are **explicitly not included** in this proposal. These activities and costs remain the sole responsibility of the owner or a designated third-party contractor.

- 1. Civil/Structural/Aesthetic Work:** This scope is strictly limited to the electrical and life safety panel replacement. It specifically excludes all associated general construction or aesthetic repair work, including:
 - Installation or modification of conduit, raceways, or protective sleeving.
 - Installation of back boxes, T-bar supports, or hanging infrastructure.
 - All wall penetrations, coring (drilling of large holes), fire caulking, patching, painting, and wall/ceiling repairs necessitated by the panel swap.
- 2. Premium/Off-Hours Labor:** The quoted price is based on work performed during standard business hours (e.g., Monday-Friday, 8:00 AM - 5:00 PM). It excludes any costs for overtime, after-hours work, weekend scheduling, "fast-track" or expedited project scheduling, or specialized project bonding fees.
- 3. Regulatory Design Changes:** Any subsequent design modifications, equipment changes, or additional testing mandated by the **AHJ (Authority Having Jurisdiction)** during the required submittal, review, or final approval process.
- 4. Administrative and Digital Data Acquisition:** Costs or labor associated with acquiring, formatting, or revising CAD background drawings, architectural files, or as-built documentation.
- 5. Dedicated Electrical Service:** The provision of the required **120VAC dedicated branch circuits** to

LICENSES

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CUSTOMER QUOTATION NO. 1410

power the new control panel and/or any associated power supply panels is excluded. This must be supplied by a licensed electrical contractor prior to our installation.

- 6. External Communications Infrastructure:** The provision and installation of communication cabling (e.g., phone lines, network lines, fiber) required for off-site monitoring services is not included.
- 7. Proposal Validity:** Due to the current volatility and fluctuation of material costs in the fire alarm industry, this proposal is subject to mandatory re-evaluation and potential price adjustment if it is **not formally accepted and signed within thirty (30) calendar days** from the date of issuance.
- 8. Formal Submittals:** The preparation and submission of a comprehensive formal submittal package (including detailed shop drawings, calculations, and product data sheets) have not been incorporated into the cost of this initial replacement proposal.

-----4. Financial Terms and Project Scheduling

- **Initial Deposit Requirement:** A **Fifty Percent (50%) down payment** of the total quoted project cost is strictly required. This deposit is necessary to cover the immediate procurement of the specialized fire alarm control panel hardware and to formally commence the project schedule.
- **Progress Billing:** **JM Electronic Engineering Inc.** explicitly reserves the right to issue and invoice for work completed in discrete stages. For example, progress invoices may be issued for the successful installation and wiring of the hardware prior to the final AHJ witness inspection and sign-off.

Final Balance: The outstanding final balance of the project cost is due and payable under **Net 30 days** terms from the date indicated on the final invoice.

110 - Alarm Service

Exclusions:

1. Conduit, raceways, back boxes, T-bar supports, penetrations, coring, fire caulking, patching, painting and wall repairs.
2. Overtime, after hours, fast track or bonding fees.
3. Changes to the design by the AHJ during the submittal approval process.
4. Any costs associated with acquiring CAD background drawings.
5. 120VAC dedicated branch circuits to control and power supply panels.
6. Communications cable for off site monitoring.
7. Proposal pricing must be evaluated after 30 days due to material price fluctuations

Part #	Item	Quantity
IFP-75	75PT Addressable Fire Panel, Red	1.00
E120V-GT	120V Hybrid Surge Protector	1.00
T32-DG	Low Voltage Surge Protector	3.00
SK-NIC	Network Interface Card	1.00
	Travel & Mileage Charge: Marble Falls ISD	1.00
	Service Labor - Marble Falls ISD (2hr min)	
Sub-Total ex Tax		\$3,915.50

LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
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CUSTOMER QUOTATION NO. 1410

We appreciate the opportunity to provide you with this proposal
and look forward to working with you.

Sub-Total ex Tax	\$3,915.50
Tax	\$0.00
Total inc Tax	\$3,915.50

Thank you.

Sign & Date Here: _____

Purchase Order No: _____

Quote is valid for 30 days.

BuyBoard Fire and Security Systems and Monitoring Services 751-24

LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
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1800 Colt Circle
Marble Falls TX 78654

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CUSTOMER QUOTATION NO. 1394

Quote No: 1394
Site: MFISD Marble Falls ISD Admin
Site Contact: Darlene Brinkley
Site Phone: 830-693-2046
Date: 07/07/2026

Description

Scope of Work: Fire Sprinkler System Remediation

Location: Marble Falls Admin Complex

Objective: Address deficiencies identified during the recent fire sprinkler inspection to clear all outstanding **Yellow Tags** and bring the system back into full compliance.

Detailed Scope of Services

The Contractor shall furnish all labor, materials, equipment, and supervision necessary to complete the following repairs:

1. Admin Main Wet Sprinkler Riser 1

- **Gauge Replacement:** Remove and properly dispose of two (2) existing, non-compliant or malfunctioning pressure gauges.
- **Installation:** Supply and install two (2) new, calibrated pressure gauges compatible with the existing wet riser configuration.

2. Admin Building 2 (Men's Restroom & Classroom 310)

- **Sprinkler Head Adjustment:** Modify the piping/drop configuration to **raise the sprinkler heads** in the Men's Restroom and Classroom 310 to their correct, code-compliant elevations.
- **Materials:** Provide any necessary pipe nipples, fittings, and escutcheons required to complete the relocation cleanly.

3. Admin Building 4

- **Gauge Replacement:** Remove and properly dispose of two (2) existing, non-compliant or malfunctioning pressure gauges.
- **Installation:** Supply and install two (2) new, calibrated pressure gauges compatible with the system.

General Requirements & Testing

- **System Integrity:** All work must be performed by a licensed fire protection contractor in accordance with NFPA 13 and local fire codes.
- **Tag Certification:** The contractor shall remove the current **Yellow Tags** and issue/sign off on the appropriate documentation certifying that the deficiencies have been resolved.
- **Cleanup:** The contractor is responsible for removing all debris and restoring the work areas to their original condition.

210 - Sprinkler Service

Part #	Item	Quantity	Unit Price	Total
	Travel & Mileage Charge: Marble Falls ISD	1.00	\$150.00	\$150.00
SG3	Air/Water Gauge, 0-300 psi	4.00	\$40.75	\$163.00
	Fire Sprinkler Service Tech			\$800.00
Sub-Total ex Tax				\$1,113.00

LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
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CUSTOMER QUOTATION NO. 1394

We appreciate the opportunity to provide you with this proposal
and look forward to working with you.

Sub-Total ex Tax	\$1,113.00
Tax	\$0.00
Total inc Tax	\$1,113.00

Thank you.

Sign & Date Here: _____

Purchase Order No: _____

Quote is valid for 30 days.

BuyBoard Fire and Security Systems and Monitoring Services 751-24

LICENSES

Fire Alarm (ACR-1750618) Fire Sprinkler (SCR-G-0121)
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