

ALAMEDA UNIFIED SCHOOL DISTRICT
Excellence & Equity For All Students

AMENDMENT NO. 5 to Standard Agreement #2028

Dated November 25, 2021

This Amendment is entered into between the Alameda Unified School District (District) and **MBS Engineering** (CONTRACTOR). District entered into a CUPCAA Agreement with CONTRACTOR for District Wide Gas Leak Repairs, and the parties agree to amend that Agreement as follows:

1. Services

Additional Gas Leak Repairs:

Academy of Alameda (Chipman) – Quad Building Steel Line Replacement

2. Compensation

Original Contract Amount + Amendment #1 - Amendment #4 (previously approved): \$320,992

Additional Services:

Academy of Alameda (Chipman) – Quad Building Steel Line Replacement: \$27,217

New Contract Amount: \$348,209

Scope of Work listed in the MBS Proposal, attached hereto as Exhibit A

3. Remaining Provisions: All other provisions of the Agreement, and prior Amendment(s) if any, shall remain unchanged and in full force and effect as originally stated.

4. Amendment History:

☐ There are no previous amendments to this Agreement.

☒ This contract has previously been amended as follows:

No.	Date	General Description of Reason for Amendment	Amount of Increase/(Decrease)
1	11/25/20	Gas Leak Repairs at Additional Sites	\$93,772
2	1/19/20	Additional Gas Leak Repairs at Various Sites	\$37,808
3	2/17/21	Additional Gas Leak Repairs at Various Sites	\$23,538
4	3/23/21	Additonal gas leak repairs	\$27,217

"DISTRICT"

Date: 03/30/2021
By: Robbie Lyng
By: Robbie Lyng (Mar 30, 2021 12:38 PDT)
Name: Robbie Lyng
Title: Senior Director of Construction

Date: 03/30/2021
By: Shariq Khan
By: Shariq Khan (Mar 30, 2021 12:27 PDT)
Name: Shariq Khan
Title: Chief Business Officer

Date: _____
By: _____
Name: Mialisa Bonta
Title: Board President

"CONTRACTOR"

Date: 3/30/21
By: Dan Whaley
Name: Dan Whaley
Title: VP of Engineering

EXHIBIT A

Proposal

12855 Alcosta Blvd
Academy of
San Ramon, CA 94583
Tel +1 925-334-7200



WWW.MBS.ENGINEERING
License: #990872 (A & C-36)
CA Small Business: 2003043

MBS Engineering Proposal

March 9th, 2021

Dan Whaley
VP
MBS Engineering
Dan@MBS.Engineering

TO: Robbie Lyng
2060 Challenger Dr
Alameda, CA 94501

RE: Academy of Alameda – Replace 3” Steel Line to Quad Building

SCOPE OF WORK:

MBS Engineering is proposing to replace an underground steel line to the back Quad building at Academy of Alameda School. The line is MDPE except for the last 60ft where it transitions to steel. MBS is proposing to connect to the existing MDPE and replace the steel portion to ensure a long-term lifespan of the system.



12855 Alcosta Blvd
San Ramon, CA 94583

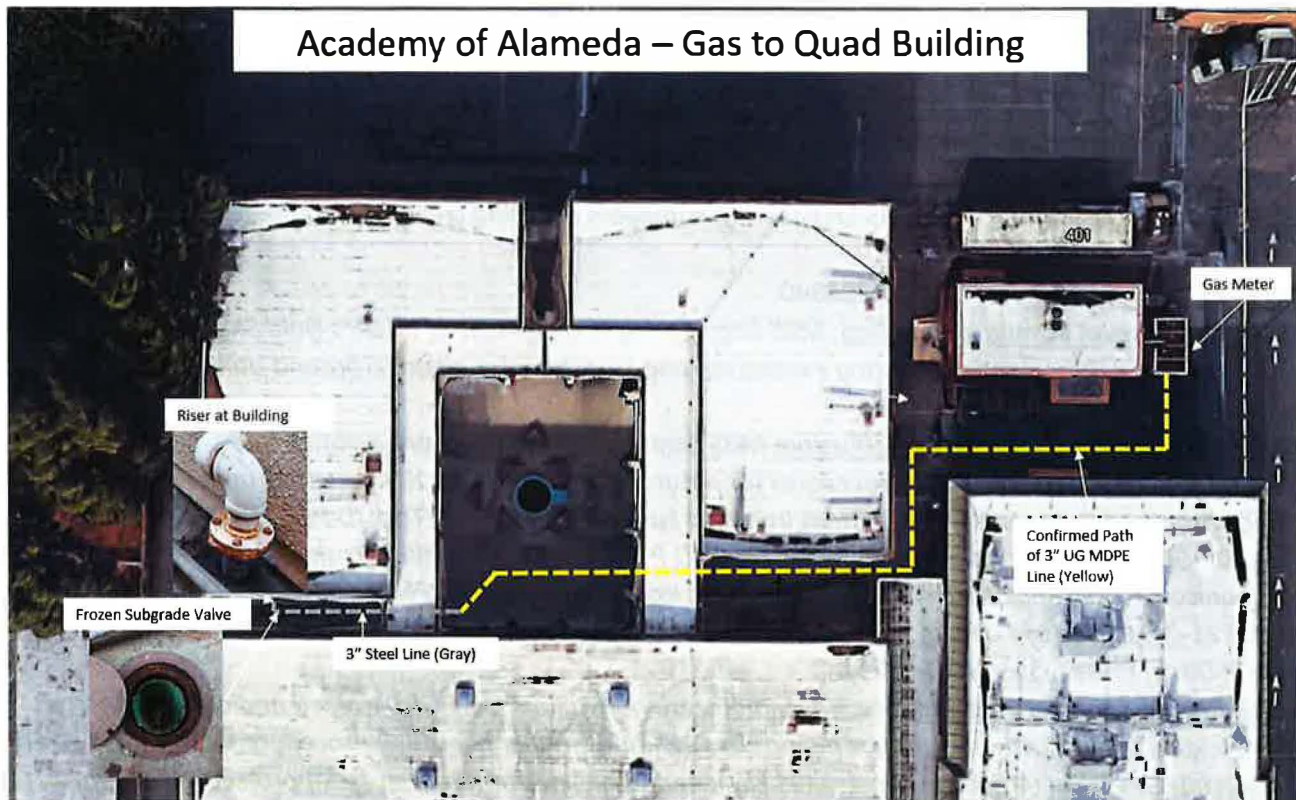


Tel +1 925-334-7200
WWW.MBS.ENGINEERING

QUALIFICATIONS:

- **Class A General Engineering & Class C-36 Plumbing Contractor License Holder:** License #990872 in the state of California
- **DIR Registered:** MBS Engineering is registered with the Department of Industrial Relations, #1000003509.
- **California Small Business (Micro):** MBS Engineering is a California certified small business with certification # 2033043.
- **OSHA 30 Certified Employees:** MBS Engineering engineers and field crew have completed OSHA 30-Hour Training Courses
- **ISN Certified Member:** ISN ID#400-236340
- **PG&E Gold Shovel Standard Certified:** MBS Engineering is a member of PG&E's Gold Shovel Standard which ensures safety standards during excavation and trenching for all underground utility work to the highest level.
- **PG&E Certified in PE Pipe Welding/Fusion:** MBS Engineering installers are certified and trained in PE pipe welding & fusion to PG&E utility procedures for natural gas piping sizes ½" through 8" under PG&E Gas Design Standard D-34. This includes Heat Iron Butt Fusion (Mechanical -Task ID PGE21-07 & Mechanical – Task ID PGE21-06), Electrofusion Couplings (Task ID PGE21-08) and Saddles (Task ID PGE21-09), Mechanical Stub Fittings (Task ID PGE21-11), Heat Iron Socket (Task ID PGE21-05), Heat Iron Saddle (Task ID PGE21-04) Fusion of PE Pipe, Damage Prevention During Excavation (OQ-0507), and Install & Backfill Pipe in Ditch: Plastic, Steel (OQ-0213).
- **PG&E Certified in Iron Pipe Welding:** MBS Engineering installers are PG&E trained and certified in Iron Pipe welding for use with natural gas piping sizes 12" and smaller per utility Procedure # TD-4160P-30-F01.
- **Over (100) Gas Piping Replacements:** MBS Engineering has performed over (100) projects involving natural gas piping replacements of outdated or faulty natural gas pipelines.
- **Over (200,000) Lineal Feet of Underground PE Natural Gas Pipe Installed:** MBS Engineering has installed over 200,000 lineal feet of underground natural gas piping since 2016, all to PG&E standards and procedures.
- **Over (1,000) Gas Leak Surveys:** MBS has performed over (1000) Gas Leak Surveys in the last (3) years alone. All performed with state-of-the-art detection equipment made by Heath US, the same equipment used by utility companies. MBS is factory trained and certified to perform gas leak surveys
- **Over (50,000) Seismic Valve Installations:** MBS has installed over 50,000 seismic shut-off valves in the last 10 years and are the #1 installer in all of California.
- **Certified Gas Regulator and Gas Meter Mechanics:** MBS Engineering installers are all factory trained and certified to install, repair and troubleshoot gas regulators and gas meters.
- **Experience with Universities, Colleges and School Districts:** MBS Engineering has completed projects with many universities, colleges and school districts including California State University, Fresno; University of California, Merced; Solano Community College, San Mateo Community College District, Alameda Unified School District and Pacifica Unified School District to name a few.
- **Experienced Engineers on Staff:** MBS Engineering employs experienced Engineers with a combined (30) years of natural gas experience. MBS Engineers specialize in gas system design, sizing, code requirements and expertise to ensure gas systems operate efficiently and for an extended life span.

DESCRIPTION OF JOB SERVICES:



Mobilization and Safety – 01

- a. Mobilization of crew and equipment to site
- b. Safety barriers to cover trench openings
- c. Plywood for walkways if needed

Excavation and Backfill – 02

- a. MBS to saw cut asphalt for trench
- b. MBS to excavate 18"x36" trench (approximately 60 LF)
- c. MBS to backfill and compact trench after pipe installation
- d. MBS to patch back asphalt

Gas Line Installation – 03

- a. MBS to install approximately 60 LF of 3" MDPE.
- b. MBS to replace frozen valve with poly valve and install valve box with lid
- c. MBS to install MDPE to steel transition riser at building
- d. MBS to furnish and install all materials necessary to complete scope of work
- e. MBS to pressure and leak test piping after installation

Add/Alt (Deduction) – Add/Alt(D) 1

- a. Deduction if sliplining 2" through existing 3" steel is possible
- b. To be signed off by AUSD engineer before proceeding
- c. Excavate bellholes on both ends and slipline 2" MDPE through existing 3" steel to existing 3" elbow location to riser (approx. 50 LF)
- d. Deducts concrete cutting, excavation, patchback work from open trench install

INCLUSIONS:

- a. Work is to be performed during regular work hours (7:00 AM - 4:00 PM; Monday through Friday)
- b. MBS employs OSHA, Golden Shovel, and ISN safety standards for all construction sites
- c. MBS to furnish and install all required Related Materials
- d. MBS Engineering to leak test all newly installed parts
- e. If installation can be done by way of slip lining \$5,000 to be deducted from final cost

EXCLUSIONS:

- a. MBS is not responsible for any leaks up or downstream of our work
- b. MBS to relight gas appliances excluded
- c. MBS is not responsible for any gas appliance that will not relight after shutdown

APPLICABLE LAW:

This contract shall be governed by the laws of Alameda County, The State of California, and any applicable Federal Law.

INSURANCE:

A current insurance certificate for MBS will be on file with Alameda Unified School District and will be listed as additional insured.

PAYMENT:

Payment Terms: Monthly Billing Based on Schedule of Values, Net 15

MBS PRODUCT AND SERVICE QUOTE:

Service Location 1	Academy of Alameda	Contact	Robbie Lyng
		Number	510-812-9228
Replace 3" Steel Gas Line – Academy of Alameda			
Phases Totals			
Description	Total Estimate	Job	
01 Mobilization and Safety	\$1,473.20	5.41%	
02 Excavation and Backfill	\$18,470.96	67.87%	
03 Gas Line Installation	\$7,272.26	26.72%	
Add/Alt (D) 1 Add/Alt - Deduction for Sliplining 2" Pipe Through Existing	(\$10,958.54)	(40.26%)	
Total Estimate	\$27,216.42	100.00%	
Total Bid			\$ 27,216.42

Thank you for this opportunity.