TECHNICAL SECTION 1: PROJECT TEAM’S QUALIFICATIONS, EXPERIENCE, AND PAST PERFORMANCE

T-1A Project Team Introduction

Triangle Fire Protection, Inc. is a South Central PA family owned and operated company serving Pennsylvania and Maryland commercial, industrial, and residential customers since 1994.

We bring quality, integrity, and commitment to every project, and with over 25 years experience in the Sprinkler Industry, our team provides superior service for all your automatic fire protection needs. We have gained a valuable and well thought of reputation in the Sprinkler Industry by the way we perform as we continually strive to provide the customer with a high quality, on schedule job. In addition, Triangle Fire Protection, Inc. emphasizes safety and a job done on time. We will be constantly making every effort to achieve all of these throughout any work that we do.
ORGANIZATIONAL CHART

CORPORATE MANAGEMENT
MARK E. POTTEIGER
President / Owner
mark@trianglefireprotection.com

PROJECT MANAGER / INSPECTION MANAGER
DUSTIN POTTEIGER
dustin@trianglefireprotection.com

PROJECT MANAGER / PROFESSIONAL ENGINEER
JOSHUA POTTEIGER
joshua@trianglefireprotection.com

SERVICE MANAGER
JORDAN POTTEIGER
jordan@trianglefireprotection.com

ESTIMATING
BRANDON POTTEIGER
Lead Estimator
bpotteiger@trianglefireprotection.com

ENGINEERING
CHARLIE NACE
Senior Design Technician
cnace@trianglefireprotection.com

JASON TRAYER
Design Technician
jtrayer@trianglefireprotection.com

INSPECTIONS
DIANE MANN
Inspector Scheduler

JOB FOREMEN
ALL WELL EXPERIENCED AND QUALIFIED

PIPE FITTERS AND APPRENTICES
CONSCIENTIOUS, EXPERIENCED AND DEPENDABLE
As the Project Manager, Joshua Potteiger is committed to ensuring the safe and timely installation of the fire protection sprinkler system. He is our key contact to ensure all project related issues are resolved and to coordinate with multiple engineering groups and contractors to ensure coordination for successful and efficient project completion.

Our Design Team work hand in hand with Code officials, insurance Underwriters, Government Officials, and NFPA Guidelines to ensure the best possible Fire Sprinkler system is being designed for our customer. Each System design is unique to itself by Occupancy Use, Commodity Classification, and Structural Components. Our expert design team offers detailed shop drawings and hydraulic calculations through an advanced 3D CAD design to provide your project with a first-rate concept and strategy.

AutoSprink 2019 is our stand alone platform for design based Engineering, Coordination and Fabrication. Autosprink is a 3D Modeling program that allows us to perform any kind of design required. The program has the intelligence of drawing actual pipe/fittings/valves and recognizing them as real components visually and hydraulically. Our drawings are easily exported to an Autocad based drawing file (.dwg) for coordination purposes with all other trades. Clash detection within the program makes coordination with other trades very visible with the abilities to make changes as needed. Hydraulic Calculation reports can be exported directly to PDF format for easy review. (Standard program format, or NFPA 13 Standard print outs available). In addition, our Design Team utilizes Revit, a 3D CAD software specifically developed for architecture, buildings and construction.

Triangle Fire Protection employs highly trained and experienced sprinkler fitters to install our fire sprinkler systems. Each of these fitters has had to complete a 5-year apprenticeship program with Penn State University and also 5 years of on the job training. This apprenticeship program is recognized and approved by both the Federal and State Governments. Our foremen and fitters strive to stay abreast of the continual evolution of fire sprinkler systems and have the aptitude, knowledge and skill to install quality fire protection systems. Their experience encompasses all kinds of facilities including government, military, education, healthcare, warehouse,
and private. All Triangle’s job foremen have over 15 years of experience and most fitters have over 10 years.

Triangle’s complete Team works in numerous secured government building locations each year, including multi-phased projects within Department of Defense Logistics, Defense Distribution Depot, Tobyhanna Army Depot, within Naval Supply Systems Command Naval Support Activity, as well as Letterkenny Army Depot run by the Center of Industrial and Technical Excellence for Air Defense and Tactical Missile Systems. Additionally we work within private, secure buildings including large-scale principal companies such as DHL Supply Chain, Hershey Medical Center, University of Penn Medical Center, Pennsylvania State University Hershey Data Center, and the PPL Corporation to name a few.

Triangle’s Team has also finalized projects in occupied and/or fully functioning locations the most recent being a full scale Walmart remodel completed in conjunction with other prime contractors while the store remained open. Other such projects include multiple remodels and fit-outs throughout Colonial Park Mall in Lower Paxton Township and Harrisburg Mall in Swatara Township. Our work within Hershey Medical Center and UPMC-Pinnacle is on-going and must be completed while the buildings remains fully functioning around our project. Government secured and occupied projects have included DDSP Buildings 83/84/85 in New Cumberland and Navy Depot Buildings 8,107, & 114 in Mechanicsburg.
APPENDIX E
PRIME CONTRACTOR
QUALIFICATION STATEMENT

COVER SHEET

DGS Project Name: HVAC Replacement, Danville State Hospital, Montour County, Pennsylvania
DGS Project Number: DGS-C-0503-0023 Phase 1

Check One:
X Corporation,
__ Partnership,
__ Individual,
__ Joint Venture,
__ Other ______________

Name of Firm: Triangle Fire Protection, Inc.
Address: 20 Roadway Drive, Carlisle, PA 17015
Principal Office: 20 Roadway Drive, Carlisle, PA 17015
Owner or Authorized Representative: Mark E. Potteiger, President & Owner
SECTION 1 – INFORMATION ON FIRM

1.1 Background Information

a) How many years has the firm been in business? 25 years

b) How many years has the firm been doing business in proposed contract field? 25 years

Under what former names has the firm conducted business?
N/A

______________________________
______________________________

(c) Provide an Attachment 1 to this Qualifications Statement identifying all jurisdictions in which the firm is licensed or otherwise qualified to do business. List and provide copies of any business or trade licenses, certificates or registrations (to the extent that they apply to the Contract Work) held by the firm.

d) If the firm is a corporation, provide the following information:
   Date of incorporation: May 20, 1994
   State of incorporation: Pennsylvania
   President’s name: Mark E. Potteiger, President & Owner
   Vice President’s name(s): Mark E. Potteiger
   Secretary’s name: Mark E. Potteiger
   Treasurer’s name: Mark E. Potteiger

e) If the firm is a partnership, provide the following information:
   Date of formation: ____________________________
   Type of partnership: __________________________
   Names of partners: ____________________________

f) If the firm is individually owned, provide the following information:
   Date of formation: ____________________________
   Name of owner: ______________________________

g) If the form of the firm is other than those listed above, describe it and name the principals:
   ____________________________
SECTION 2 - EXPERIENCE AND PERFORMANCE

2.1 General

a) Provide the annual construction volume in dollars completed by the firm in the past three years:
   Year 2016 $6M
   Year 2017 $6.5M
   Year 2018 $6.9M

b) Identify the percentage of work on similar projects the firm typically performs with its own work force 100%

c) List the categories of work that the firm normally performs with its own forces on similar projects:

2.2 Project Experience and References

Submit as Attachment 2 to this Qualifications Statement:

a) Suggested number of Sheets/Pages:
   - 3 sheets/(6 pages)

Three (3) detailed project descriptions for relevant projects that are similar in size and scope to the Contract Work. The project descriptions shall include, at a minimum, the following information presented in the order listed below:

i. Name of project, type of project and location

ii. Description of the project and relevance of work to the Contract Work

iii. Contact information for an owner representative familiar with the firm’s work performed on this project. Include name, address, telephone number(s) and e-mail address.

iv. The original bid/proposal price and the final contract price. If the project is ongoing, project the final price and relation to proposal price. Contract value for which the firm was/is responsible.

v. The original date for project completion and the actual completion date. If the project is ongoing, project the completion date and relation to original schedule.

vi. As available, performance ratings of the work evaluated by owner or owner’s representative.

2.3 Contractor Safety Record

Submit as Attachment 3 to this Qualifications Statement the information specified herein and verify this information by providing copies of OSHA 300/200 Forms or appropriate documentation from insurance carriers, as applicable. The firm may submit written explanations to comment on or clarify its safety record.

a) Provide the firm’s Workers Compensation Experience Modification Rating for the past three years, beginning with the most recent year available:

Year 1: 2019 1.13
Year 2: 2018 1.046

Triangle Fire Protection, Inc.
Year 3: 2017 1.007

b) Provide the firm’s Total Lost Workday Incidence Rate (LWDIR) for the past three years, beginning with the most recent year available:

Year 1: 2018 3.34
Year 2: 2017 0
Year 3: 2016 3.29

*LWDIR Rate = Number of Lost Time Injuries & Illnesses x 200,000 ÷ Total Hours Worked

c) Provide the firm’s Recordable Incidence Rate (RIR) for the past three years:

Year 1: 2018 3.34
Year 2: 2017 6.10
Year 3: 2016 6.57

*RIR Rate = Number of Injuries x 200,000 ÷ Total Hours Worked

d) Provide in an Attachment 4 to this Qualifications Statement a list of any health or safety citations issued by federal or state agencies for serious or willful violations issued in the past 3 years. Include a separate statement for any such violations and include the citation number, a brief description of the violation and the amount of penalty, if any, for each violation and current status of violation.

SECTION 3 - REQUIRED DISCLOSURES

The firm shall answer the following questions with regard to the past three (3) years. If any question is answered in the affirmative, the firm shall submit in an Attachment 5 to this Qualifications Statement, for each affirmative answer, a written explanation which shall provide details concerning the matter in question, including applicable dates, locations, names of projects/project owners and current status of any such matter.

3.1 Has the firm ever been debarred or suspended from doing business with any federal, state or local government agency or private entity?

Yes ___ No X ___

3.2 Is the firm currently or has the firm been otherwise prohibited from doing business with any federal, state or local government agency or private entity?

Yes ___ No X ___

3.3 Has the firm been denied prequalification (not including short listing), declared nonresponsible, or otherwise declared ineligible to submit bids or proposals for work by any federal, state or local government agency or private entity?

Yes ___ No X ___

3.4 Has the firm defaulted, been terminated for cause or otherwise failed to complete any project that it was awarded?

Yes ___ No X ___

3.5 Has the firm been assessed or required to pay liquidated damages in connection with work performed on any project?

Triangle Fire Protection, Inc.
Yes ____  No ☒

3.6 Has the firm had any business or professional license, registration, certificate or certification suspended or revoked?
   Yes ____  No ☒

3.7 Have any liens been filed against the firm as a result of its failure to pay subcontractors, suppliers, or workers?
   Yes ____  No ☒

3.8 Has the firm been denied bonding or insurance coverage or been discontinued by a surety or insurance company?
   Yes ____  No ☒

3.9 Has the firm been found in violation of any laws, including but not limited to contracting or antidiscrimination laws, tax or licensing laws, labor or employment laws or environmental laws by a final decision of a court or government agency?
   Yes ____  No ☒

*Note: information regarding health and safety violations is addressed in a previous section.

3.10 Has the firm or its owners, officers, directors or managers been the subject of any criminal indictment or criminal investigation concerning any aspect of the firm’s business?
   Yes ____  No ☒

3.11 Has the firm been the subject to any bankruptcy proceeding?
   Yes ____  No ☒

SECTION 4 - REQUIRED REPRESENTATIONS

In submitting this Qualifications Statement, along with the representations and authorizations listed on the Proposal Signature page and in the RFP, the firm also makes the following representations, which it understands are required as a condition of performing the Contract Work and receiving payment for same.

4.1 The firm will possess all applicable professional, business and trade licenses required for performing the Contract Work.

4.2 The firm satisfies all bonding and insurance requirements as stipulated in the solicitation for the Contract Work.

4.3 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with the Commonwealth’s requirements for workers’ compensation insurance according to all applicable laws, and unemployment insurance according to all applicable laws.

4.4 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with all requirements of the Commonwealth’s prevailing wage law and Public Works Employment Verification Act.

4.5 If awarded the Contract Work, the firm represents that it will not exceed its current bonding limitations when the Contract Work is combined with the total aggregate amount of all unfinished work for which the Contractor is responsible.
4.6 The firm represents that it has no conflicts of interests with the Commonwealth of Pennsylvania and, if awarded the Contract Work, any potential conflicts of interest that may arise in the future will be disclosed immediately to the Department of General Services.

4.7 The firm represents the price offered in connection with its proposal for the Contract Work was arrived at independently without consultation, communication or agreement with any other Proposer or competitor.

4.8 The firm will ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, sex or national origin.
Attachment 1: All jurisdictions in which Triangle Fire Protection, Inc. is licensed or qualified to do business. Copies of licenses, registrations, certificates are included.

a. Commonwealth of Pennsylvania - no license required, PA Vendor #181444

b. PA Department of General Services Small Business #181444-2018-11-SB

c. State of Maryland - License #MSC-205

NOTE: Updated License not yet received due to State Fire Marshal office closure during COVID-19 shut down.
d. Maryland Marketplace Small Business #SB12-38829

Triangle Fire Protection, Inc.
Attachment 2: Project Experience - Project List

1. 1st Project
   a. Walmart Remodel, 635 Grayson Road, Harrisburg, PA 17111
   b. Design-Build Fire Protection through complete installation for occupied and open
      Walmart store renovation completed during both normal working hours and night
      hours.
   c. Contact information Owner - Walmart Stores, Bentonville, AR   Contractor -
      William A. Randolph, Inc., 920 Lakeside Drive, Gurnee, IL  60031.  Project
      Manager: Joel Sattler - 847-856-0123, joel.sattler@warandolph.com
   d. The original bid/proposal price was $317,220.00; two Change Orders increased
      the final price to $324,042.89.
   e. An original completion date was not provided by Walmart;  Actual completion
      date 12/2019
   f. Not Available

2. 2nd Project
   a. UPMC Pinnacle Hospital Alex Grass Building 8th-9th Floor Reno,  Core & Shell
      Fit Out, Harrisburg, PA
   b. Modify the existing sprinkler system in the areas shown on Core & Shell and Fit-
      Out Fire Protection Drawings.  Extend the standpipes and install new floor control
      assemblies. From these newly installed floor control assemblies, install new
      main, branch lines, and sprinkler heads throughout three floors.
   c. Contact Information Owner - UPMC Pinnacle Health   Contractor - Reynolds
      Construction, 3300 N. 3rd Street, Harrisburg 17110.   Project Manager Jim
      Paschke (717) 238-5737, jpaschke@reynoldssolutions.com.
   d. Final Contract price included three phases:  $437,020.00
   e. Original date for project completion: 3/2019;  Final portion completed 5/2019
   f. Not Available
3. 3rd Project
   
a. DLA Building 83, Mechanicsburg, PA

b. Design-Build through install project to demolish existing sprinkler system protecting five bays of Building 83 and install new ESFR sprinkler system through. To avoid an interruption of sprinkler protection, Triangle installed the new ESFR before demolishing the existing sprinklers.

c. Contact Information Owner - DLA Distribution Acquisitions Operations, 430 Mifflin Avenue, New Cumberland, PA  Contractor - Ritz Construction, 3507 Kemptown Church Road, Monrovia, MD 21770.  Project Manager Michael Riling (301) 253-2779, mwr@ritzbuilds

d. Original bid/proposal price $750,000.00;  Final contract price: $762,480.00

e. Original date for project completion June 2020;  Actual completion date: Pending

f. Not Available
Attachment 3: Contractor Safety Record

a. OSHA 300

b. Insurance EMR Letter
Attachment 4: None

Attachment 5: None
T-1C Designated Critical Work

APPENDIX F
DESIGNATED CRITICAL WORK QUALIFICATIONS STATEMENT

COVER SHEET

DGS Project Name: HVAC Replacement, Danville State Hospital, Montour County, Pennsylvania
DGS Project Number: DGS C-0503-0023 Phase 1 Rebid

DESIGNATED CRITICAL WORK: For proper evaluation, the Proposer MUST submit at least one “Designated Critical Work Qualification Statement” for each Work item listed in T-1C for the respective contract. NOTE: The selected Proposer shall enter subcontracts with each listed subcontractor in T-1C.

Check One Work item for which this Qualification Statement is being submitted:

General Contractor (.1 Contract)

____ Multi-Phased Project in a Secured Building
____ Multi-Phased Project in an Occupied & Fully Functional Building

HVAC Contractor (.2 Contract)

____ Asbestos Abatement
____ Multi-Phased Project in a Secured Building
____ Multi-Phased Project in an Occupied & Fully Functional Building

Plumbing Contractor (.3 Contract)

____ Multi-Phased Project in a Secured Building
____ Multi-Phased Project in an Occupied & Fully Functional Building

Electrical Contractor (.4 Contract)

____ Multi-Phased Project in a Secured Building
____ Multi-Phased Project in an Occupied & Fully Functional Building

Fire Protection Contractor (.5 Contract)

✓ Multi-Phased Project in a Secured Building
✓ Multi-Phased Project in an Occupied & Fully Functional Building
<table>
<thead>
<tr>
<th>Name of Firm</th>
<th>Triangle Fire Protection, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>20 Roadway Drive, Carlisle, PA 17015</td>
</tr>
<tr>
<td>Principal Office</td>
<td>same</td>
</tr>
<tr>
<td>Owner or Authorized Representative</td>
<td>Mark E. Potteiger, President &amp; Owner</td>
</tr>
</tbody>
</table>
SECTION 1 – FIRM INFORMATION

1.1 Background Information

a) How many years has the firm been in business? 25 Years

b) How many years has the firm been doing business in proposed contract field? 25

Under what former names has the firm conducted business?
NA

__________________________
__________________________
__________________________

__________________________

(c) Identify all jurisdictions in which the firm is licensed or otherwise qualified to do business.
Maryland Pennsylvania

__________________________

(d) If the firm is a corporation, provide the following information:
Date of incorporation May 20, 1994
State of incorporation Pennsylvania
President’s name Mark E. Potteiger, President & Owner
Vice President’s name(s) Mark E. Potteiger
Secretary’s name Mark E. Potteiger
Treasurer’s name Mark E. Potteiger

(e) If the firm is a partnership, provide the following information:
Date of formation NA
Type of partnership
Names of partners

(f) If the firm is individually owned, provide the following information:
Date of formation NA
Name of owner

(g) If the form of the firm is other than those listed above, describe it and name the principals:
NA
SECTION 2 - EXPERIENCE AND PERFORMANCE

2.1 General

a) Provide the annual construction volume in dollars completed by the firm in the past three years:

Year 2016 $6M
Year 2017 $6.5M
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b) Identify the percentage of work on similar projects the firm typically performs with its own work force.

c) List the categories of work that the firm normally performs with its own forces on similar projects.


2.2 Project Experience and References
Submit as Attachment 1 to this Qualifications Statement:

a) Suggested number of Sheets/Pages:

- 3 sheets/6 pages

Three (3) detailed project descriptions for relevant projects similar in size and scope to the Contract Work. The project descriptions shall include, at a minimum, the following information presented in the order listed below:

vii. Name of project, type of project and location
viii. Description of the project and relevance of work to the Contract Work
ix. Contact information for an owner representative familiar with the firm’s work performed on this project. Include name, address, telephone number(s) and e-mail address.
x. The original bid/proposal price and the final contract price. If the project is ongoing, project the final price and relation to proposal price. Contract value for which the firm was/is responsible.
x. The original date for project completion and the actual completion date. If the project is ongoing, project the completion date and relation to original schedule.

xii. As available, performance ratings of the work evaluated by owner or owner’s representative.

2.3 Contractor Safety Record
Submit as Attachment 2 to this Qualifications Statement the information specified herein and verify this information by providing copies of OSHA 300/200 Forms or appropriate documentation from insurance carriers, as applicable. The firm may submit written explanations to comment on or clarify its safety record.

a) Provide the firm’s Workers Compensation Experience Modification Rating for the past three years, beginning with the most recent year available:

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   *LWDIR Rate = Number of Lost Time Injuries & Illnesses x 200,000 / Total Hours Worked

c) Provide the firm’s Recordable Incidence Rate (RIR) for the past three years:
   Year 1:  2018   3.34
   Year 2:  2017   6.10
   Year 3:  2016   6.57
   *RIR Rate = Number of Injuries x 200,000 / Total Hours Worked

d) Provide in an Attachment 3 to this Qualifications Statement a list of any health or safety citations issued by federal or state agencies for serious or willful violations issued in the past 3 years. Include a separate statement for any such violations and include the citation number, a brief description of the violation and the amount of penalty, if any, for each violation and current status of violation.

SECTION 3 - REQUIRED DISCLOSURES

The firm shall answer the following questions with regard to the past three (3) years. If any question is answered in the affirmative, the firm shall submit in an Attachment 5 to this Qualifications Statement, for each affirmative answer, a written explanation which shall provide details concerning the matter in question, including applicable dates, locations, names of projects/project owners and current status of any such matter.

3.1 Is the firm currently debarred or suspended from doing business with any federal, state or local government agency or private entity?
   Yes ___ No ✗

3.2 Has the firm ever been debarred or suspended from doing business with any federal, state or local government agency or private entity?
   Yes ___ No ✗

3.3 Is the firm currently or has the firm been otherwise prohibited from doing business with any federal, state or local government agency or private entity?
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3.4 Has the firm been denied prequalification (not including short listing), declared non-responsible, or otherwise declared ineligible to submit bids or proposals for work by any federal, state or local government agency or private entity?
   Yes ___ No ✗

3.5 Has the firm defaulted, been terminated for cause or otherwise failed to complete any project that it was awarded?

Triangle Fire Protection, Inc.
3.6 Has the firm been assessed or required to pay liquidated damages in connection with work performed on any project?
   Yes ___ No X

3.7 Has the firm had any business or professional license, registration, certificate or certification suspended or revoked?
   Yes ___ No X

3.8 Have any liens been filed against the firm as a result of its failure to pay subcontractors, suppliers, or workers?
   Yes ___ No X

3.9 Has the firm been denied bonding or insurance coverage or been discontinued by a surety or insurance company?
   Yes ___ No X

3.10 Has the firm been found in violation of any laws, including but not limited to contracting or antitrust laws, tax or licensing laws, labor or employment laws or environmental laws by a final decision of a court or government agency?
    Yes ___ No X

   *Note: Information regarding health and safety violations is addressed in a previous section.

3.11 Has the firm or its owners, officers, directors or managers been the subject of any criminal indictment or criminal investigation concerning any aspect of the firm’s business?
   Yes ___ No X

3.12 Has the firm been the subject to any bankruptcy proceeding?
   Yes ___ No X

SECTION 4 - REQUIRED REPRESENTATIONS

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4.4 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with all requirements of the Commonwealth's prevailing wage law and Public Works Employment Verification Act.

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   b. Design-Build Fire Protection through complete installation for occupied and open Walmart store renovation completed during regular working hours and night hours.
   c. Contact information
      Owner - Walmart Stores, Bentonville, AR
      Contractor - William A. Randolph, Inc., 920 Lakeside Drive, Gurnee, IL 60031. Project Manager: Joel Sattler - 847-856-0123 joel.sattler@warandolph.com
   d. The original bid/proposal price was $317,220.00. Two Change Orders increased the final price to $324,042.89.
   e. The original date for project completion was not provided by Walmart; Actual completion date 12/2019
   f. Not Available

2. 2nd Project
   a. UPMC Pinnacle Hospital Alex Grass Building 8th-9th Floor Reno, Core & Shell Fit Out, Harrisburg, PA
   b. Modify the existing sprinkler system in the areas shown on Core & Shell and Fit-Out Fire Protection Drawings. Extend the standpipes and install new floor control assemblies. From these newly installed floor control assemblies, install new main, branch lines, and sprinkler heads throughout three floors.
   c. Contact Information
      Owner - UPMC Pinnacle Health
      Contractor - Reynolds Construction, 3300 N. 3rd Street, Harrisburg 17110. Project Manager Jim Paschke (717) 238-5737, jpaschke@reynoldssolutions.com.
   d. Final Contract price included three phases: $437,020.00
   e. Original date for project completion; 3/2019 Final portion completed 5/2019
   f. Not Available
3. 3rd Project  
   a. DLA Building 83, Mechanicsburg, PA  
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   c. Contact Information  
      Owner - DLA Distribution Acquisitions Operations, 430 Mifflin Avenue, New Cumberland, PA  
      Contractor - Ritz Construction, 3507 Kemptown Church Road, Monrovia, MD 21770. Project Manager Michael Riling (301) 253-2779, mwr@ritzbuilds  
   d. Original bid/proposal price $750,000.00; Final contract price $762,480.00  
   e. Original date for project completion: June 2020; Actual completion date: Pending  
   f. Not Available
Attachment 2: Contractor Safety Record

a. OSHA 300

b. Insurance EMR Letter
Attachment 3: None

Attachment 4: N/A None Listed

Attachment 5: None
TECHNICAL SECTION 2: PROJECT MANAGEMENT PLAN

Depth of prior experience with projects of similar size and scope.

T-2A Project Management Team

Our Key Players include:

<table>
<thead>
<tr>
<th>NAME</th>
<th>TITLE</th>
<th>WORK EXPERIENCE</th>
<th>EXPERIENCE WITH TEAM</th>
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<tr>
<td>Mark Potteiger</td>
<td>President &amp; Owner</td>
<td>25 Years</td>
<td>25 Years</td>
</tr>
<tr>
<td>Joshua Potteiger</td>
<td>Project Manager/Professional Engineer</td>
<td>12 Years</td>
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<td>Charlie Nace</td>
<td>NICET Certified Designer</td>
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<td>04 Years</td>
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<td>Warren Smith</td>
<td>Fire Sprinkler Journeyman Foreman</td>
<td>33 Years</td>
<td>08 Years</td>
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<td>18 Years</td>
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<tr>
<td>Charles Brough</td>
<td>Fire Sprinkler Journeyman Foreman</td>
<td>26 Years</td>
<td>21 Years</td>
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</table>

As the Project Manager, Joshua Potteiger is committed to ensuring the safe and timely installation of the fire protection sprinkler system. He is our key contact to ensure all project related issues are resolved and to coordinate with multiple engineering groups and contractors to ensure coordination for successful and efficient project completion. Joshua is our Team Project Manager with most government, secure building locations as well as our recent remodel in a fully functioning Walmart and for all our UPMC Pinnacle fully functioning building projects.

Our Design Team work hand in hand with Code officials, insurance Underwriters, Government Officials, and NFPA Guidelines to ensure the best possible Fire Sprinkler system is being designed for our customer. Each System design is unique to itself by Occupancy Use, Commodity Classification, and Structural Components. Our designers have worked on hundreds of secure and/or fully functioning projects in the past 19 years.
Triangle Fire Protection, Inc. employs highly trained and experienced sprinkler fitters to install our fire sprinkler systems. Each of these fitters has had to complete a 5-year apprenticeship program with Penn State University and also 5 years of on the job training. This apprenticeship program is recognized and approved by both the Federal and State Governments. Our foremen and fitters have installed systems in all kinds of facilities including government, military, education, healthcare, warehouse, and private, many of which have been fully functioning and/or secure buildings. All Triangle’s job foremen have over 15 years of experience and most fitters have over 10 years.
Joshua M. Potteiger

Triangle Fire Protection, Inc. Carlisle, PA; (717) 241-9662 ext 109

Current Position:
Triangle Fire Protection, Inc. Carlisle, PA; (717) 241-9662 ext 109

- Project Manager
  - Project manager of assigned construction projects.
  - Ensure the safe and timely installation of the fire protection sprinkler systems.
  - Ensure all project related issues are resolved.
  - Monitor project schedules.
  - Work with multiple engineering groups to ensure coordination for successful and efficient project completion.
- Employed: June 2008 - Current

Education:

Pennsylvania State University (Masters Degree)
- Masters of Engineering: Nuclear Engineering
- Master’s GPA: 3.80, Master’s Graduation Date: May 2008

Pennsylvania State University (Bachelors Degree)
- Bachelor of Science: Nuclear Engineering
- Bachelor of Science: Mechanical Engineering
- Minor: Mathematics
- Bachelor’s GPA: 3.73 (Dean’s list every semester), Bachelor’s Graduation Date: May 2004

Scholarships:
- Air Force award for outstanding achievement in mathematics (2000)

Organizations:
- Phi Sigma Eta Honors Society (2001-2003)

Relevant Course Work:

Work Experience:

Westinghouse Electric Company, LLC Pittsburgh, PA
- Lead Core Design Engineer
  - Technical lead core designer for the Temelin nuclear power plant
  - Performed reload safety analysis calculations to support nuclear power plant startup
  - Performed nuclear design report calculations to support nuclear power plant operations
  - Worked with engineering teams to solve complicated technical problems
  - Worked with challenging customers and different cultures (i.e. Czech Republic)
  - Computed engineering calculations to model nuclear fuel in reactor cores
  - Simulated the reloading/shuffling/burning of reactor fuel
  - Monitored actual fuel cycle exposure
- Employed: June 2004 – June 2008

Exelon Nuclear Kennett Square, PA
- Technical Assistant
  - Computed engineering calculations for nuclear fuel and core design
  - Ran computer models and created fuel bundle design libraries
  - Simulated the reloading/shuffling/burning of reactor fuel
  - Monitored actual fuel cycle exposure

Triangle Fire Protection, Inc.
CHARLES NACE III

SKILLS

- Fire Protection Design
- Autocad
- Revit
- Navisworks
- Microstation
- Autosprink VR
- Microsoft Office
- Adobe Professional

EXPERIENCE

05/2001 to Current  Fire Protection Design Engineer
Triangle Fire Protection, Inc. — Carlisle, PA
Since 2001 I have been engaged in the Fire Protection industry working hand in hand with Code officials, insurance Underwriters, Government Officials, and NFPA Guidelines to ensure the best possible Fire Sprinkler system is being designed for our customer. Each System design is unique to itself by Occupancy Use, Commodity Classification, Structural Components, etc...

Accomplished designs to date of approximately 550 range from small Residential homes to nearly 1 million square foot warehouses, as simple as a 10 sprinkler relocate to a complex multimatic Transformer system with spray nozzles.

06/1999 to 05/2001  Surveyor/ CAD Operator
Goodkind & O’dea, Inc. — Carlisle, PA
In day to day operations I was responsible for directing 1-3 crew members on job sites to perform required surveys of bridge, roadway, and cell tower work as the survey crew leader. Some projects were 1 day operations, other projects were weeks or months.

When not on Survey’s, I helped with Red Mark drawing updates to engineering drawings in Autocad/MicroStation.

EDUCATION AND TRAINING

2011  Fire Protection Engineering Technology/Water Based (Automatic Sprinklers)
- NICET Certification — Harrisburg, PA
- NICET Level II Achieved

2007  Fire Protection Engineering Technology/ Water-Based (Automatic Sprinkler)
- NICET Certification — Harrisburg, PA
- NICET Level I Achieved

1999  Computer Aided Drafting
- ITT Technical Institute — Mechanicsburg, PA

Triangle Fire Protection, Inc.
Warren Smith

Experience

Mr. Smith has 33 years of experience in the fire sprinkler industry. Relevant Experience includes:

- 2002-2010 – Kings Fire Protection, Inc. - Project Superintendent and SSHO - Convention Center for Shippensburg University, Prologis warehouses in Mechanicsburg.
- 2010-Present – Triangle Fire Protection, Inc. - Project Superintendent and SSHO - Valley View Elementary in York, Penn State University Intramural Building in State College.

Education:

Fire Sprinkler Fitter Certification Card 2001

Certification:

30 Hour OSHA Training
Scissor and Boom Lift / Aerial Platform Certification
Jason Gieniec

Experience

Mr. Gieniec has 18 years of experience in the fire sprinkler industry. Relevant Experience includes:

  Tasks: Onsite Foreman for fire sprinkler fitters. Was on the work site at all times to perform safety and occupational health management, surveillance, inspections, and safety enforcement for the Contractor. Also performed basic facility safety audits, detailed Hazard Analysis, Ergonomic Assessments, updated Safety Program, assisted in the development of Policies, Procedures and Programs, performed regular workplace inspections with written reports, facilitated Joint Health and Safety Committee Meetings, performed Job Hazard Analysis, and onsite tool-box-talks.

  Tasks: Onsite Foreman for over 8 fire sprinkler fitters. Site contact for all sub-contractors including drywall, electrical, painting, alarms, etc. Was on the work site at all times to perform safety and occupational health management, surveillance, inspections, and safety enforcement for the Contractor. Also performed basic facility safety audits, detailed Hazard Analysis, Ergonomic Assessments, updated Safety Program, assisted in the development of Policies, Procedures and Programs, performed regular workplace inspections with written reports, facilitated Joint Health and Safety Committee Meetings, performed Job Hazard Analysis, and onsite tool-box-talks.

Education:

- Fire Sprinkler Fitter Certification Card 2006

Certification:

- 30 Hour OSHA Training
- Scissor Lift Certification
T-2B Work Plan and Schedule

Critical issues addressed
Critical issues include working in a state hospital with residents in the building. We plan to work in available areas as allowed. All sprinkler fitters on the jobsite will be trained and made aware of the sequences and available working spaces.

Long lead items why they are critical and how they will be managed
Long lead items include an underground storage tank (approximately 12 weeks lead time from time of order), and a fire pump house (approximately 18 weeks lead time from time of order). Once approved, these items will be ordered right away.

Construction challenges proposed solutions and minimize risk
Some challenges include delivery of the fire pump house and water storage tank. These will be coordinated with a crane delivery to unload the fire pump house and storage tank off of the delivery trucks when they arrive onsite. These will need set at specific locations on foundations so these will be coordinated ahead of time. Other challenges include the institutional sprinkler heads. These need to be installed with the locking ring plates at the time of installation after ceilings are completed. We plan to have much coordination between us and the ceiling contractor.

Describe site operations, logistics, controls and practices
Site operations include mobilizing our materials and tools at the start of project. We plan to notify the foreman when a delivery truck is scheduled to arrive. All material not being installed will be located in one location at the tool working area. At the end of each day, all tools will be stored in a locked tool box. Ladders and all other larger equipment will be chained and locked as well.

IT solutions and systems utilized for document control
Our internal servers are automatically backed up on the cloud by an outside 3rd party company to ensure data is maintained and no loss in design time.
Schedule narrative describes challenges, proposed solutions, critical path

The schedule shows the complete installation of the fire sprinkler system as it moves from sequence to sequence. The challenges will be moving from one sequence to another and moving all of our tools to another available area. Solutions involve much coordination between our office, our foreman onsite, other contractors, and the owner. The critical path item is the fire pump house and water storage tank. The bid drawings show this being installed during sequence 2. This will be possible if the design is completed way ahead of schedule and approvals are obtained. However, we see a challenge in obtaining approvals, the approximately 18 weeks of manufacturing, and then install to be ready for phase 2. Further discussion and coordination needs to take place at the time of building the actual final schedule.

Schedule is logical, credible, complete

See the following schedule:

Mobilize for sequence 1 and/or sequence 2

Set fire pump house and water storage tank - 15 working days

Sequence 2 - 1st floor - Install fire sprinkler system - 20 working days
Sequence 2 - 2nd floor - Install fire sprinkler system - 20 working days
Sequence 3 - Ground floor - Install fire sprinkler system - 20 working days
Sequence 3 - 1st floor - Install fire sprinkler system - 20 working days
Sequence 3 - 2nd floor - Install fire sprinkler system - 20 working days
Sequence 4 - Ground floor - Install fire sprinkler system - 20 working days
Sequence 4 - 1st floor - Install fire sprinkler system - 20 working days
Sequence 4 - 2nd floor - Install fire sprinkler system - 20 working days
Sequence 5 - 1st floor - Install fire sprinkler system - 20 working days
Sequence 5 - 2nd floor - Install fire sprinkler system - 20 working days
Sequence 6 - Ground floor - Install fire sprinkler system - 20 working days
Sequence 6 - 1st floor - Install fire sprinkler system - 20 working days
Sequence 6 - 2nd floor - Install fire sprinkler system - 20 working days
Sequence 7 - Ground floor - Install fire sprinkler system - 20 working days
Sequence 7 - 1st floor - Install fire sprinkler system - 20 working days
Sequence 7 - 2nd floor - Install fire sprinkler system - 20 working days
Sequence 8 - Ground floor - Install fire sprinkler system - 10 working days

Triangle Fire Protection, Inc.
T-2C Safety Plan

Triangle’s documented Site Health & Safety Plan is presented to employees upon hire and includes our Emergency Information and Contacts, Emergency Accident Plan, Safety Statement, Safety Requirements, Safety Procedures, Site Specific Fall Protection Plan, Hazard Communication Program, Exposure Control Methods - Crystalline Silica, Quality Management Program, Audits and Inspections Plan, Substance Abuse, Safety and Security Infractions, Background Checks, Project Employee Orientation, and a Summary, then is recorded using a Signature Acknowledgement page.

The majority of our Job Foreman hold their 30-Hour OSHA training and over half of all our fitters hold at minimum a 10-Hour OSHA training. Each journeyman and apprentice also receive their Scissors and Boomlift certification every three years.

OSHA TRAINING: The OSHA Outreach Training Program provides training on the recognition, avoidance, abatement, and prevention of workplace hazards. Outreach classes also provide overview information regarding OSHA, including workers' rights, employer responsibilities, and how to file a complaint. Program Benefits include:
- Promotes safety culture through peer training
- Training is intended to be participatory, using hands-on activities
- Trainers are able to tailor the training topics based on specific needs of their audience
- Outreach training content includes hazard recognition and avoidance, workers' rights, employer responsibilities, and how to file a complaint; it emphasizes the value of safety and health to workers, including young workers
- Outreach training is available in languages other than English (Spanish, Polish, etc.)

The 10-hour training program is primarily intended for entry level workers. The 30-hour training program is intended to provide workers with some safety responsibility a greater depth and variety of training. All outreach training is intended to cover an overview of the hazards a worker may encounter on a job site. Training emphasizes hazard identification, avoidance, control and prevention, not OSHA standards. (OSHA.GOV)

AERIAL WORK PLATFORM TRAINING: Forklift classroom training and operator skills testing is offered for classes 1 through 7 of powered industrial trucks — including counterbalanced, narrow-aisle and wire-guided vehicles. Passing students receive an Operation ID Card, and
records are kept on file at our office. Operator safety training and refresher courses available:

- Forklifts
- Rough terrain forklifts
- Aerial work platforms
- Personal/Utility vehicles
- Carrydeck cranes and skid steer loaders
- Floor sweepers & scrubbers
- Mobile rail car movers  (EQDEPOT.COM)

Safety meetings are a priority on each job site. Our foremen direct weekly Toolbox meetings and bi-weekly safety inspections are completed on site by our Project Manager. In addition, each project has customized MSDS sheets to meets its particular requirements.
T-2D Quality Control Plan

Clear quality expectations, measurements and processes are essential to ensure quality control in a project. Goals include: staying on schedule, on budget, fulfilling the contract, and ensuring our final product. To this aim, regular, clear communication is fundamental.

Triangle's Team will seek to maintain a clear understanding of the project scope and any project changes as they occur. Solutions involve much coordination between our office, our foreman onsite, other contractors, and the owner. Triangle's Project Manager communicates with the job site for schedule updates and work review on a regular basis either in person or via phone and is readily available to the site Foreman. Work summary sheets based on project specifications and bid proposals are reviewed habitually with the Foreman and kept on site for easy review.
TECHNICAL SECTION 3: STAFFING PLAN

Demonstrate we have adequate resources to provide a timely, reliable and adequate supply of properly skilled workers to complete this project safely and on schedule.

T-3A Staffing Resources

We bring quality, integrity, and commitment to every project, and with over 25 years experience in the Sprinkler Industry, our team provides superior service for all your automatic fire protection needs. In addition to our 25 years of service, our base Team has worked together over ten years providing timely, reliable project design, management, and installation for thousands of projects. Each of our Fitters are part of the larger group Sprinkler Fitters Local 669 which governs more than 10,000 active journeymen and more than 2,000 apprentices.
**T-3B Skill Training**

Each of our Sprinkler Fitters has had to complete a 5-year apprenticeship program with Penn State University and also 5 years of on the job training. This apprenticeship program is recognized and approved by both the Federal and State Governments.

Triangle retains a number of employees who maintain a NICET Level I or Level II Certification. NICET's nationally recognized certification programs are designed by industry experts and practitioners to ensure a qualified workforce:

*The Inspection and Testing of Water-Based Systems certification program* is for engineering technicians engaged in the inspection and testing of existing water-based fire protection systems, including identifying and addressing emergency and pre-planned impairments. Areas covered include inspection, testing, documentation, safety, and work management. Technical areas covered include types of water-based systems and their components; types of damage and deficiencies that can impact system operation; basic building features; system inspection and testing frequencies, requirements, and procedures; use of appropriate tools and test equipment; working safely with minimal impact on surroundings; applicable codes and standards, primarily NFPA 25; impairment procedures; and reporting of findings.

- Level I is designed for technicians who perform limited job tasks under direct supervision.
- Level II is for technicians who perform routine inspection and testing tasks under general daily supervision.

**Backflow Training:** NEWWA offers specialized training and certification in cross connection control surveying as well as backflow prevention device inspector/testing. NEWWA utilizes the U.S.EPA Cross-Connection Control Manual, and Recommended Practice for Backflow Prevention and Cross-Connection Control M14, Fourth Edition, which is available through the AWWA bookstore. This course will help students understand cross connection control and provide them with the knowledge to test backflow prevention devices. Written and practical exams for students to become a NEWWA-certified Backflow Prevention Device Inspector/Tester are given on the last day of the course. Classroom and hands-on instruction will cover cross connections and their health hazards; backflow and its many types; how to test three types of backflow prevention devices; how to choose the appropriate device for a facility; troubleshooting; and regulations and codes. Note that NEWWA certification is universally

Triangle Fire Protection, Inc.
accepted (except with Aqua America in Pennsylvania), however, some states such as Massachusetts, Connecticut, and New York require their own certification, separate from the NEWWA certification.

Confined Space Training: The Entrant, Attendant, Supervisor (EAS) Course is an 8-Hour OSHA Permit Required Confined Space (PRCS) session that includes the following elements:

- Initial training requirements for PRCS EAS applicable to the entry of PRCS
- Respiratory Protection Training in accordance with 29 CFR 1910.134 including fit testing for the use of self-contained breathing apparatus and supplied air respirators
- Non-entry rescue retrieval drills

Other certifications and memberships we hold include:

- ASCET - American Society of Certified Engineering Technicians
- CPR
- Hilti Firestop
- FallProtection
- Healthcare Construction Certificate: Education with a comprehensive risk management approach to critical topics in health care construction, including: the health care planning, design, and construction process; Life Safety compliance; construction risk assessment (including general risks and a special focus on infection risks); mechanical, electrical, and plumbing systems (MEP); medical gas systems; medical technology; and project expectations. Latest compliance issues in health care construction, and learn what owners, staff, and patients expect of constructors working in the health care environment.
T-3C Workforce Safety

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