

Gaston County Fire Commission
Certificate of Need Application
Certificate Number: (Certificate # 202410232-21)

Fire Department

Name

Community Volunteer Fire Department

Address

1873 Perfection Rd, Belmont, North Carolina 28012

Chief

Robert Gary Jackson III

Contact Phone #

(704) 813-4938

Board President

Steve Honbaier

Contact Phone #

(704) 691-4215

Fire Department Board Approval / Notification

Yes

General Description of Purchase

Sprinkler and Fire Alarm System Installation.

Time Line of Purchase

Six Months

List Specifics of Purchase

Areas for the Sprinkler, Fire Alarm and Detection System Install include the Apparatus Bay, Training Room, Radio Room, Kitchen, Rest Rooms and associated hallways. Upstairs areas include Common Area, Sleeping Quarters and Storage Room. Total price includes all prep work such as water line tap and associated piping, concrete removal and replacement, electrical work, Fire Alarm command center and all associated equipment. See the provided complete quote for additional specific information. See attachment for all specifics including estimated price of install.

Estimated Cost

\$168,303.00

Financing Information

Lender

Financing not required.

Amount Financed

\$0.00

Rate

0%

Estimated Amount**Number of Payments**

\$0.00

0

Down Payment Amount

\$0.00

Debt Ratio-Current / Post Purchase

Not required for this project.

Any Re-Financing or Bundling

If Yes, then Describe

No

How Will Purchase Benefit the Department (Safety/ISO/Cost Savings, etc)

The primary purpose for this install is to be code compliant in our sleeping quarters which has only one means of egress. Other benefits include total sprinkler system overage for the entire station, new hard-wired CO, Smoke and Heat detection installed in appropriate areas as required.

How Will Purchase be Funded (Long Term - NOT Just Current Year)

AFG Grant was received for \$95,238.00 of the total \$168,303.00. We are asking the Fire Commission for overage funding to cover the balance of \$73,065.00. One half of the total cost is due prior to project start date.

If Purchase is NOT Approved for Funding, Describe Department Alternatives

Option 1 includes petitioning FEMA to amend the grant and install a sprinkler system only the living quarters.

Option 2 is to deny or turn down the grant and have a secondary means of egress engineered and installed from the upstairs sleeping quarters.

Option 3 is to secure financing to complete the project.

Is This a Replacement?

No

If Yes, List Details (Make, Model, Years of Service, Remaining Balance, etc.)

N/A

What Will Become of Old Apparatus / Equipment?

N/A

Has 5 Year Plan Been Submitted?

No

UPLOAD FILE(S)

Item 1

Upload Files

Community Fire Dept Revised Sprinkler and Fire Alarm Quote 7-19-2024.pdf

STAFF ONLY

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Received By (OEMFS Director): <hr/>	Date: <hr/>
Fire Commission Meeting Date: <hr/>	APPROVED NOT APPROVED
Gaston County BOC Meeting Date: <hr/>	APPROVED NOT APPROVED



TOMA

FIRE PROTECTION EQUIPMENT

July 19, 2024

To: Community Fire Dept
1873 Perfection Ave,
Belmont, NC 28012

Attn: Byron Hooker bhooker32@carolina.rr.com

Re: Sprinkler and Fire Alarm Installation

Mr. Hooker,

Toma Fire Protection Equipment Inc. is pleased to offer pricing to install approximately 135 new sprinkler heads and associated piping, new fire alarm system, and underground piping network to feed the new sprinkler system. This work will be in accordance with NFPA 13 72 24. This work will be installed in accordance with designs approved by the authority having jurisdiction. This quote includes the following:

Sprinkler:

- ~135 New Sprinkler Heads.
- (1) New Wet Riser Valve Assembly.
- Materials Needed. (pipe, fittings, etc.)
- Lift Rental.
- Permit and Design.

Fire Alarm:

- (1) Firelite ES-200X Fire Alarm Command Center
- (4) BG-12LX Pull Stations
- (1) Firelite Smoke Detector
- (2) Firelite Monitor Modules for the Sprinkler Riser
- (15) System Sensor Horn Strobes
- (4) System Sensor Strobe Only
- (1) Firelite ANN-80 Annunciator
- (3) System Sensor CO Detectors
- (2) 12V 7AH Batteries
- Material Necessary for Installation (Wire, Boxes, Fittings, ETC)
- Permitting
- Labor For Installation and Testing



TOMA

FIRE PROTECTION EQUIPMENT

Underground:

- Begin at water purveys main. Make 6" tap.
- Install 6" Two Rivers approved above ground backflow preventer with heated enclosure and 4" concrete pad. Electrical by others.
- 234 linear feet of 6" CL-350 Dip fire line.
- One lead into existing building.
- Cut, demolish, and remove from site, 60 linear feet of trench asphalt. (not to exceed 6" thick)
- Patch 60 linear feet of trench asphalt, 6" thick.
- Provide private locate service.
- Remove excess spoils.

Qualifications:

1. New water/fire piping to be installed with 3' of cover.
2. All trenches to be back filled and compacted to 90% standard proctor with excavated materials.
3. TKE safety requirements are based on OSHA Construction Standard. Any safety standards exceeding these which produce extra costs for time, or materials will be billed to the customer.
4. All fittings will be restrained per NFPA and FM standards.
5. Price is based on one mobilization, each additional mobilization will be \$2500.00
6. Anything that is not described in "scope" above is not included in quotation price.
7. C-153 ductile iron fittings are quoted for this project.
8. Current rock removal fees are, \$ 4500.00 (four thousand five hundred dollars) for the first cubic yard and \$1,000.00 (one thousand dollars) for each additional yard.
9. If for any reason it becomes necessary to install the underground piping at a depth greater than (4') four feet, or if water, quicksand, rock, fiber optics or other unforeseen obstructions are encountered or not shown on the plans, or if shoring is required, Buyer is to pay for, as an extra to the contract price, the additional expense involved at the seller's market prices.

Total Price for above work: \$168,303.00

**Plus, applicable taxes.*

Payment terms:

50% Initialization Payment Due Upon Approval of Project.
40% Due Upon 50% Completion of Project.
10% Due Upon Completion of Project.

Exclusions:



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FIRE PROTECTION EQUIPMENT

1. Any deficiencies, additions, and/or repairs not listed above shall be billed separately.
2. Ready access to all portions of the building during normal business hours.
3. Patching, painting, and repair of surfaces to be performed by others.
4. 120 VAC electrical connections or raceways to be performed by others.
5. Changes made by local authority (if applicable) to be quoted separately.
6. Lift Rentals (if required) shall be billed separately.
7. Seismic Bracing and design.
8. 3D/BIM drawing and coordination.
9. Fire Pump design and calculations.
10. Underground piping and fire line connections.
11. Standpipe Systems.
12. Surveying.
13. Landscaping, grass seeding or strawing.
14. Dewatering or well pointing.
15. Cutting or patching of concrete or asphalt other than specified in scope.
16. Rerouting or relocating due to any unforeseen underground obstructions such as water, quicksand, rock, existing underground utilities or any other underground obstruction that cannot be removed in a timely manner that may cause delay to the installation process.
17. Rock removal or disposal (rock defined as 12" solid or larger).
18. Fees, cost of repairs or service charges resulting from damages to unmarked underground utilities.
19. Erosion control devices or maintenance of such.
20. Electrical of any type.
21. Trenching through soil-crete or any other soil hardening additives.
22. Trenching in excess of 4' deep.
23. Trench bedding.

Call me with any concerns.

Robert Burke
Toma Fire Protection Equipment, Inc.
Phone (828) 748-7018
robertburke@tomafireprotection.com www.tomafireprotection.com