



BP#24Y659
Date: 8.26.2024

Angelica Northington
5285 Shawnee Road Suite 510
Alexandria, VA 22312

Subject: Prices to Upgrade Piping, replacing 1.5 gallon bottle with new 3 gallon bottle and replacement of existing 3 gallon bottle with new @ USAR Farrell PA027 950 Sharon-New Castle Road Farrell Pa 16121.

Grunau Company is pleased to provide you with a proposal to upgrade Kitchen Hood Suppression Systems mechanical components and agent at USAR Farrell.

Our scope of work is as follows:

Proposal is based on recommended repairs called out on February 2024 Kitchen Hood Annual Inspection reports. Proposal is also based on requested scope of work in CSS#98742 sent in for Service call W/O 16413.

Please find below specific scope descriptions for the above named facility. All work to take place during (1) mobilization to site M-F 7:00am-3:30pm. Proposal excludes any formal design, permitting or submittals.

Scope of Work- Farrell PA027

Proposal includes the following mechanical modifications to existing Ansul suppression system as well as mechanical discharge piping off this system.

System presently has (2) bottles, (1) 3 gallon bottle and (1) 1.5 bottle. Due to the amount of allowable flow points on the system, customer must replace the existing 1.5 bottle with a 3 gallon bottle. Additionally- instead of making two separate trips to replace chemical on the existing 3-gallon bottle, customer will receive a brand new 3-gallon Ansul bottle to replace the existing unit.

FIRE PROTECTION :: SPECIAL HAZARDS :: FIRE ALARM :: MONITORING :: DESIGN :: SERVICE :: INSTALLATION.

Grunau Company, Inc.
590 East Western Reserve Road
Youngstown, Ohio 44514
Email: Mike.Rubesa@grunau.us

p: 330.620.6334
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Scope on site @ PA027 includes:

- Modification of system piping to accommodate new 3 gallon bottle to be installed in place of existing 1.5 gallon bottle.
- Installation of new kickers. Kicker is the actuation cartridge for the new bottles.
- Replacement of stainless steel tanks and fire suppression liquid/pipe according to manufacturer specs. This includes (2) 3 gallon new Ansul agent tanks and agent to be installed within the tanks.

Farrell PA027 Lump Sum Total: \$3,775.00

Breakouts

Field Labor and Travel to Site 8 hours x \$144.00- \$1,152.00

Materials and Freight (Piping, new chemical agent and new bottles)- \$2,390.00

Tools and Equipment- \$233.00

Note #1- Please note that there is presently an access hatch in the ceiling directly about the existing Ansul unit location. Grunau field personnel will need this access hatch to be opened during mobilization to site so that bottle piping can be modified above ceiling to accommodate the new 3 gallon bottle.

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Note #2 Please note that in addition to the base mechanical and clean agent items listed directly above- this facility has the following additional modifications that should be made to the existing KH unit. These recommendations are as follows:

- Necessity for the installation of relays for electrical shutdown on the Kitchen Hood.
- Grunau recommends providing a micro-switch and install in place-however power electrical wiring to the switch to be by others.
- Grunau recommends tying in alarm system detection to existing Notifier building alarm system.
- Grunau recommends relocation of gas valve- this gas line work to be performed by licensed plumbers.
- Grunau recommends installation of an electrical power outlet behind the range- this to be by power electricians.

Note #3– Grunau's scope of work is focused on the fire protection related items at the above-named facility, specifically KH suppression upgrades/modifications. That said- there are related scope items that are outside of Grunau's internal capabilities that will be needed on this project. This includes power electrical work (tying in shunt trips to main power supply) HVAC (KH make-up air operation) and plumbing (gas valve relocation at PA027 for example) Grunau recommends General Contractor line up these other needed specialty subs and have those representatives from those subs on site for initial kick-off meeting "PCM".

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Our Proposal is based on the Following Qualifications.

1. Work to be completed to all applicable NFPA Standards and local codes.
2. All products and materials related to hood suppression system agent to be manufactured by Ansul.
3. Usage of both domestic and import materials.
4. Proposal is based on USAR maintenance personnel available on site at time of repair visits.
5. Signed documentation provided by Grunau upon repair completion. Signed documentation will be on Grunau standard letterhead documents.
6. All work in base to take place on straight time 1st shift hours M-F 7:00-3:30pm
7. Proposal excludes any work taking place on weekends or during holiday hours.
8. Proposal shall be in accordance with Grunau Company Inc. standard terms and conditions. Our standard insurance program shall apply to this project.

Our proposal excludes the following items

1. Any Kitchen hood cleanings.
2. Any permitting with local building department(s) or other AHJs.
3. Proposal excludes Grunau providing any on-site safety officer at any point in the project.
4. Any replacement/upgrade of Kitchen Range Unit itself or addition of power outlet at PA027 Farrel.
5. Any programming of Simplex fire alarm control panels.
6. Any scope related to HVAC modifications or actual fan operations of exhausts.
7. Any new exhaust fans in the wash rack buildings.
8. Any additional 2025 or beyond Kitchen Hood inspections.
9. Proposal excludes Grunau carrying any bonds.
10. Any modifications to fire sprinkler systems at any of these facilities.
11. Usage of any galvanized pipe.
12. Any fire alarm work not outlined in the scope breakdowns for each site.
13. Any HVAC or plumbing scope.
14. Any new fire alarm drawings or modifications to existing alarm drawings.
15. Any daily safety meetings once mobilized to site for field upgrades to systems.
16. Any work on cooking components of range/ovens or replacement of existing range/ovens.
17. Grunau providing any security for the site during project construction.
18. Power wiring and disconnects
19. Any inspection of underground components or repairs to said components.
20. Any materials other than those listed in the scope description.
21. Removal of any demolished materials from site.

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22. Grunau providing any explosion proof (NEMA) rated enclosures.
23. Any painted pipe or painted conduit.
24. Any overtime or afterhours work.
25. Any work not mentioned herein and / or any non-ferrous materials.
26. Any patching or repairing of any spray on fireproofing.
27. Seismic bracing/restraints.
28. Meet any codes that go above that of NFPA 96.
29. Repairing or replacing any existing sprinkler system piping and/or materials not included in scope of work to resolve any existing system inadequacies.
30. Any fire watch, HEPA Filtration, ICRA, or temporary fire protection

This proposal is good for 30-days. Payment Terms are Net 30-days from date of invoice. Includes Grunau's standard insurance program. Our Standard Terms and Conditions apply.

Please review this proposal carefully and let me know if you have any questions. You can reach me at #330-620-6334.

Date: _____ **Approved by:** _____
PO# _____

Fax to: Grunau Company

Attn: Mike Rubesa

Fax: 330-758-0281

Sincerely,
Grunau Company Inc.

Mike Rubesa

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