



RIEVE FIRE PROTECTION

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FIRE PROTECTION PROPOSAL

CUSTOMER:

Bethel Board of Education
1 School St, Bethel CT 06801

PROJECT LOCATION:

Bethel Middle School
600 Whittlesey Dr, Bethel, CT 06801

PROPOSAL DATE: 01/12/2024

PROJECT NUMBER: 0124-2b

PROJECT DESCRIPTION: Middle School Electric Fire Pump Replacement

PROPOSED SCOPE OF WORK:

Labor and material necessary to replace existing electric fire pump that is at end-of-life to correct performance deficiencies and electric code violations. Electric power requirements of newly installed equipment will be identical to original equipment to allow for replacement without requiring a review of the available capacity from the existing utility service connection or onsite stand-by generator. Price does not include PE stamped electrical drawings if required for town permit approval. If necessary, these plans can be provided for an additional fee. Work performed will be in accordance with NFPA 20-2022 standard for the installation of fire pumps and NFPA 70-2020 National Electrical Code-Article 695.

New fire pump package to include one 25-horsepower electric vertical inline fire pump, one 1-horsepower electric jockey pump, one UL listed combination fire pump controller and automatic transfer switch, and one UL listed jockey pump controller. New electric pumps and controllers to be 460-volt to match existing.

MECHANICAL SCOPE OF WORK:

Will disconnect existing vertical inline primary fire pump and associated jockey pump at flanged connections. Existing supply and discharge piping and shut-off control valves will remain in place to be re-used. Each pump will be provided with a new downstream check valve, and new ½" pressure sensing lines will be installed from each pump check valve to their respective electric controllers in accordance with NFPA 20. After installation, the new pump will be flow tested and commissioned by a representative of the fire pump manufacturer. New initial field test data and commissioning reports will be provided for permanent records.

ELECTRICAL SCOPE OF WORK:

Will disconnect and remove existing fire pump combination controller-automatic transfer switch, and jockey pump controller. Will remove and replace feeder conductors in underground conduit from primary overcurrent protection device on building exterior to fire pump room. Scope of work to begin at existing 400-amp primary overcurrent protection device which will remain and be re-used. Secondary overcurrent protection device in electrical room is not allowable per code and will be removed. New junction box will be provided in place to allow for tap connection for power wiring to jockey pump controller. New fire pump and jockey pump controllers to be mounted to room walls, and new conduit and wiring will be installed to new pumps. All new wiring will be provided above ground, and any unnecessary underground conduit will be closed with threaded plugs and abandoned in place.

Existing secondary power supply provided by stand-by generator will be reconnected to new combination controller-transfer switch. Scope of work to begin at existing disconnect switch in fire pump room which will remain and be re-used. New conduit and wiring for generator will be provided for re-connection work in fire pump room only and excludes any new wiring from pump room to exterior generator location. Proposal does not include any work on generator if necessary. Owner may be required to have the generator service company provide assistance during final testing and commissioning of fire pump.

Price excludes CT sales tax for municipal entity. Price excludes prevailing wage rates for repair work totaling less than \$100,000.00

EXCLUSIONS:

DESIGN • INSTALL • INSPECT • MAINTAIN

Price does not include any alarm wiring or programming work necessary to place new fire pump in service. Price does not include cost of permit or plan review fees if required by local authority. Price does not include any concrete cutting or patching. Price does not include premium time, work to be done during normal business hours. Price does not include cost of Fire Watch if required by local authority.

PAYMENT TERMS: PROPOSAL TOTAL: \$71,750.00

Deposit of \$5000.00 for design work and permit process due upon contract. Second deposit of \$45,000.00 due prior to ordering of fire pump from manufacturer. Subsequent payments due upon invoice. Any balances due over 15 days are subject to a 1-1/2% Finance Charge per month. Customer agrees to pay all costs of collection including reasonable attorney fees.

STANDARD TERMS AND CONDITIONS:

- 1.Scope of Undertaking. Contractor will perform the services described above (the Work). No other services are included. The amount payable to the Contractor for the Work is based solely upon the value of the services performed and is unrelated to the value of the Customer's property and/or the property of others located in/on the premises. Contractor makes no guaranty or Warranty that equipment or services supplied by Contractor will detect or avert occurrences or the consequences there from that the equipment or services are designed to detect or avert. Insurance requirements above our standard coverage will be in addition to the above quoted price.
- 2.Existing System. Where new work is connected to an existing system, any deficiencies detected in the existing system during testing or charging of the system are the responsibility of the Customer and are not covered by any warranties that may be applicable to the Work. Customer releases Contractor from any and all claims regarding the existing system and any damage or injury caused by or to the existing system.
- 3.Actions by others. In no event shall Contractor be liable for any damage, loss, injury, or any other claim arising from any servicing, alterations, modifications, changes, or movements of the covered system(s) or any of its component parts by the Customer or any third party.
- 4.Waiver of Subrogation. The Contractor is not an insurer against loss or damage. Sufficient insurance shall be obtained by Customer to cover the premises (and property therein) where the work will be performed. Customer agrees to rely exclusively on Customer's insurance to recover for injuries or damage in the event of any loss, damage or injury to the premises or property therein. Customer, for itself and all others claiming by or through it under this Agreement, releases, and discharges Contractor from and against all damages covered by Customer's insurance, it being expressly agreed and understood that no insurance company, insurer or other entity/individual will have any right of subrogation against Contractor.
- 5.Incidental/Consequential Damages. Contractor shall not be liable for indirect, incidental, or consequential damages of any kind, including but not limited to damages arising from the use, loss of use, performance, or failure of the covered system(s) to perform.
- 6.LIMITED WARRANTY. CONTRACTOR WARRANTS THAT ITS WORKMANSHIP AND MATERIAL (the Work) FURNISHED UNDER THIS CUSTOMER WORK ORDER WILL BE FREE FROM DEFECTS FOR A PERIOD OF ONE YEAR FROM THE DATE SAID WORK IS COMPLETED. CONTRACTOR AGREES TO REPAIR OR REPLACE THE WORK PROVIDED THE WORK HAS NOT FAILED DUE TO CIRCUMSTANCES UNRELATED TO THE MATERIALS OR WORKMANSHIP FURNISHED BY CONTRACTOR. EXCEPT AS EXPRESSLY SET FORTH HEREIN, CONTRACTOR DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE SERVICES PERFORMED OR THE PRODUCTS, SYSTEMS OREQUIPMENT, IF ANY, SUPPLIED HEREUNDER.

ACCEPTANCE OF PROPOSAL - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Rieve Fire Protection – Firestop Inc

Bethel Board of Education

Authorized Signature

Date

Authorized Signature

Date

This proposal may be withdrawn by us
If not accepted within (30) Thirty Days

Printed Name and Title

Firestop, Inc. / Rieve Fire Protection is fully licensed and insured.
CT Fire Protection FRP.0011024-F1 - CT Auto Fire Sprinkler Layout Technician AST.0000068