

TOWN OF WAITSFIELD

REQUEST FOR PROPOSALS

FIRE DEPARTMENT PERSONAL PROTECTIVE EQUIPMENT EXTRACTOR INSTALLATION

The Town of Waitsfield is accepting written proposals from qualified contractors to install a PPE Extractor at the Waitsfield-Fayston Fire Department at 4061 Main Street, Waitsfield VT 05673.

Questions can be submitted to the contacts below – **all questions are due by May 1st, 2024.** The responses to all questions will be posted publicly on our website and distributed to all parties. **Proposals shall be submitted no later than 5:00 PM on Wednesday, May 8th, 2024.** They must be emailed to:

waitsfld@gmavt.com (Randy Brittingham, Town Treasurer/GrantAdministrator)

All submitted proposals will be forwarded to the Town Selectboard for review and approval/award (anticipated late May). Qualifications, scope, cost, references, and similarly completed projects will all be considered prior to selection.

Project Narrative

The Waitsfield-Fayston Volunteer Fire Department received a PPE Extractor through a federal grant program in 2022 to remove hazardous chemicals from fire turnout gear. The extractor has not been in use since its receipt due to environmental reviews, as well as the level of effort involved in connecting the unit, coordinating hazardous waste disposal, and inspecting the holding tank. The Town is soliciting proposals for the installation of the Extractor to include site work, plumbing, and electrical. The holding tank inspection and hazardous waste removal will be completed under separate contracts.

General Notes and Permit Compliance

Refer to approved site plan by Grenier Engineering, PC- dated 2/14/2023- Sheet C-1 (Permit #WW-5-0298-1). Contractors to work with Grenier Engineering, PC on tank installation to allow for inspection and certification via the WW permit.

Camp Precast (info@campprecast.com) [(802) 893-2401] is highly recommended for tank construction and alarm controls.

Permit Requirements

1. The wastewater holding tank shall be tested for water tightness in accordance with Section 1-1010 of the Environmental Protection Rules (2019 edition) under the direction of a Class 1 or Class B Licensed Designer. The results of the leakage test and a description of the test method

used shall be specifically addressed and included in the designer's Installation Certification. Compliance with this condition is required prior to use of the extractor machine served by the holding tank.

2. A water meter or meters shall be installed on the water supply distribution piping at the direction of a Class 1 or Class B Licensed Designer. Water meter installation further described in construction details below.

3. Please contact Grenier Engineering, PC regarding permit requirements and tank construction.

Construction Overview Brief

Interior Construction

- Plumber to provide drain line in accordance with applicable plumbing code and extractor machine specifications to the northern exterior wall of the Fire Station.
- Plumber to provide water line in accordance with applicable plumbing code and extractor machine specifications to the extractor machine.
- Plumber to install water meter on the individual water service line to the extractor machine (required by permit for water meter readings, see above).
- Plumber/contractor to provide drain line penetration under the building slab to exit the building in 4" SDR 35 PVC pipe as shown on the site plan (Exact pipe & tank location to be determined during construction based on extractor machine final location). Pipe elevation to be 2' +/- under the slab to provide cover.

Exterior Construction

- Contractor to sawcut pavement as necessary for install of 4" SDR 35 PVC drain line and for holding tank location. 3' to 5' of sawcut is anticipated for tank location as shown on site plan.
- Contractor to excavate for installation of 4" SDR 35 PVC drain line and for holding tank. Holding tank excavation is to allow for standard 12" crushed stone base beneath tank.
- Contractor to determine elevation of outgoing drain line at the building prior to setting the tank to ensure proper pipe slope on drain line (2% minimum).
- Contractor to lay pipe at consistent down gradient slope to the holding tank inlet.
- Contractor to provide 2" rigid foam insulation over drain line in parking area.
- Electrician to provide conduit for alarm control connection to holding tank. Electrician to be responsible for wiring of alarm controls.

- Electrician/contractor to install holding tank alarm control panel on rear corner of building or on a plywood backboard with 4"x4" pressure treated posts.
- Contractor to properly backfill drain line trench and tank location.
- Contractor to repair and patch pavement over drain line, including proper compaction of soils.
- Contractor to install protective bollards (or boulders) on parking lot side of tank location to ensure protection from snowplowing and/or other vehicular traffic.
- Seed and mulch of disturbed earth area around the tank location as necessary.

Proposal Format

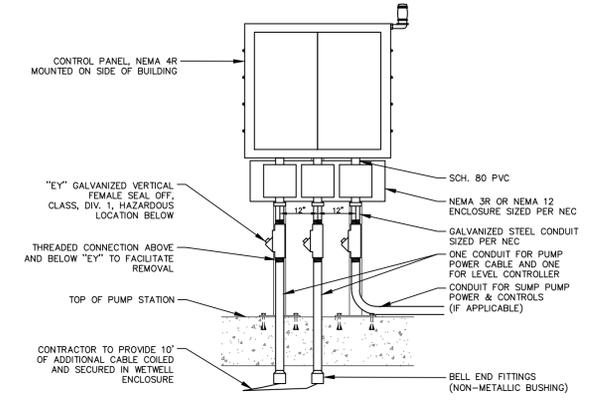
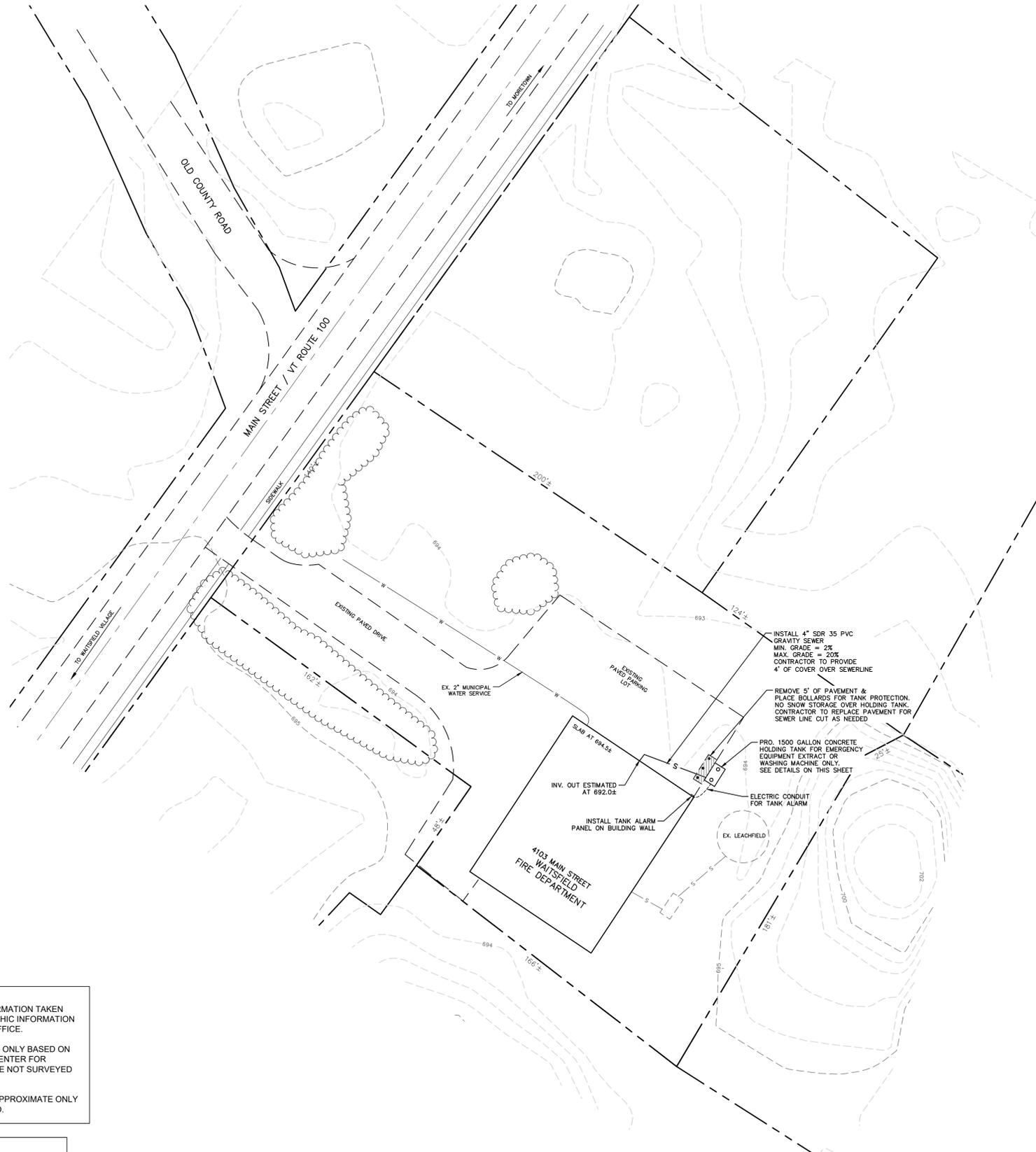
- Proposals are limited to 10 pages.
- Proposals should be sent via email to the Town Administrator and Grant Administrator.
- Contractor must include price summary, scope of work, period of performance, and relevant past performance.

Evaluation Criteria

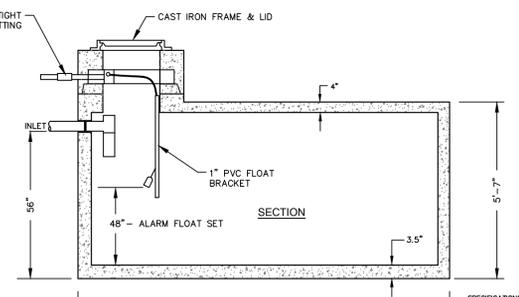
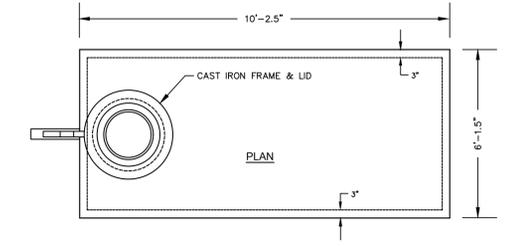
Proposals will be evaluated using the following criteria:

- Price – The lowest price, technically acceptable proposal will be considered to be in the best interest of the Town. Technical acceptability will be determined on a pass/fail basis using the contractors proposed scope of work as reference.
- Past Performance – Past Performance will be rated on a pass/fail basis. If a contractor displays competency in performing this work based on past experience completing similar projects, they will be deemed to have passed. If adequate past performance is not demonstrated, the contractor will be deemed to have failed.

END OF RFP



CONTROL PANEL FRONT VIEW
N7S



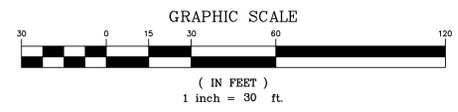
- NOTE: DIMENSIONS SHOWN ARE APPROX.
- SPECIFICATIONS:
- CONCRETE MINIMUM STRENGTH 5000 PSI @ 28 DAYS
 - STEEL REINFORCEMENT GRADE 60
 - JOINTS SEALED WITH BUTYL SEALANT
 - INLET AND OUTLET Baffles BY OTHERS
 - #20 LAPPING

1500 GALLON HOLDING TANK
N7S

NOTES
 EXISTING LIDAR CONTOURS BASED ON INFORMATION TAKEN FROM THE VERMONT CENTER FOR GEOGRAPHIC INFORMATION (VGI) AND WERE NOT SURVEYED BY THIS OFFICE.
 PROPERTY LINES SHOWN ARE APPROXIMATE ONLY BASED ON INFORMATION TAKEN FROM THE VERMONT CENTER FOR GEOGRAPHIC INFORMATION (VGI) AND WERE NOT SURVEYED BY THIS OFFICE.
 EXISTING TOPOGRAPHICAL FEATURES ARE APPROXIMATE ONLY AND WERE DRAWN FROM ANR AERIAL PHOTO.

LEGEND

---	PROPERTY LINE
---	EDGE OF PAVED ROAD/DRIVE
W	EX. WATER LINE
S	EX. GRAVITY SEWER LINE
S	PRO. GRAVITY SEWER LINE
-500-	EX. CONTOURS
~	EX. TREE LINE



DESIGN FLOW FOR HOLDING TANK

22 WASHINGS/YEAR * w/7 LOADS PER USE x 154 GALLONS/USE ** = 3,388 GPD/YR/12 MONTHS = 282 GALLONS/MONTH

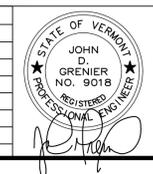
* - INCLUDES SAFETY FACTOR OF 2

** - MANUFACTURERS SPEC = 22 GALLONS/LOAD

PROPOSED HOLDING TANK SIZE = 1500 GALLON CONCRETE - SIZING ADEQUATE TO MEET HOLDING TANK REQUIREMENTS UNDER SECTION 1-928(e)

NOTE: ORIGINAL PLAN 24" x 36". OTHER SIZES NOT TO SCALE

No.	Date	Revision	By



PROPOSED SITE PLAN
WAITSFIELD FIRE DEPARTMENT
 4103 MAIN STREET
 WAITSFIELD

P.O. Box 445
 Waterbury, VT 05676
 TEL (802) 244-6413
 FAX (802) 244-1572
 grenierengineering.com

Date: 2.14.23
 Scale: 1" = 30'
 Designed: CMA
 Drawn: TJM
 Checked: JDG
 Sheet No: C-1