

**Village of Suffern
Department of Public Works
Village Hall Replacement of Boilers Project
August 2023**

Project Outline

Introduction

The Village of Suffern has been awarded a grant from the Dormitory Authority of the State of New York (DASNY) for the replacement of boilers at Village Hall. The existing large steam gas fired boiler services the majority of the first and second floors of Village Hall. The existing hot water gas fired boiler services a portion of the first floor and the Police Department in the basement.

Discussion

This project shall be in compliance with all DASNY requirements.

All wages must comply with New York State Department of Labor Prevailing Wage Rates as well as the U.S. Department of Labor (USDOL) Davis-Bacon and related regulations. (See USDOL website).

The prime contractor and any subcontractor must submit certified payroll documentation with Applications for Payments.

The Village of Suffern has adopted an Apprenticeship Program for Public Works Projects exceeding \$250,000.

Scope of Work

The Contractor shall provide all equipment, materials, labor, tools and supervision for the replacement of one (1) gas fired steam boiler and one (1) gas fired hot water boiler located within the basement boiler room of Village Hall, 61 Washington Avenue.

Installations must comply with all local codes, laws, regulations and ordinances, also National Fuel Gas Code ANSI Z 223-1 latest edition.

Installations must conform to Standards for Controls and Safety Devices for Automatically Fired Boilers, ANSI/ASME CDS-1.

Steam Boiler

- Disconnect and demolish existing steam boiler, breaching and pump skid. As well as boiler room condensate piping.
- All demolished equipment, material and associated debris to be removed from site and properly disposed of.
- Furnish and install one (1) new natural gas cast iron steam boiler and burner- Well McLain LGB Commercial Gas Boiler 2080 MBH Natural Gas, Model LGB-17-S or approved equal. Including all associated piping, electric, required control and all miscellaneous items required for a complete and comprehensive installation.
- Furnish and install one (1) new condensate tank and pump skid, replace boiler room condensate piping.
- Connect new boiler to a new welded steam header and condensate returns.
- Connect to existing gas, water, electric and chimney as required.
- Start up and test.

Hot Water Boiler

- Disconnect and demolish existing hot water boiler.
- Furnish and install one (1) new natural gas hot water boiler and burner- Well McLain CGI Gas Fired Hot Water Boiler Model CGa-4-PIDN-85K BTU Chimney Vent or approved equal. Including all associated piping, electric required controls and all miscellaneous items required for a complete and comprehensive installation.
- Furnish and install one (1) new in-line boiler expansion tank.
- Connect to existing gas, water, electric and chimney as required.
- Start up and test.