



1220 Copper Ridge Lane • Ketchikan, Alaska • 99901
t:907.225.9466 • f:907.225.9467

Craig Middle School Boiler Replacement Request For Proposal

To: Craig School District
Daniel Nelson

From: Micah Henrick
Project Superintendent
Date: 08/29/2023

Scope of Work:

Ketchikan Mechanical will provide/perform the following to integrate the new, school district provided, Weil Mclain WGO-4 boiler into the existing heating system.

- Connect the heating supply of the new boiler to the existing 2.5" heating supply line at the inlet to the 3 way valve.
- Connect the heating return of the new boiler to the existing 2.5" heating return line, immediately upstream of the existing boiler tie in point.
- The piping from the new boiler will begin with black iron and transition to oxygen barrier pex piping approximately 18" from the boiler connections. The pex piping has been chosen to bring the price point of the project down.
- The existing fuel oil supply and return lines will be demolished back to the isolation valves. New black iron piping will be used to pipe the fuel supply to the new boiler from the existing isolation valve.
 - A Tiger Loop Ultra TM (fuel de-aerator and filter combo) will be installed in conjunction with the new fuel oil supply.
 - The existing return line will be capped off and abandoned.
- The new boiler will be energized using one of the two existing boiler circuits. The new boiler installation will receive a service switch at the boiler and the boiler will be wired per code.
 - No existing building controls will be integrated to the new boiler. It is our understanding that most of the control system is non-functional. The new boiler and it's factory supplied safety devices (Hydrostat, circ pump, etc.) will be wired through the factory harnesses and the boiler will be set to operate off the factory integrated safeties.
- The new boiler will receive a combustion analysis and be tuned for optimum performance at completion. A printed combustion report will be provided to use as a baseline for future maintenance.
- This proposal includes the following:
 - Travel
 - Per Diem
 - Housing
 - Mobilization
 - Shipping

Exclusions:

Controls
Cutting & Painting
Equipment for Lifting Heavy Materials

Patching – Interior & Exterior
Excavation & Core Drilling
Compaction, Backfill, Concrete

This quotation has been prepared for your convenience per our interpretation of the specifications sent to us. Your protection is a recheck of the material contained herein. Fixtures are white except where noted. Prices quoted are guaranteed for a period of 30 days unless otherwise stated, from the date of this quote and do not include any state, federal or municipal taxes. Clerical errors are subject to correction.

Plumbing • Heating • Cooling • Process Piping • Sheetmetal Fabrication • Sprinklers



Ketchikan Mechanical Inc.

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Equipment Curbs & Pads

Floor Removal to Access Plumbing

Scaffolding & Manlifts

Architectural Louvers

Chlorination Testing & Fire Sprinklers

Video Documentation & Training

Demolition and Removal of Existing Boilers

Mechanical Insulation

Access Panels & SWWWP

Piping Past 5' of the Building

Performance, Payment or Bid Bonds

Sealing Roof Penetrations

Saw Cutting / Asphalt and Concrete


Supplying of New Boiler

Abatement

Glycol

Proposal:

Price to furnish material and labor for the above scope of work is Twenty-Five Thousand, Nine Hundred Seventeen Dollars and Nineteen Cents \$25,917.19

By:  Date: 08/29/2023
Micah Henrick – Project Superintendent

Acceptance of Quoted Proposal:

The Quoted price is hereby accepted. You are authorized to do the work as specified.

By: _____ Date: _____
Title: _____

****Proposal Prices Are Valid For 30 Days****