

**RAPID CITY DEPT. OF FIRE AND
EMERGENCY SERVICES**



OPERATIONS DIVISION

LF111208-11

DATE: November 12, 2008
TO: Chief Rohlfing
FROM: A/C Tim Kobes
SUBJECT: Stn 3 Heat System Repairs

Here are the only two quotes I received back for Stn 3 project. I had also requested one from Western Mechanical, but as of 9:30 this morning had not received one. Called them and advised I needed their quote today by 10:00 so we could proceed.

PDI- Plumbing Design & Installation	\$39,730
Option to add 4' of fin tube in the back 2 dorms	\$350 per room.
Action Mechanical	\$38,250
Option exceeded in the quote	
Western Mechanical	No quote

Recommend we go with Action Mechanical.

Plumbing Design & Installation, Inc.

2740 Haines Avenue • Rapid City, South Dakota 57701

Phone: (605) 787-PIPE (7473) • FAX: (605) 787-5847 • E-Mail pdi@midconetwork.com

TO: **Tim Kobes**
Rapid City Fire Department
10 Main Street
Rapid City, SD 57701

11/10/08

Revised Quote

RE: **Fire Station #3**
Revise existing boiler system

The following is the scope of our mechanical bid for revising the existing heating system. This bid is based on site visits and system layout and equipment provided by Mr. Jeff Medley. It is also based on the information provided by Mr. Randy Smart and includes control work by Viking Mechanical. System chemicals will be by Aqua-Chem and will be completed under their supervision.

Heating Inclusions:

- Flush existing hot water heating system to remove all existing chemicals
- Disconnect existing snow melt system, cap and abandoned in place
- Remove existing boiler
- Install new high efficiency Weil-McLain Ultra 310 Boiler
- Connect new boiler to existing boiler flues
- Install new Air Eliminator & Expansion tank
- Revise existing piping in boiler room as required for proper operation
- Remove existing circulating pumps
- Install new pumps as required for the revised system
- Revise existing heating pipes for dorm rooms & office with larger mains
- Install new thermal zone valves into system
- Revise existing controls for proper system operation
- Install alum heat transfer panels on in-floor heat piping below toilet rooms (115 & 116)
- Clean & Flush the revised system with the proper chemicals
- Add proper system treatment chemicals into system
- Reconnect existing indirect water heater & install new pump
- Re-insulate heating water pipes
- Excise Tax

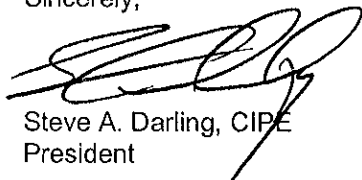
Warranty - One year on all materials supplied and installed by Plumbing Design & Installation

Heating bid: **\$ 39,730.00**

Alternate: **\$ 350.00 per room**
(Add 4' of fin tube radiation within dorm room)

Please call if you have any questions and thank you for allowing us to bid this project!

Sincerely,



Steve A. Darling, CIPE
President

Plumbing and Heating Systems

The information on this sheet is private and the property of P.D.I

PROPOSAL

Action Mechanical, Inc.

1856 LOMBARDY DRIVE, RAPID CITY, SD 57701-4130
PHONE: (605) 348-5212 FAX: (605) 348-6984

SUBMITTED TO:	CITY OF RAPID CITY 300 6th ST. RAPID CITY, SD. 57701	PHONE:	394-4180	FAX:	394-6754	DATE:	October 31, 2008	
ATTENTION:	TIM KOBES	JOB NAME:	BOILER REPLACEMENT & MISC. PIPING		JOB LOCATION:			FIRE STATION # 3

We hereby submit specifications and estimates for:


- 1 THE DEMOLITION AND REMOVAL OF EXISTING BOILER, PUMPS, GAUGES, CIRCUIT SETTERS, AND ZONE VALVES, AND TECHMAR CONTROL AND TURN OVER TO THE CITY FOR DISPOSAL. INSTALLATION OF NEW WEIL-McLAIN ULTRA 310 BOILER WITH THE NECESSARY PIPING, VALVES PUMPS, EXPANSION TANK, AND CONTROLS, PER JEFF MEDLEYS' RECOMMENDATIONS.
- 2 DEMOLITION OF EXISTING BASE BOARD, ZONE VALVES AND UNDERSIZED PIPING IN CRAWL SPACE. TURN BASEBOARD AND ZONE VALVES OVER TO CITY FOR DISPOSAL
- 3 INSTALL (8) PIECES OF 10" BASEBOARD WITH CONTROLS, AND NECESSARY PIPING IN CRAWL SPACE.. DEMO 1/2" PIPING FROM MECHANICAL ROOM TO DECON ROOM.
- 4 INCREASE PIPE SIZE TO 3/4" SUPPLY AND RETURN FROM MECHANICAL ROOM TO DECON ROOM MANIFOLD.
- 5 INSTALL 165 SQ. FT. OF EXTRUDED ALUM. HEAT TRANS. PLATES UNDER THE BATHROOMS RE-INSTALL PIPING AND REPLACE INSULATION.
- 6 HOOK-UP THE DISCONNECTED INDIRECT FIRED WATER HEATER, WITH MANUAL BYPASS SO THAT THE ELECTRIC WATER HEATER COULD BE OPERATED DURING SUMMER MONTHS.
- 7 CAP OF EXISTING PIPING TO SNO-MELT IN MECHANICAL ROOM.
- 8 CLEAN AND FLUSH ENTIRE SYSTEM AND ADD HERCULES-100/AL BOILER ANTI-FREEZE. START-UP, AND (2) YEAR WARRANTY PER CITY STANDARD SPECIFICATIONS INCLUDED.

We Propose hereby to furnish material and labor - complete in accordance with the above specifications, for the sum of:

THIRTY-EIGHT THOUSAND TWO HUNDRED FIFTY & 00/100 DOLLARS: \$ **38,250.00**

payment to be made as follows: **BASED ON CONTRACT AGREEMENT**

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alterations or deviations from the above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, wind damage and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

AUTHORIZED SIGNATURE 
DAN MICHAEL

Note: This proposal may be withdrawn by us if not accepted within 30 days.

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.

Date of Acceptance: _____ Signature _____
Signature _____