

Plumbing and Heating Maintenance Service at County Facilities

SPECIFIC SERVICES		Beaver Mechanical Contractors, Inc. Hagerstown, MD	Mick's Plumbing & Heating, Inc. Thurmont, MD
1	ADMINISTRATION COMPLEX		
	Annual Price: Three (3) Boilers – Gas - Oil	\$800.00	\$2,580.00
	Annual Price: One (1) 1" Backflow Preventer (BFP)	\$90.00	\$180.00
	Annual Price: One (1) 2" Backflow Preventer (BFP)	\$120.00	\$180.00
	Annual Price: Three (3) ¾" Backflow Preventers (BFP)	\$150.00	\$540.00
	Annual Price: One (1) 4" Backflow Preventer (BFP)	\$200.00	\$180.00
	Annual Price: One (1) 6" Backflow Preventer (BFP)	\$240.00	\$180.00
2	ADMINISTRATIVE ANNEX		
	Annual Price: One (1) Boiler - Gas	\$295.00	\$860.00
3	AGRICULTURAL EDUCATION CENTER – Rural Heritage Museum/Extension Services Offices		
	Annual Price: Two (2) Boilers - Oil	\$540.00	\$1,720.00
4	AGRICULTURAL EXTENSION SERVICES		
	Annual Price: One (1) 1" Backflow Preventer (BFP)	\$100.00	\$180.00
5	AGRICULTURAL MULTI-PURPOSE AREA		
	Annual Price: Two (2) 1-½" Backflow Preventers (BFP)	\$220.00	\$360.00
6	ANTIETAM WASTEWATER TREATMENT PLANT		
	Annual Price: One (1) Boiler - Hot Water	\$290.00	\$860.00
	Annual Price: One (1) 2" Backflow Preventer (BFP)	\$140.00	\$180.00
7	AIRPORT HANGAR #31		
	Annual Price: One (1) 6" Backflow Preventer (BFP)	\$250.00	\$180.00
8	AIRPORT TERMINAL		
	Annual Price: One (1) ½" Backflow Preventer (BFP)	\$50.00	\$180.00
	Annual Price: One (1) 2" Backflow Preventer (BFP)	\$120.00	\$180.00
9	AIRPORT MAINTENANCE SHOP		
	Annual Price: One (1) ¾" Backflow Preventer (BFP)	\$80.00	\$180.00
	Annual Price: One (1) 1" Backflow Preventer (BFP)	\$95.00	\$180.00
	Annual Price: One (1) 6" Backflow Preventer (BFP)	\$250.00	\$180.00
10	AIRPORT FIRE STATION		
	Annual Price: One (1) 2-½" Backflow Preventer (BFP)	\$140.00	\$180.00
	Annual Price: One (1) 4" Backflow Preventer (BFP)	\$225.00	\$180.00

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11	BOONSBORO LIBRARY		
	Annual Price: One (1) Boiler - Oil	\$375.00	\$860.00
	Annual Price: One (1) 1" Backflow Preventer (BFP)	\$100.00	\$180.00
12	CONOCOCHEAGUE WWTP CONTROL LAB		
	Annual Price: One (1) 2" Backflow Preventer (BFP)	\$125.00	\$180.00
13	CONOCOCHEAGUE WWTP HEADWORKS BUILDING		
	Annual Price: One (1) 2" Backflow Preventer (BFP)	\$125.00	\$180.00
14	CONOCOCHEAGUE WWTP BIOMAG BUILDING		
	Annual Price: One (1) ¾" Backflow Preventers (BFP)	\$85.00	\$180.00
15	CONOCOCHEAGUE WWTP SOLIDS BUILDING		
	Annual Price: Two (2) 2" Backflow Preventers (BFP)	\$220.00	\$360.00
16	COUNTY COMMUTER BUILDING		
	Annual Price: One (1) Boiler - Oil	\$290.00	\$860.00
17	COUNTY OFFICE BUILDING		
	Annual Price: One (1) Boiler – Gas - Oil	\$290.00	\$860.00
	Annual Price: One (1) ¾" Backflow Preventer (BFP)	\$75.00	\$180.00
18	COURT HOUSE AND ANNEX		
	Annual Price: Two (2) Boilers – Gas - Oil	\$520.00	\$1,720.00
	Annual Price: Two (2) 1" Backflow Preventers (BFP)	\$180.00	\$360.00
	Annual Price: Four (4) ¾" Backflow Preventers (BFP)	\$260.00	\$720.00
19	DETENTION CENTER		
	Annual Price: Three (3) Boilers - Gas	\$825.00	\$2,580.00
	Annual Price: Three (3) 1" Backflow Preventers (BFP)	\$250.00	\$540.00
	Annual Price: One (1) 1-¼" Backflow Preventer (BFP)	\$90.00	\$180.00
	Annual Price: Two (2) 4" Backflow Preventers (BFP)	\$400.00	\$360.00
	Annual Price: One (1) ½" Backflow Preventer (BFP)	\$50.00	\$180.00
	Annual Price: One (1) 3" Backflow Preventer (BFP)	\$125.00	\$180.00
20	EMERGENCY MANAGEMENT FIELD OPERATIONS UNIT		
	Annual Price: One (1) Boiler – Gas	\$240.00	\$860.00

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21	HEALTH DEPARTMENT		
	Annual Price: Five (5) Boilers - Gas	\$1,275.00 *	\$4,300.00
22	HIGHFIELD PUMP STATION		
	Annual Price: One (1) 1-½" Backflow Preventer (BFP)	\$105.00	\$180.00
23	HIGHWAY DEPARTMENT MAIN OFFICE		
	Annual Price: One (1) Boiler - Gas	\$290.00	\$860.00
	Annual Price: One (1) ¾" Backflow Preventer (BFP)	\$80.00	\$180.00
24	HIGHWAY DEPARTMENT - BIG POOL		
	Annual Price: One (1) Boiler – Oil	\$295.00 *	\$560.00
25	HIGHWAY DEPARTMENT - KEEDYSVILLE		
	Annual Price: One (1) Boiler – Oil	\$305.00	\$860.00
	Annual Price: One (1) ¾" Backflow Preventer (BFP)	\$85.00	\$180.00
26	HIGHWAY DEPARTMENT PAINT & WELD SHOP		
	Annual Price: One (1) Boiler – Oil	\$295.00	\$860.00
27	HIGHWAY DEPARTMENT - SMITHSBURG		
	Annual Price: One (1) Boiler - Oil	\$350.00 *	\$860.00
28	LEONARD P. SNYDER LIBRARY – CLEAR SPRING		
	Annual Price: One (1) Boiler – Oil	\$390.00	\$860.00
	Annual Price: One (1) 2" Backflow Preventer (BFP)	\$140.00	\$180.00
29	MARTIN LUTHER KING CENTER, including Memorial Recreation Center		
	Annual Price: One (1) Boiler – Oil	\$525.00	\$900.00
30	MAUGANS MEADOWS PUMP STATION		
	Annual Price: One (1) 1" Backflow Preventer (BFP)	\$95.00	\$180.00
31	PEN MAR PUMP STATION		
	Annual Price: One (1) 1" Backflow Preventer (BFP)	\$100.00	\$180.00
32	SMITHSBURG LIBRARY		
	Annual Price: One (1) Boiler – Oil	\$390.00	\$860.00
	Annual Price: One (1) 1" Backflow Preventer (BFP)	\$95.00	\$180.00
33	SMITHSBURG WASTEWATER TREATMENT PLANT		
	Annual Price: One (1) ¾" Backflow Preventer (BFP)	\$85.00	\$180.00
	Annual Price: One (1) 2" Backflow Preventer (BFP)	\$130.00	\$180.00

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34	ST. JAMES PUMP STATION		
	Annual Price: One (1) 1" Backflow Preventer (BFP)	\$100.00	\$180.00
35	WATER QUALITY MAINTENANCE BUILDING		
	Annual Price: One (1) 1-1/2" Backflow Preventer (BFP)	\$120.00	\$180.00
36	WILLIAM J. DWYER CENTER		
	Annual Price: One (1) Boiler - Gas - Oil	\$290.00	\$860.00
37	WINEBRENNER WASTEWATER TREATMENT PLANT		
	Annual Price: One (1) Boiler - Oil	\$390.00	\$860.00
	Annual Price: One (1) 1-1/2" Backflow Preventer (BFP)	\$120.00	\$180.00
38	PUBLIC FACILITIES ANNEX		
	Annual Price: One (1) 3/4" Backflow Preventer (BFP)	\$80.00	\$180.00
	Annual Price: One (1) 1-1/2" Backflow Preventer (BFP)	\$110.00	\$180.00
	Annual Price: One (1) 2" Backflow Preventer (BFP)	\$125.00	\$180.00
	Annual Price: One (1) 8" Backflow Preventer (BFP)	\$270.00	\$180.00
39	MARTY SNOOK PARK		
	Annual Price: Two (2) 2" Backflow Preventers (BFP)	\$220.00	\$360.00
	Annual Price: One (1) 3/4" Backflow Preventer (BFP)	\$80.00	\$180.00
40	SHARPSBURG PIKE PUMP STATION		
	Annual Price: One (1) 1" Backflow Preventer (BFP)	\$100.00	\$180.00
Base Bid - Specific Services Required:		\$16,055.00	\$37,200.00
HOURLY RATES			
Consulting and Design Service (Hourly Rate)		\$110.00	\$125.00
Regular Working Hours - Routine			
Plumber (Hourly Rate):		\$132.00	\$110.00
Helper (Hourly Rate):		\$132.00	\$90.00
Evenings and Saturdays - Emergency			
Plumber (Hourly Rate):		\$198.00	\$165.00
Helper (Hourly Rate):		\$198.00	\$135.00
Sundays and Holidays - Emergency			
Plumber (Hourly Rate):		2 bids	\$165.00
Helper (Hourly Rate):		2 bids	\$135.00

PUR-1621
Plumbing and Heating Maintenance Service at County Facilities

Total Bid Formula	*	*
Total: Base Bid Specific Services -	\$16,055.00	\$37,200.00
Plus 650 Hours x Hourly Rate of Regular Plumber -	\$85,800.00	\$71,500.00
Plus 300 Hours x Regular Hourly Helper Rate -	\$39,600.00	\$27,000.00
TOTAL BID	\$141,455.00	\$135,700.00

*Corrected calculations based on Unit Pricing

Repair parts and materials not included herein shall be billed at cost plus fifteen (15%) percent

Remarks/Exceptions:

Beaver Mechanical Contractors, Inc.

- *20 Furnace instead of Boiler
- *21 In 2022, BMC serviced ONE gas/oil boiler @ WC Health Dept. We were told that WCHD is now responsible for the boiler in the main bldg. only. BMC's price to clean & start-up one gas/oil boiler @ WC Health Dept. is \$350.00. This price is NOT included in the total.
- *24 Furnace instead of Boiler
- *27 In 2022, BMC serviced THREE oil-fired unit heaters at Highway Department-Smithsburg, no boiler at this location. BMC's price to clean & start-up three oil-fired unit heaters @ Smithsburg HD is \$820.00. This price is NOT included in the total.
- * Consulting and Design Service (Hourly Rate): Non Engineered. Regular workday schedule only.
- * Regular Working Hours - Routine: See Attachment A.
- * Evenings and Saturdays - Emergency: See Attachment A.
- * Sundays and Holidays - Emergency: Plumber and Helper (Hourly Rate): Sundays: \$264.00 / Holidays: \$396.00.
- * Total Bid Formula - See Attachment A.



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 www.beavermechanical.com

Mechanical Contractors, Inc.

August 15, 2023

WASHINGTON COUNTY MARYLAND

PUR-1621

Bid for: Plumbing and Heating Maintenance Service at County Facilities

**ATTACHMENT A
 [Alternate Hourly Rates]**

LABOR RATES FOR ALL WASHINGTON COUNTY FACILITIES

Miscellaneous Service & Maintenance for:

- **PLUMBING Work**
- **HYDRONIC Piping and Specialties Work (no control work)**
- **STEAM Piping and Specialties Work (no control work)**

Regular Working Hours (Routine)

Mechanic	\$50.00/person/hour
Helper	\$44.00/person/hour

Evenings and Saturdays (Emergency)

Mechanic	\$75.00/person/hour
Helper	\$66.00/person/hour

Sundays

Mechanic	\$100.00/person/hour
Helper	\$88.00/person/hour

Holidays

Mechanic	\$150.00/person/hour
Helper	\$132.00/person/hour

Miscellaneous Service & Maintenance for:

- **BURNER Work**
- **BURNER CONTROL Work**
- **BURNER CONTROL WIRING Work**
- **AUTOMATIC TEMPERATURE CONTROL Work**

Regular Working Hours (Routine)

Mechanic	\$190.00/person/hour
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Evenings and Saturdays (Emergency)

Mechanic	\$285.00/person/hour
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Sundays

Mechanic	\$380.00/person/hour
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Holidays

Mechanic	\$570.00/person/hour
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BEAVER

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August 15, 2023
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WASHINGTON COUNTY MARYLAND
PUR-1621

Bid for: **Plumbing and Heating Maintenance Service at County Facilities**

ATTACHMENT A [Alternate Hourly Rates]

TOTAL BID FORMULA –
(using Alternate Plumbing, Hydronic & Steam Piping Work Rates)

Total: Base Bid Specific Services -	\$ 16,055.00
Plus 650 Hours x Hourly Rate of Regular Plumber -	\$ 32,500.00
Plus 300 Hours x Regular Hourly Helper Rate -	\$ 13,200.00
TOTAL BID:	
Sixty-One Thousand Two Hundred Eighty-Five Dollars Zero Cents	\$ 61,755.00