

TO: Mayor and City Council

FROM: Jed Petersen, Public Works Director

SUBJECT: Building 10 Makeup air unit

MEETING DATE: Tuesday, March 19, 2024

BACKGROUND

Building 10 at the WWTP houses the fine screen and grit removal systems. This building is heated to protect the fine screen, grit removal, and water pipes from freezing. The (Makeup air unit) MAU which pulls fresh air from the outside and heats the building has been malfunctioning. The explosion proof exhaust fan for the building has also failed. The MAU and exhaust fan are original for the building. Public works has had the MAU serviced/repared several times but it is now beyond repair. Three quotes were obtained for the replacement of the MAU and explosion proof exhaust fan.

MMC: \$60,555

Rivercity Refrigeration: \$56,760

Cannon Valley Mechanical \$42,160 quote expired February 29, 2024.

Cannon Valley Mechanical \$43,910

REQUESTED COMMISSION ACTION

Motion and approval to recommend to move forward with Cannon Valley Mechanical to replace the Makeup air unit and exhaust fan at a price of \$43,910.

Cannon Valley Mechanical

29555 Friendly Ave

Cannon Falls, MN 55009

5072634864

info@cannonvalleymechanical.com

www.cannonvalleymechanical.com



Estimate

ADDRESS

WWTP

918 River Road

Cannon Falls, Mn 55009

SHIP TO

WWTP

918 River Road

Cannon Falls, Mn

55009

ESTIMATE # 1417

DATE 01/13/2024

EXPIRATION 02/29/2024

DATE

DATE	ITEM	QTY	RATE	AMOUNT
01/13/2024	Reznor MUA Unit	1	32,900.00	32,900.00
01/13/2024	Labor - Two Techs	10	210.00	2,100.00
01/13/2024	Misc Heating parts. i.e. venting, ductwork, gas, drains	1	350.00	350.00
01/13/2024	Electrical Contractor - Pass Through	1	1,000.00	1,000.00
01/13/2024	Crane service - Pass Through	1	1,000.00	1,000.00

Replace MUA unit at WWTP. Install like model Reznor unit with stainless heat exchanger and sealed systems. Lead time for unit delivery is 30 days.

Estimate includes installation, removal, disposal and commissioning.

SUBTOTAL	37,350.00
TAX	0.00
TOTAL	\$37,350.00

Accepted By

Accepted Date

Cannon Valley Mechanical

29555 Friendly Ave

Cannon Falls, MN 55009

5072634864

info@cannonvalleymechanical.com

https://www.cannonvalleymechanical.com



Estimate

ADDRESS

WWTP

918 River Road

Cannon Falls, Mn 55009

SHIP TO

WWTP

918 River Road

Cannon Falls, Mn
55009

ESTIMATE # 1417

DATE 03/11/2024

EXPIRATION 03/31/2024

DATE

DATE	ITEM	QTY	RATE	AMOUNT
01/13/2024	Reznor MUA Unit	1	34,650.00	34,650.00
01/13/2024	Labor - Two Techs	10	210.00	2,100.00
01/13/2024	Misc Heating parts. i.e. venting, ductwork, gas, drains	1	350.00	350.00
01/13/2024	Electrical Contractor - Pass Through	1	1,000.00	1,000.00
01/13/2024	Crane service - Pass Through	1	1,000.00	1,000.00

Replace MUA unit at WWTP. Install like model Reznor unit with stainless heat exchanger and sealed systems. Lead time for unit delivery is 30 days.
Estimate includes installation, removal, disposal and commissioning.

SUBTOTAL	39,100.00
TAX	0.00
TOTAL	\$39,100.00

Accepted By

Accepted Date

Cannon Valley Mechanical

29555 Friendly Ave

Cannon Falls, MN 55009

5072634864

info@cannonvalleymechanical.com

www.cannonvalleymechanical.com



Estimate

ADDRESS

WWTP

918 River Road

Cannon Falls, Mn 55009

SHIP TO

WWTP

918 River Road

Cannon Falls, Mn

55009

ESTIMATE # 1418

DATE 01/30/2024

EXPIRATION 02/15/2024

DATE

DATE	ITEM	QTY	RATE	AMOUNT
01/13/2024	Labor - Two Techs	3	210.00	630.00
01/13/2024	Misc Heating parts. i.e. venting, ductwork, gas, drains	1	150.00	150.00
01/13/2024	Electrical Contractor - Pass Through	1	350.00	350.00
01/30/2024	Greenheck Exhaust Hood	1	3,680.00	3,680.00

Replace exhaust fan at time of MUA unit replacement WWTP. Install like model Greenheck . Lead time for unit delivery is 6 weeks.
 Estimate includes installation, removal, disposal and commissioning. Price does not include crane service as that would be under the cost of the MUA replacement.

SUBTOTAL	4,810.00
TAX	0.00
TOTAL	\$4,810.00

Accepted By

Accepted Date



Service Proposal Quote

City of Cannon Falls
918 River Road
Cannon Falls, MN 55009
Attn: Wes City of Cannon Falls

Quote number: 22-1538-SP-01
Quote date: 12/09/2022
Prepared by: Joe Kelly

We propose the following:

- MMC proposes to furnish and install the scope of work located at Cannon Falls Public Works
- MMC will supply a Greenheck explosion proof exhaust fan to be installed in place of the existing explosion proof exhaust fan
- MMC will supply crane services to get the old fan off the roof and get the new one up there
- MMC will perform start up and check out to ensure system is working correctly.

Included in this proposal:

- Labor to complete job \$820
- Equipment \$5,580
- Crane \$1,270
- Truck charges \$65

Items not included in this proposal are as follows (Unless noted above):

- Anything outside the scope that needs to be repaired will be additional
- Overtime Labor
- Lifts
- Electrical - Electrical will be supplied by the customer
- Drywall
- Insulation
- Controls
- Sprinkler
- Engineering

WE PROPOSE hereby to furnish material and labor – complete in accordance with above specifications, for the sum of.

TOTAL: Seven Thousand Seven Hundred Thirty-Five Dollars (\$7,735.00)

This quote is valid for 30 days from the above date. Signature below represents acceptance of this quote and the terms and conditions contained herein. Please return signed quote to: joe.kelly@metromech.us or fax .

Signed: _____ Date: _____

Name printed: _____



Terms and Conditions

1. In case of failure to perform its obligations under this Agreement, Provider's liability is limited to repair or replacement, at its option, and such repair or replacement shall be Customer's sole remedy.
2. Customer shall permit Provider free, safe and timely access to areas and equipment, and allow Provider to start and stop the equipment as necessary to perform required services. Customer agrees to keep areas adjacent to equipment covered under this Agreement free of potential obstructions to the Provider and, if necessary, to remove materials, fixtures, walls or partitions at the specific request of Provider. All planned work under this Agreement will be performed during Provider's normal working hours.
3. The Agreement price is conditioned upon the system(s) covered being in a maintainable condition. If the initial inspection or initial seasonal startup indicates repairs are required, a firm quotation will be submitted for Customer's approval. Should Customer not authorize the repairs, Provider may either remove the unacceptable system(s), component(s), or part(s) from its scope of responsibility and adjust the annual Agreement price accordingly, or terminate this Agreement.
4. The Agreement price is subject to adjustment by Provider on each commencement anniversary to reflect increases in labor, material, and other costs.
5. Customer shall be responsible for all taxes applicable to the services and/or materials hereunder.
6. Customer will promptly pay invoices within thirty (30) days of receipt. Provider may apply a finance charge and late fee if the Customer is more than five (5) days delinquent with any payment owed Provider. Should a payment become sixty (60) days or more delinquent, Provider may stop all work under this Agreement without notice and/or terminate this Agreement, and the entire Agreement amount shall become due and payable immediately upon demand.
7. Provider excludes from this Agreement, and Customer agrees to hold Provider harmless from responsibility for: (a) services required as a result of negligence, abuse, accident, alteration, misuse, vandalism, malicious mischief, freezing weather or improper equipment operation by the Customer or a third party, (b) repair or replacement of structural or non-moving parts and components, including, but not limited to, equipment cabinets, casings, boiler refractory, boiler tubes, chimneys, breechings, burners, coils, piping, heat exchanges, pressure vessels, refrigeration evaporators and condensers, fan housings, ductwork, insulation, electrical circuit panels and electrical power wiring, (c) repair or replacement of water, steam, gas, plumbing, electrical and air lines, (d) disposal or reclamation of refrigerants and waste oil, (e) identification, abatement, encapsulation, removal or disposal of any hazardous materials, including those containing asbestos, (f) services required to improve or correct the design of equipment covered by this Agreement, (g) services required or recommended by an insurer, government agency, union, consultant, equipment vendor, manufacturer or other third party, (h) alterations or replacement of equipment covered by this Agreement for any reason, including, but not limited to, general obsolescence and failure of a major component or desire of the Customer to upgrade technology, (i) the requirement to move, replace or alter any part of the building structure and (j) safety testing, water/air balancing, indoor air quality, removal and reinstallation of valve bodies and dampers, electric power failure, low voltage, burned out main and branch fuses, low water pressure, water treatment provided by others, water condition and causes beyond the control of Provider.
8. Services provided under this Agreement involving extra work (materials or labor) will become an extra charge (fixed price amount to be negotiated or on a time and material basis at Provider's Preferred Customer Rates then in effect) over the sum stated in this Agreement. If a trouble call is made at Customer's request and inspection indicates a condition which is not covered under this Agreement, Provider may charge Customer at the rate then in effect for such services.
9. Customer shall permit only Provider's personnel or agent to perform the work included in the scope of this Agreement. Should anyone other than Provider's personnel perform such work, Provider may, at its option, cancel this Agreement, eliminate the involved item of equipment from inclusion on this Agreement, or charge Customer for the related service work.
10. In the event Provider must commence legal action in order to recover any amount payable under this Agreement, Customer shall pay Provider all court costs and attorneys' fees incurred by Provider.
11. Any legal action relating to this Agreement, or the breach thereof, initiated by Customer shall commence within one (1) year from the date of this work.
12. Provider shall not be liable for any delay, loss, damage or detention caused by unavailability of machinery, equipment or materials, delays of carriers, strikes, including those by Provider's employees, lockouts, civil or military authority, priority regulations, insurrection or riot, action of the elements, forces of nature, or by any cause beyond its control.
13. Customer shall make available to Provider's personnel all pertinent Material Safety Data Sheets pursuant to OSHA's Hazard Communication Standard Regulations.
14. Customer warrants, to the best of its knowledge, that no hazardous materials, including those containing asbestos, are present at its facilities which will affect the ability of the Provider to perform services in a safe manner. Provider may suspend its work in the event real or suspected hazardous materials are encountered and agrees to resume services, unless the Agreement has expired or been terminated, at such time as the Customer has assessed the situation, implemented and completed the necessary corrective action in full compliance with applicable laws and regulations, and furnishes the Provider with a certification in writing specifying the corrective action. The time for completion of the work shall be extended to the extent caused by the suspension and the contract price equitably adjusted.



15. To the fullest extent permitted by law, Customer shall indemnify, hold harmless and upon request, defend Provider, its officers, directors, agents and employees from and against all claims, damages, losses and expenses (including, but not limited to, attorneys' fees) arising out of or resulting from the performance of work hereunder, provided that such claim, damage, loss or expense is caused in whole or in part by an act, error or omission of Customer, anyone directly or indirectly employed by Customer, or anyone for whose acts, errors or omissions Customer may be liable, regardless of whether it is caused in part by the negligence of Provider.
16. **IN NO EVENT, WHETHER BASED ON CONTRACT, INDEMNITY, WARRANTY, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, SHALL PROVIDER BE LIABLE TO CUSTOMER FOR SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES WHATSOEVER INCLUDING, WITHOUT LIMITATION, LOSS OF PROFITS OR REVENUE, OR COST OF CAPITAL.**

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Service Proposal Quote

City of Cannon Falls
918 River Road
Cannon Falls, MN 55009
Attn: Wes City of Cannon Falls

Quote number: 24-0077-SP-01
Quote date: 01/11/2024
Prepared by: Joe Kelly

We propose the following:

- MMC proposes to furnish and install the scope of work located at Cannon Falls Waste Water Treatment Plant
- MMC proposes to supply equipment, materials, and labor to accomplish the following tasks
- MMC will disconnect the existing make-up air unit and supply crane services to remove and dispose of existing unit
- MMC will supply a crane to set a new Greenheck indirect fire make-up air unit with explosion proof supply fan and a stainless steel heat exchanger
- MMC will supply electrical services to disconnect and reconnect high voltage wiring
- MMC will supply a new gas regulator and reconnect gas piping to the new make-up air unit
- MMC will supply a factory certified technician to perform the unit start-up
- MMC will pull a permit with the local inspections department and have the above work inspected upon completion

Optional Gas Piping not included in below proposal price:

During a recent inspection, an MMC service technician noticed that the gas piping that supplies the make-up air unit runs through the building and has become very rusty. MMC suggests that the gas line be removed and a new gas line can be installed from the outside meter, up the side of the building, and across the roof to the new make-up air unit. This will protect the gas line from future corrosion due to conditions inside the building. Price breakdown for removing old gas line and installing new from the meter can be seen below. Optional gas piping cost - Three Thousand Four Hundred Dollars (\$3,400.00)

- Labor to complete job \$2,016
- Material and tools to complete job \$1,299
- Truck charges \$85
- Start up and check out included

Included in this proposal:

- Labor to complete job - \$3,860
- Equipment including factory startup - \$40,505
- Material and tools to complete job - \$890
- Crane - \$3,100
- Electrical - \$3,360
- Truck charges - \$225
- Permit - \$850
- Start up and check out included

Items not included in this proposal are as follows (Unless noted above):



- Anything outside the scope that needs to be repaired will be additional
- Overtime Labor
- Lifts
- Electrical
- Drywall
- Insulation
- Controls
- Sprinkler
- Engineering

WE PROPOSE hereby to furnish material and labor – complete in accordance with above specifications, for the sum of.

TOTAL: Fifty-Two Thousand Eight Hundred Twenty Dollars (\$52,820.00)

This quote is valid for 30 days from the above date. Signature below represents acceptance of this quote and the terms and conditions contained herein. Please return signed quote to: joe.kelly@metromech.us or fax .

Signed: _____ Date: _____

Name printed: _____



Terms and Conditions

1. In case of failure to perform its obligations under this Agreement, Provider's liability is limited to repair or replacement, at its option, and such repair or replacement shall be Customer's sole remedy.
2. Customer shall permit Provider free, safe and timely access to areas and equipment, and allow Provider to start and stop the equipment as necessary to perform required services. Customer agrees to keep areas adjacent to equipment covered under this Agreement free of potential obstructions to the Provider and, if necessary, to remove materials, fixtures, walls or partitions at the specific request of Provider. All planned work under this Agreement will be performed during Provider's normal working hours.
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4. The Agreement price is subject to adjustment by Provider on each commencement anniversary to reflect increases in labor, material, and other costs.
5. Customer shall be responsible for all taxes applicable to the services and/or materials hereunder.
6. Customer will promptly pay invoices within thirty (30) days of receipt. Provider may apply a finance charge and late fee if the Customer is more than five (5) days delinquent with any payment owed Provider. Should a payment become sixty (60) days or more delinquent, Provider may stop all work under this Agreement without notice and/or terminate this Agreement, and the entire Agreement amount shall become due and payable immediately upon demand.
7. Provider excludes from this Agreement, and Customer agrees to hold Provider harmless from responsibility for: (a) services required as a result of negligence, abuse, accident, alteration, misuse, vandalism, malicious mischief, freezing weather or improper equipment operation by the Customer or a third party, (b) repair or replacement of structural or non-moving parts and components, including, but not limited to, equipment cabinets, casings, boiler refractory, boiler tubes, chimneys, breechings, burners, coils, piping, heat exchanges, pressure vessels, refrigeration evaporators and condensers, fan housings, ductwork, insulation, electrical circuit panels and electrical power wiring, (c) repair or replacement of water, steam, gas, plumbing, electrical and air lines, (d) disposal or reclamation of refrigerants and waste oil, (e) identification, abatement, encapsulation, removal or disposal of any hazardous materials, including those containing asbestos, (f) services required to improve or correct the design of equipment covered by this Agreement, (g) services required or recommended by an insurer, government agency, union, consultant, equipment vendor, manufacturer or other third party, (h) alterations or replacement of equipment covered by this Agreement for any reason, including, but not limited to, general obsolescence and failure of a major component or desire of the Customer to upgrade technology, (i) the requirement to move, replace or alter any part of the building structure and (j) safety testing, water/air balancing, indoor air quality, removal and reinstallation of valve bodies and dampers, electric power failure, low voltage, burned out main and branch fuses, low water pressure, water treatment provided by others, water condition and causes beyond the control of Provider.
8. Services provided under this Agreement involving extra work (materials or labor) will become an extra charge (fixed price amount to be negotiated or on a time and material basis at Provider's Preferred Customer Rates then in effect) over the sum stated in this Agreement. If a trouble call is made at Customer's request and inspection indicates a condition which is not covered under this Agreement, Provider may charge Customer at the rate then in effect for such services.
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10. In the event Provider must commence legal action in order to recover any amount payable under this Agreement, Customer shall pay Provider all court costs and attorneys' fees incurred by Provider.
11. Any legal action relating to this Agreement, or the breach thereof, initiated by Customer shall commence within one (1) year from the date of this work.
12. Provider shall not be liable for any delay, loss, damage or detention caused by unavailability of machinery, equipment or materials, delays of carriers, strikes, including those by Provider's employees, lockouts, civil or military authority, priority regulations, insurrection or riot, action of the elements, forces of nature, or by any cause beyond its control.
13. Customer shall make available to Provider's personnel all pertinent Material Safety Data Sheets pursuant to OSHA's Hazard Communication Standard Regulations.
14. Customer warrants, to the best of its knowledge, that no hazardous materials, including those containing asbestos, are present at its facilities which will affect the ability of the Provider to perform services in a safe manner. Provider may suspend its work in the event real or suspected hazardous materials are encountered and agrees to resume services, unless the Agreement has expired or been terminated, at such time as the Customer has assessed the situation, implemented and completed the necessary corrective action in full compliance with applicable laws and regulations, and furnishes the Provider with a certification in writing specifying the corrective action. The time for completion of the work shall be extended to the extent caused by the suspension and the contract price equitably adjusted.



15. To the fullest extent permitted by law, Customer shall indemnify, hold harmless and upon request, defend Provider, its officers, directors, agents and employees from and against all claims, damages, losses and expenses (including, but not limited to, attorneys' fees) arising out of or resulting from the performance of work hereunder, provided that such claim, damage, loss or expense is caused in whole or in part by an act, error or omission of Customer, anyone directly or indirectly employed by Customer, or anyone for whose acts, errors or omissions Customer may be liable, regardless of whether it is caused in part by the negligence of Provider.
16. **IN NO EVENT, WHETHER BASED ON CONTRACT, INDEMNITY, WARRANTY, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, SHALL PROVIDER BE LIABLE TO CUSTOMER FOR SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES WHATSOEVER INCLUDING, WITHOUT LIMITATION, LOSS OF PROFITS OR REVENUE, OR COST OF CAPITAL.**

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HEATING  COOLING

2724 158TH ST E
FARIBAULT, MN 55021
(507) 838-5742

MITCH@RIVERCITYREFRIGERATIONINC.COM

Estimate

ESTIMATE#	1019
DATE	01/18/2024
PO#	

CUSTOMER
CITY OF CANNON FALLS 918 RIVER ROAD CANNON FALLS MN 55009

SERVICE LOCATION
918 RIVER ROAD CANNON FALLS MN 55009

DESCRIPTION
WASTE WATER BUILDING -MAKE UP AIR/EXHAUST REPLACEMENT

REZNOR MUA UNIT

Description	Rate	Total
<p>PROPOSAL</p> <ul style="list-style-type: none"> -DISCONNECT, REMOVE AND DISPOSE EXISTING MAKE UP AIR UNIT AND EXHAUST FAN -FURNISH AND INSTALL NEW MAKE UP AIR UNIT WITH CONTROLLER AND EXHAUST FAN -CONNECT MAKE UP AIR GAS SUPPLY LINE -START UP EQUIPMENT MAKING ANY NECESSARY ADJUSTMENTS FOR PEAK PERFORMANCE <p>EQUIPMENT</p> <ul style="list-style-type: none"> - Reznor RPB-400 - Indirect fired gas heater with 409SS steel heat exchanger and burner - Spark ignited, intermittent safety pilot with electronic flame supervision and timed lockout - Inlet hood with moisture eliminating filters - Two position discharge damper - Filter rack with 2" disposable filters - Single wall construction with insulation - Single speed TEFC motor - Aluminized steel drip pan - Remote temperature selector - Freezestat (adjustable reset with time delay relay) - Firestat - Unit start relay (24v signal by others) - Exhaust fan & interlock - Airflow proving switch - 460/3 power <p>**PROPOSAL DOES NOT INCLUDE WIRING OF NEW EQUIPMENT/DISCONNECTS OR REMOTE TEMPERATURE SELECTOR</p> <p>-WILL WORK WITH PREFERRED ELECTRICIAN TO SCHEDULE AND COMPLETE CHANGE OUT EFFICIENTLY</p>		

CUSTOMER MESSAGE**Estimate Total:****\$56,760.00****TITAN MUA UNIT****Description****Rate****Total**

PROPOSAL

- DISCONNECT, REMOVE AND DISPOSE EXISTING MAKE UP AIR UNIT AND EXHAUST FAN
- FURNISH AND INSTALL NEW MAKE UP AIR UNIT WITH CONTROLLER AND EXHAUST FAN
- CONNECT MAKE UP AIR GAS SUPPLY LINE
- START UP EQUIPMENT MAKING ANY NECESSARY ADJUSTMENTS FOR PEAK PERFORMANCE

EQUIPMENT

- Titan TAH-112
- Indirect fired gas heater with 409SS steel heat exchanger and burner
- Spark ignited, intermittent safety pilot with electronic flame supervision and timed lockout
- Inlet hood with moisture eliminating filters
- Epoxy coated, two position discharge damper with stainless steel hardware and NEMA 4X actuator enclosure
- Filter rack with 2" disposable filters
- Double wall construction with insulation
- Epoxy exterior with enamel exterior (gray)
- Epoxy interior
- Single speed TEFC motor
- Aluminized steel drip pan
- Remote temperature selector
- Freezestat (adjustable reset with time delay relay)
- Firestat
- Unit start relay (24v signal by others)
- Water tight conduit in airstream
- Stainless steel sensors in the airstream
- Exhaust fan & interlock
- Airflow proving switch
- 460/3 power

**PROPOSAL DOES NOT INCLUDE WIRING OF NEW EQUIPMENT/DISCONNECTS OR REMOTE TEMPERATURE SELECTOR
 -WILL WORK WITH PREFERRED ELECTRICIAN TO SCHEDULE AND COMPLETE CHANGE OUT EFFICIENTLY

CUSTOMER MESSAGE**Estimate Total:****\$83,650.00**