

City of Biddeford
Finance Committee
June 20, 2023 5:00 PM Council Chambers & Zoom

Please click this URL to join:

<https://biddeford.zoom.us/j/93776655170?pwd=VWswdWpYMGNDR3RQY2RKYkxiVkVYdz09>

Passcode: 879361

Webinar ID: 937 7665 5170

Or One tap mobile:

+16465588656,,93776655170# US (New York)

+16469313860,,93776655170# US

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US: +1 646 558 8656 or +1 646 931 3860 or +1 301 715 8592 or +1 305 224 1968

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Status: In-Person and via Zoom; Council Chambers; 5:00 p.m.

- 1. Call to order**
- 2. Approval of the Minutes**
 - 2.1. Minutes
[6-6-2023 Finance Committee Minutes.pdf](#)
- 3. Signing of the expenditure warrant**
- 4. Discussion/Approval**
 - 4.1. Recommendation/DPW Heating System
[2023.74 DPW Heat System brief.docx](#)
[2023.74 DPW Heating System Order.doc](#)
[Godbout Rooftop HVAC.docx](#)
[Atlantic Comfort HVAC.pdf](#)
[Roof Top HVAC Atlantic.pdf](#)
[Heating System \(RFP\).doc](#)
[Bid Tab Heating unit.doc](#)
 - 4.2. Recommendation/GPS Field Lining System
[2023.75 Turf Tank Brief.docx](#)
[2023.75 PW Turf Tank Order.doc](#)
[Turf-tank Quote.pdf](#)
 - 4.3. Recommendation/Pricing Orange Overflow Bags
[2023.76 DPW Orange Overflow Bags Brief.docx](#)

[2023.76 DPW Orange Overflow Bags Order.doc](#)
[scan_jdemers_2023-06-14-07-09-50.pdf](#)

5. **Other Business**
6. **Adjournment**

City of Biddeford
Finance Committee Meeting Minutes
June 6, 2023

The meeting was called to order at 5:06 p.m. by Councilor Norm Belanger.

Present: Mayor Alan Casavant; Councilor Norm Belanger; Councilor William Emhiser; Councilor Marc Lessard; City Manager James Bennett; Finance Director Nichole Wood; City Clerk Robin Patterson;

Approval of Minutes of May 16, 2023

Motion by Councilor William Emhiser, seconded by Councilor Marc Lessard to accept the minutes as printed.

Vote: unanimous.

Motion carries.

Expenditure Warrants:

The Warrants are circulating for signature

Adjustment to the Agenda:

There were no adjustments to the agenda.

Discussion/Approval

4.1 Heart of Biddeford Holiday Lighting Reimbursement Request

Discussion: No one was here to present this request. Finance Director Nichole Wood explained what happened from her knowledge of the issue.

Councilor Lessard raised an analogy about car repairs that were not asked for, but performed anyway. Mayor Casavant reiterated that he believes that this should be a good-faith payment. Councilor Belanger asked if we could reduce the FY24 budget by taking this \$3,500 out of their FY24 allocation. City Manager Bennet explained that we would have to wait until July to make that payment.

Motion by Councilor William Emhiser, second Mayor Alan Casavant

Motion amended to send to recommend to Council for discussion and approval.

Discussion: Marc Lessard: this is strictly a principle and procedural thing for him.

Vote: 3 Yay, 1 Nay

Motion carries

4.2 Recommendation/Award Downtown Cameras - Minuteman

Discussion: City Manager Bennet explained that this issue started with the previous Chief. He felt

that the cameras in the downtown area were in bad shape. There was money in the Forfeiture budget that could be used for this. When the bill came in, they realized that in the past spending out of the Asset Forfeiture account had not been approved by the Committee or the Council. Because of this nature of this purchase (not classified, not a hidden asset) Mr. Bennet felt that it should come before the body.

Question by Councilor Emhiser: This item was on the agenda a few months after Chief Beaupre left but was pulled. Did the questions get resolved? Chief Fisk answered that she was not happy at the time that the work that been performed, it was not completed at that time, and now it is done, cameras have been painted from white to black.

Councilor Emhiser: since this wasn't paid for by tax payer dollars, do they have to follow the same purchasing policies? Mr. Bennet reiterated that the policies should be followed no matter the funding source.

Councilor Belanger: He agrees that there is some issue with the procedure that was followed, it did follow a past-practice of the previous chief. We are remedying that now.

Motion by Mayor Casavant, second Councilor Emhiser

Vote: Unanimous

Motion carries

4.3 Recommendation/FY24 Sewer User Fee Schedule Increase

Discussion: None

Motion by Councilor Emhiser, second Councilor Lessard

Vote: Unanimous

Motion carries

Other Business

None

Adjournment

Motion by Councilor Emhiser, seconded by Councilor Lessard to adjourn.

Vote: unanimous.

Motions carries.

Adjourned at 5:45 pm



Finance Committee

Meeting Date: June 20, 2023
Meeting Time: 5:00 PM – 6:00 PM

Agenda Item No: 4.a
Item Description: 2023.74 Roof Top – Mini Split Heating units

Submitted by: Jeff Demers Director Public Works/Waste Water

Supporting Information/Documentation:

6-5-2023 Godbout Quote Roof Top – Mini Split
6-5-2023 Atlantic Comfort Quote Roof Top
6-5-2023 Atlantic Comfort Mini-Split
6-5-2023 Heating System RFP
6-5-2023 Bid Tabulation

Executive Summary:

The City of Biddeford Public Works Department is responsible for the maintenance of the Public Works facility. The heating system at the public works Department is the original unit that was put in around 1985. The unit is beyond its life expectancy and is in need of replacement.

Detailed Review:

Public Works prepared a Request for Proposal (RFP) on April 17, 2023. A pre proposal meeting was scheduled at the public works garage on April 25, 2023 to review the scope of work. Two interested parties attended the mandatory pre proposal meeting. Godbout Plumbing and Heating and Atlantic Comfort. Public Works with the help from both vendors made the decision to install two separate units. Having the two separate units will help maintain a better flow of heat and air conditioning in the sign room and operations office daily. Electrical needs are to be performed by the City's electrical contractor.

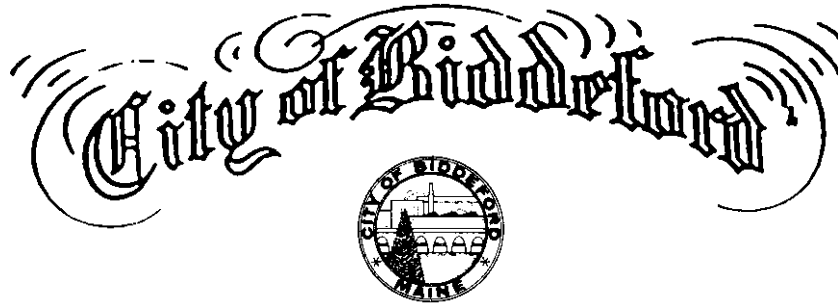
Funding Source:

Funding for this project is located in the reserves account with a balance of \$75,000

Staff Recommendation:

Staff recommends moving forward with Atlantic Comfort for the sum of \$31,812.00
Staff is also requesting an additional \$4,500 to cover all electrical needs throughout this project.

Grand Total: \$36,312.00



2023.74

IN BOARD OF CITY COUNCIL...June 20, 2023

BE IT ORDERED, that the City Council of the City of Biddeford does hereby award the heating contract for a roof top unit and a split unit for the public works facility.

For an amount not to exceed \$31,812 paid to Atlantic Comfort



Jim Godbout Plumbing & Heating, Inc.
P.O. Box 365, 486 Elm St. Biddeford, Maine 04005
Phone: 207-283-1200 Fax: 207-283-2739
www.jimgodbout.com

Estimate Date: 6/12/2023

Estimator Initials: DR

Name: City of Biddeford

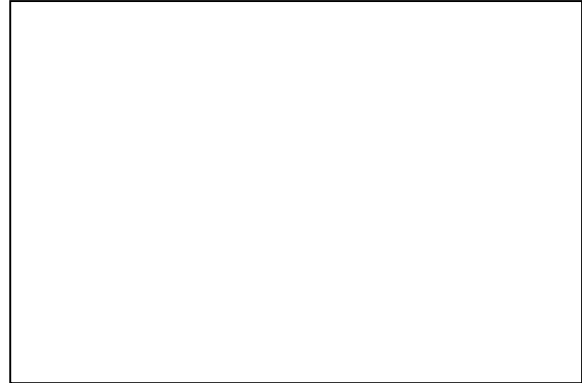
Biddeford Public Works

Phone: 207 502 3699

Email jeff.demers@biddefordmaine.org

Property Address: 371 Hill Street

Biddeford, ME 04005



10 -ton Rooftop replacement

Remove and dispose of Bryant R22 Model 580DPV120250ABAA 10 ton rooftop unit

Evacuate and dispose of properly

Install Bryant Model 582KP12N224A3A0AA-ton 3 phase unit complete with LP kit and economizer in same location as old.

We shall connect to existing exterior ductwork.

No curb adapter needed

No work to interior duct, registers and grills is part of this proposal.

Electrical work, if necessary, is not included. We can facilitate if need be

This shall be a 410A refrigerant system.

Crane service cost is included to boom from truck to pad.

All work to conform to state and local codes.

Total Rooftop replacement total \$26,500.00

Sign Room Heat pump

Install one Mitsubishi 12,000 BTU model **MSZ-FS12NA** ductless white wall mounted evaporator doing heating and cooling piped to inverter style condenser model **MUZ-FS12NA1** (Hyper Heat). Outdoor unit to be installed at the back of the building. Indoor unit to be mounted in sign room.

Condensate shall be piped to drain line. Unit shall run with remote control.

https://mylinkdrive.com/viewPdf?srcUrl=http://enter.mehvac.com.s3.amazonaws.com/DAMRoot/Original/10006\MTAL_MSZ-FS12NA_MUZ-FS12NAH_en.pdf



Jim Godbout Plumbing & Heating, Inc.
P.O. Box 365, 486 Elm St. Biddeford, Maine 04005
Phone: 207-283-1200 Fax: 207-283-2739
www.jimgodbout.com

Line voltage to exterior unit is not included with this proposal and must be done by a licensed electrician. 230-volt, 15-amp required.

Total for mini split system –\$5,500.00

Total HVAC for both systems – \$32,000.00

**** Due to the unstable fluctuating market of the cost and ability to procure raw materials & equipment ****

We reserve the right to adjust pricing of this proposal until materials and/or equipment are secured. We also reserve the right to make adjustments to the scheduling of approved projects. Any rebates noted hereon are subject to the rules and regulations of the party or entity supplying such rebate & are subject to change.



Atlantic Comfort Systems, Inc.

Mechanical Contractors

Biddeford public works
Attn: Jeff Demers
371 Hill Street
Biddeford, ME 04005

June 12, 2023

Atlantic Comfort Systems, Inc. is pleased to quote the following work for adding a Samsung Unit for the supervisor's office and sign room.

392 Hill St.
P.O. Box 665

Biddeford
Maine 04005

207/284-6360
Fax 207/284-
6377

- Provide and install a Samsung mini split.
- Wall unit for the sign room (will need to remove a map from the wall)
- Ceiling cassette for the Supervisors office
- Provide and install line sets.
- Provide and install the drain.
- Provide and install control wiring.
- Roof patching

Price \$14,625.

Excludes electrical wiring.

The budget price for the electrical is \$2500.

George O'Brien
Sales Associate

The Quote will expire in 15 days. Equipment availability is not guaranteed Terms are 25% upon acceptance, billed upon progress, balance upon completion, net 10 days. If not paid indicated a 1.5% monthly service charge on over due balances will be applied plus legal fees for collection.

Customer Acceptance _____

Date _____



Atlantic Comfort Systems, Inc.

Mechanical Contractors

Department of Public Works
371 Hill Street
Biddeford, Maine 04005

May 18, 2023

Atlantic Comfort Systems, Inc. is pleased to quote the following work to replace 1 RTU for the office space and cafeteria.

392 Hill St.
P.O. Box 665
Biddeford
Maine 04005

207/284-6360
Fax 207/284-6377

- Provide and install a Trane 10-ton rooftop unit.
- Remove the old unit.
- Gas piping to unit
- Electrical wiring to the unit
- Crane and rigging
- Labor

Total Cost of the heat /Air System \$17,187

There are only two rooftops available at this price. \$17,187 This unit's availability is not a guarantee.

Note: If the above rooftop is not available at the time of bid acceptance, we will need to raise the cost to \$20,019. unit availability projected end of July 2023

Respectfully Submitted,

George O'Brien
Sales Associate

The term is 25% upon acceptance, billed upon progress, balance upon completion, and net 10 days. If not paid indicated a 1.5% monthly service charge on overdue balances will be applied plus legal fees for collection.

Customer Acceptance _____

Date _____



Trane Foundation Gas/Electric Rooftop

Unit Overview - GBC120A3EHA**00M0000000000000000000000

Application	Unit Size	Supply Fan		External Dimensions (in.)			Operating Weight		EER	IEER/SEER	Elevation
Gas/Electric	10 Ton - confirm inventory/m aximum 2	Airflow	External Static Pressure	Height	Width	Length	Minimum	Maximum	11.20	12.90	
		3800 cfm	0.400 in H ₂ O	4.09 ft	4.96 ft	7.35 ft	1157.0 lb	1525.0 lb			

Unit Features

Unit Electrical

Voltage/phase/hertz	208-230/60/3
MCA	54.00 A
MOP	70.00 A



Controls

Unit Controls	Electro-mechanical
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Cooling Section

Entering Dry Bulb		Capacity	
Entering Wet Bulb		Gross Total	126.55 MBh
Ambient Temp		Gross Sensible	98.05 MBh
Leaving Coil Dry Bulb		Net Total	118.99 MBh
Leaving Coil Wet Bulb		Net Sensible	90.49 MBh
Leaving Unit Dry Bulb		Fan Motor Heat	7.56 MBh
Leaving Unit Wet Bulb		Refrig Charge-circuit 1	7.5 lb
		Refrig Charge-circuit 2	6.6 lb

Heating Section

Output Heating Capacity	200.00 MBh
Output Heating Capacity with Fan	200.00 MBh
Heating EAT	70.00 F
Heating LAT	118.51 F
Heating Temp Rise	48.51 F

Fan Section

Indoor Fan Data		Outdoor Fan Data	
Type	FC Centrifugal	Type	Propeller
Drive Type	Belt	Fan Quantity	2
Indoor Fan Performance		Drive Type	Direct
Airflow	3800 cfm	Outdoor Fan Performance	
Design ESP	0.400 in H ₂ O	Outdoor Motor Power	0.92 kW
Component SP	0.273 in H ₂ O	Condenser Fan FLA	4.20 A
Total SP	0.673 in H ₂ O	Exhaust Fan Data	
Indoor Motor Operating Power	2.52 bhp	Type	FC Centrifugal
Indoor Motor Power	1.88 kW	Drive Type	Direct
Indoor RPM	869 rpm	Exhaust Fan Performance	
		Exhaust Fan FLA	6.30 A

Compressor Section

Power	8.52 kW
Circuit 1 RLA	20.50 A
Circuit 2 RLA	17.60 A

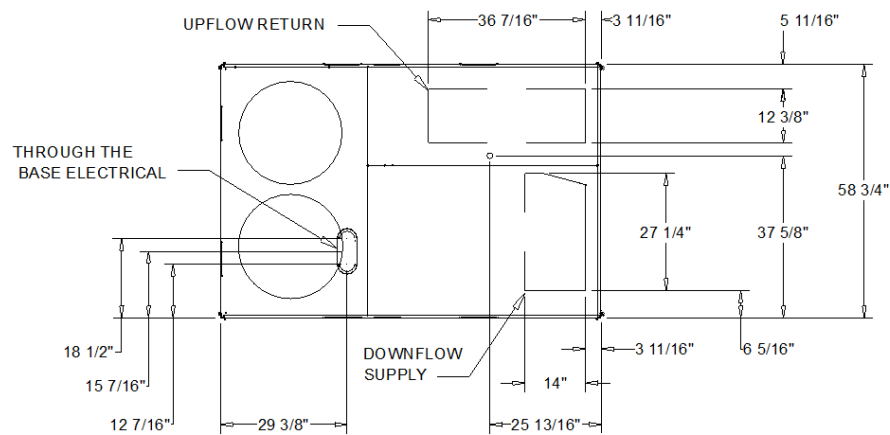
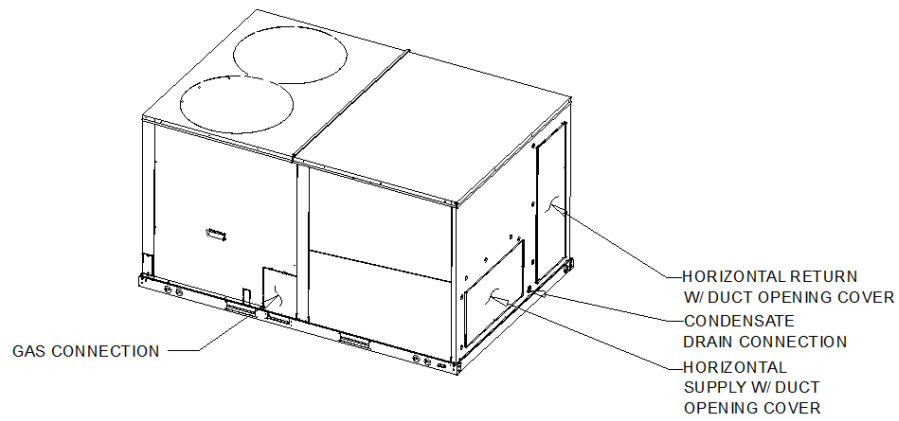
Accessories

Fresh air selection	0-100% Economizer, Dry Bulb - Downflow
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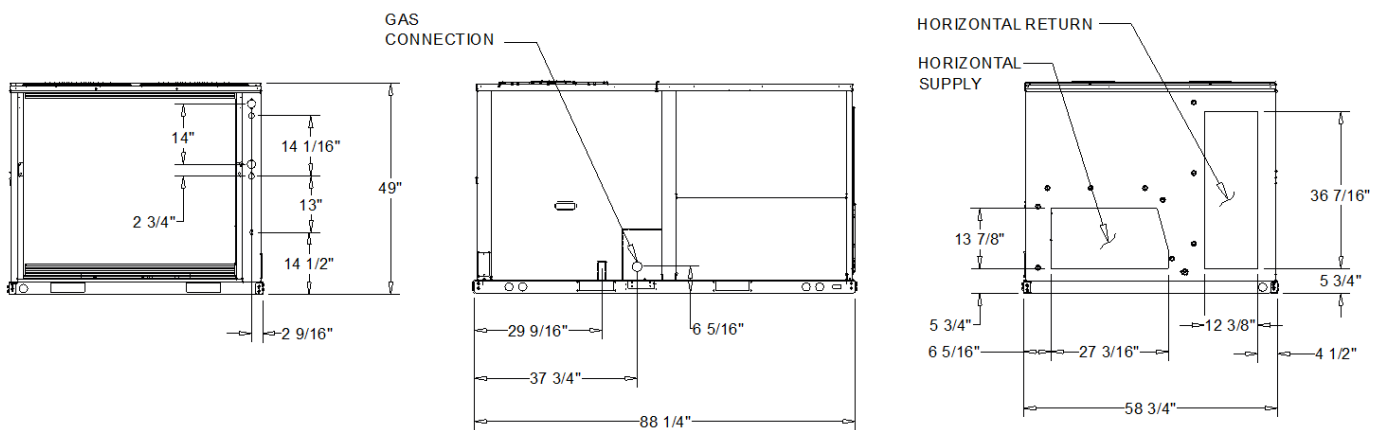


Job Name: Biddeford 10T
Prepared For: Atlantic Comfort
Unit Tag: BPGDG-1
Quantity: 1

NOTES:
1. VERIFY WEIGHT, CONNECTIONS, AND ALL DIMENSIONS
WITH INSTALLER DOCUMENTS BEFORE INSTALLATION



TOP VIEW OF UNIT (PLAN VIEW)



10 TON PACKAGED GAS / ELECTRIC UNIT

DIMENSION DRAWING



Job Name: Biddeford 10T
Prepared For: Atlantic Comfort
Unit Tag: BPGDG-1
Quantity: 1

ELECTRICAL / GENERAL DATA

GENERAL (2)(4)(6)(7)(10)			HEATING PERFORMANCE		
Model: GBC120 Oversized Motor			HEATING - GENERAL DATA		
Unit Operating Voltage: - MCA:			Heating Model: High		
Unit Primary Voltage: 208 MFS:			Heating Input (BTU): 250000		
Unit Secondary Voltage 230 MCB:			Heating Output (BTU): 200000		
Unit Hertz: 60			No. Burners: 6		
Unit Phase: 3			No. Stages 2		
EER: 11.2			Gas Inlet Pressure		
IEER One Speed Fan:			Natural Gas (Min/Max): 4.5 / 14.0 in. wc		
IEER Multi Speed Fan:			LP (Min/Max) -		
Standard Motor			Gas Pipe Connection Size: 3/4"		
Field Installed Oversized Motor					
MCA: 54.0 MCA:					
MFS: 70.0 MFS:					
MCB: 70.0 MCB:					

INDOOR MOTOR					
Standard Motor		Oversized Motor		Field Installed Oversized Motor	
Number: 1		Number:		Number:	
Horsepower: 3		Horsepower:		Horsepower:	
Motor Speed (RPM): 1725		Motor Speed (RPM):		Motor Speed (RPM):	
Phase 3		Phase		Phase	
Full Load Amps: 6.3		Full Load Amps:		Full Load Amps:	
Locked Rotor Amps: -		Locked Rotor Amps:		Locked Rotor Amps:	

COMPRESSOR Circuit 1/2		OUTDOOR MOTOR	
Number: 2		Number: 2	
Horsepower: -		Horsepower: 1/3	
Phase: 3		Motor Speed (RPM): 1050	
Rated Load Amps: 20.5/17.6		Phase: 1	
Locked Rotor Amps: 155.0/120.0		Full Load Amps: 4.2	
		Locked Rotor Amps: -	

POWER EXHAUST ACCESSORY (3) (Field Installed Power Exhaust)		FILTERS		REFRIGERANT (2)	
Phase:		Type:		Type: R-410A	
Horsepower:		Throwaway		Factory Charge:	
Motor Speed (RPM):		Furnished: -		Circuit #1 7.5 lb	
Full Load Amps:		Number 6		Circuit #2 6.6 lb	
Locked Rotor Amps:		Recommended 14"x25"x2"			

NOTES:

1. Maximum (HACR) Circuit Breaker sizing is for installations in the United States only.
2. Refrigerant charge is an approximate value. For a more precise value, see unit nameplate and service instructions.
3. Value does not include Power Exhaust Accessory.
4. Value does not include Heater.
5. Value include Standard Motor.
6. Value include Oversized Motor.
7. EER is rated at AHRI conditions and in accordance with DOE test procedures.
8. For Compressor Motors and Condenser Fan Motors: Amp draw for each motor; multiply value by number of motors to determine total amps.
9. HP for each compressor.
10. Integrated Energy Efficiency Ratio (IEER) is rated in accordance with AHRI standard 210/240 or 360.
11. Full Load Amps (FLA) are the combined amps for outdoor motors.

Base Unit and Corner Weights only

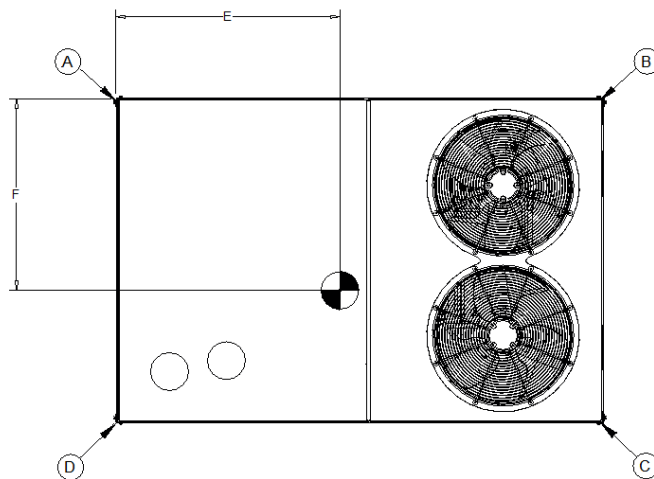
Base unit weights		Corner Weights				Center of Gravity	
SHIPPING	NET	(A)	(B)	(C)	(D)	E	F
1168.0 lb	1146.0 lb	247.0 lb	269.0 lb	291.0 lb	339.0 lb	42 1/2"	24 11/16"

1. All weights are approximate.
2. The actual weight are listed on the unit nameplate.
3. Refer to unit nameplate and installation guide for weights before scheduling transportation and installation of unit.
4. The weight shown represents the typical unit operating weight for the configuration selected. Estimated at +/- 10 % of the nameplate weight. .
5. Verify weight, connection, and all dimension with installer documents before installation.
6. Corner weights are given for information only.
7. Net/Shipping weight of optional accessories should be added to unit weight when ordering factory or field installed accessories.

Installed Options Net Weight Data

Accessory	Weight
Economizer, Manual and Motorized Outside Air Damper	
Barometric Relief	
Power Exhaust	
Roof Curb	
Oversized Motor	
Disconnect	
Hail Guard	
Through the Base	
Through the Gas	

1. Weights for options are approximate.
2. Weights for options that are not list refer to Installation guide.

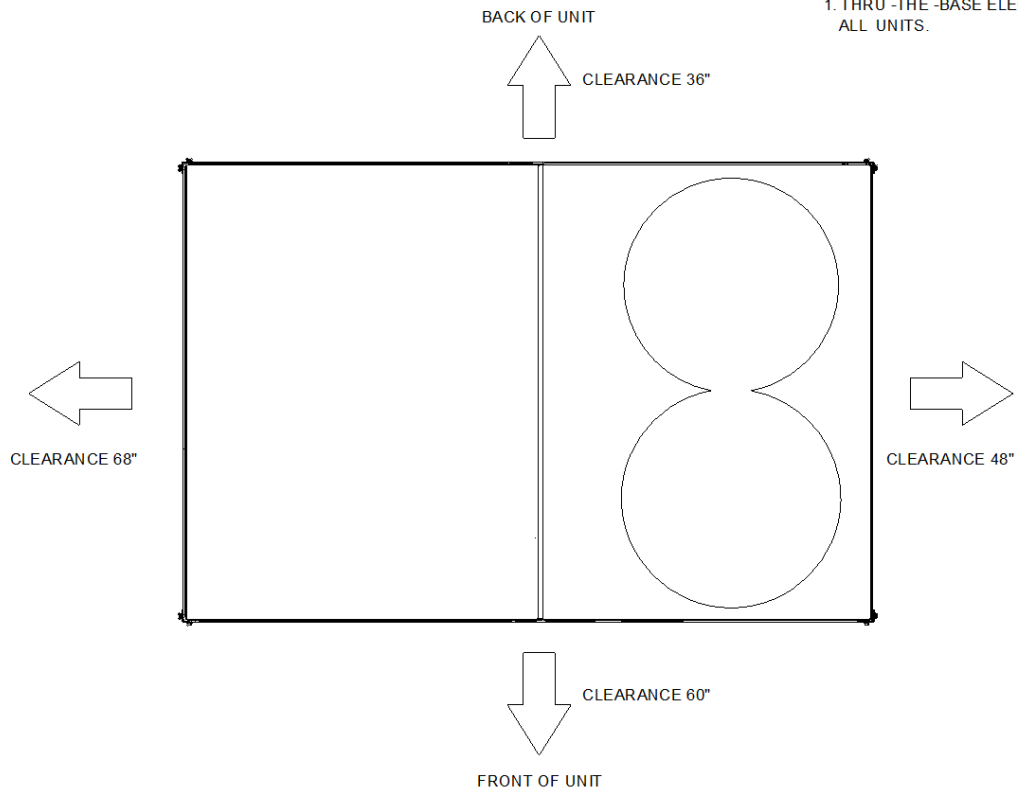


PACKAGED GAS/ELECTRIC PLAN VIEW

CENTER OF GRAVITY DRAWING

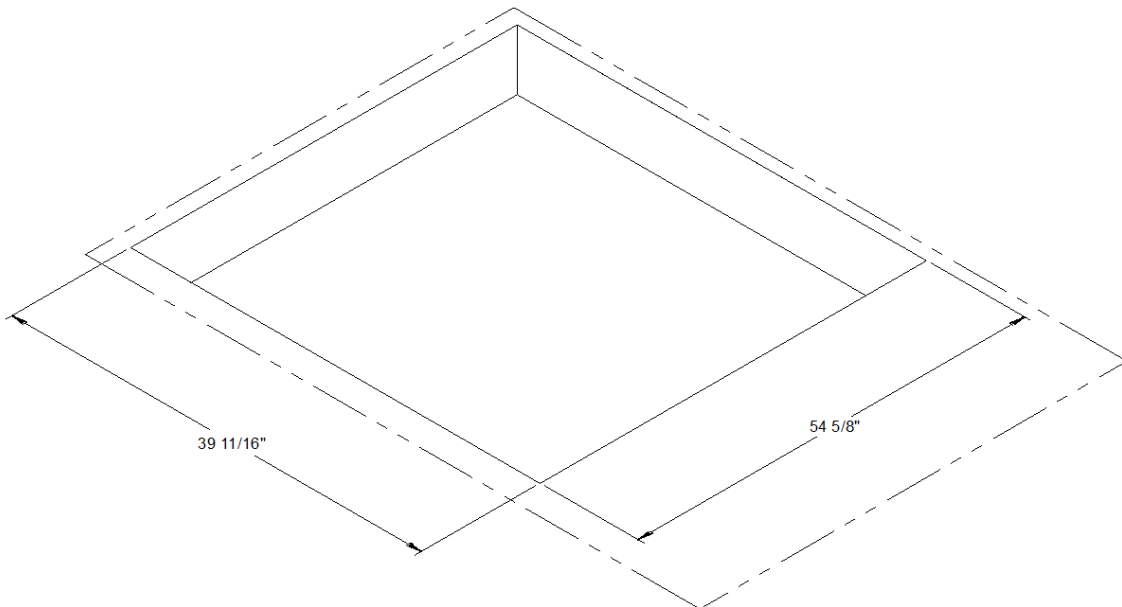


NOTES:
1. THRU -THE -BASE ELECTRICAL IS NOT STANDARD ON ALL UNITS.



PACKAGED GAS / ELECTRIC PLAN VIEW

CLEARANCE DRAWING



PACKAGED GAS / ELECTRIC PLAN VIEW

DOWNFLOW CLEARANCE DRAWING



General

- Packaged rooftop units cooling, heating capacities, and efficiencies are AHRI Certified within scope of AHRI Standard (I-P) and ANSI Z21.47 and 10 CFR Part 431 pertaining to Commercial Warm Air Furnaces
- Packaged rooftop units are dedicated downflow or horizontal airflow
- Operating range between 125°F and 40°F in cooling standard from the factory
- Factory assembled, internally wired, fully charged with R-410A, and 100 percent run tested to check cooling operation, fan and blower rotation, and control sequence before leaving the factory
- Colored and numbered wiring internal to the unit for simplified identification
- Units cULus listed and labeled, classified in accordance

Casing

- Zinc coated, heavy gauge, galvanized steel
- Weather-resistant baked enamel finish on phosphatized exterior surfaces
- Meets ASTM B117, 672 hour salt spray test
- Removable single side maintenance access panels
- Lifting handles in maintenance access panels (can be removed and reinstalled by removing no more than 11 fasteners while providing a water and air tight seal)
- Exposed vertical panels and top covers in the indoor air section shall be insulated with a 1/2-inch, 1-pound density foil-faced, fire-resistant, permanent, odorless, glass fiber material
- Base of unit shall be insulated with 1/2-inch, 1-pound density, foil-faced, glass fiber material
- Base pan shall have no penetrations within the perimeter of the curb other than the raised 1 1/8-inch high downflow supply/return openings to provide an added water integrity precaution, if the condensate drain backs up
- Downflow unit's base pan shall have no penetrations within the perimeter of the curb other than the raised 1 1/8-inch high supply/return openings to provide an added water integrity precaution, if the condensate drain backs up
- Base of unit shall have provisions for forklift and crane lifting

Compressors

- All units have direct-drive, hermetic, scroll type compressors with centrifugal type oil pumps
- Suction gas-cooled motor with voltage utilization range of plus or minus 10 percent of unit nameplate voltage
- Internal overloads standard with scroll compressors
- All models have phase monitors and Low and High Pressure Controls as standard

Discharge Line Thermostat

- A bi-metal element discharge line thermostat is installed as a standard option on the discharge line of each system
- Provides extra protection to the compressors against high discharge temperatures in case of loss of charge, extremely high ambient and other conditions which could drive the discharge temperature higher
- Wired in series with high pressure control
- When discharge temperature rises above the protection limit, the bi-metal disc in the thermostat switches to the off position, opening the 24 Vac circuit
- When temperature on the discharge line cools down, the bi-metal disc closes the contactor circuit, providing power to the compressor

Evaporator and Condenser Coils

- Microchannel coils burst tested by manufacturer
- Microchannel evaporator and condenser coils standard on all units
- Coils leak tested to ensure the pressure integrity
- Evaporator coil and condenser coil leak tested to 225 psig and pressure tested to 450 psig
- Sloped condensate drain pans are standard

Filters

Two inch standard filters shall be factory supplied on all units.



Gas Heat Section

- Progressive tubular heat exchanger, stainless steel burners and corrosion resistant steel
- Induced draft combustion blower shall be used to pull the combustion products through the firing tubes
- Heater shall use a direct spark ignition (DSI) system
- On initial call for heat, the combustion blower shall purge the heat exchanger for 20 seconds before ignition
- After three unsuccessful ignition attempts, entire heating system shall be locked out until manually reset at the thermostat/zone sensor
- Units shall be suitable for use with natural gas or propane (field-installed kit)

Indoor Fan

- Belt driven, FC centrifugal fans with adjustable motor sheaves
- Motors thermally protected
- Oversized motors available for high static application
- Indoor fan motors meet the U.S. Energy Policy Act of 1992 (EPACT)

Locking Safety Device

- Pressure switch monitoring allows for lockout in a situation where the switch is opened
- By monitoring the Y input as well as the pressure switches, advanced decision making can be made to identify situations where faults/errors occur

Outdoor Fans

- Outdoor fan shall be direct-drive, statically and dynamically balanced, draw-through in the vertical discharge position
- Fan motor(s) shall be permanently lubricated and shall have built-in thermal overload protection

Phase Monitor

- 3-phase line monitor module
- Protects against phase loss, phase imbalance and phase reversal indication
- Intended to protect compressors from reverse rotation
- Operating input voltage range of 180-632 Vac
- LED indicators for ON and FAULT
- No field adjustments
- Module will automatically reset from a fault condition

Refrigerant Circuits

- Each refrigerant circuit shall have thermostatic expansion valves, service pressure ports, and refrigerant line filter driers factory installed as standard
- An area shall be provided for replacement suction line driers

Refrigerant Pressure Control

All units include High and Low Pressure Cutouts as standard.

Unit Top

The top cover shall be double hemmed and gasket sealed to prevent water leakage.

Stainless Steel Heat Exchanger

- Gas heat exchanger shall be of tubular heat exchanger design
- Constructed from a minimum 304 grade stainless steel tubes and 439 stainless steel burners
- Shall have a 10-year warranty as standard (Gas/Electric only)

Economizer (Standard) - Downflow

- Assembly includes fully modulating 0-100% motor and dampers, barometric relief, minimum position setting, preset linkage, wiring harness with plug, fixed dry bulb and spring return actuator
- Barometric relief damper shall provide a pressure operated damper that shall be gravity closing and shall prohibit entrance of outside air during the equipment ?off? cycle

Filters

Two inch standard filters shall be factory supplied on all units.

CITY OF BIDDEFORD, MAINE
Request for Proposals (RFP)
Heating / Air conditioning Unit

Notice is hereby given that the City of Biddeford Public Works facility (CITY) is requesting sealed proposals for a complete Replacement of the Heating / Air conditioning Unit.

Proposal Procedure and Critical Dates

A mandatory pre proposal meeting will be held on Tuesday April 25, 2023, at 1:00 pm to be held at the City's Public Works department located at 371 Hill Street Biddeford, Maine 04005. Failure to attend shall disqualify any prospective responders.

Interested responders must register through e-mail to jeff.demers@biddefordmaine.org and joe.lovejoy@biddefordmaine.org to be considered a qualified party for proposal evaluation purposes. Assistance is available by calling Mr. Jeff Demers or Joe Lovejoy at (207) 282-1579. Failure to register through e-mail will result in disqualification. The e-mail registration will also serve to ensure the CITY has a complete notification list for addenda and clarifications.

1. Questions / requests for clarification must be submitted through e-mail to jeff.demers@biddefordmaine.org and joe.lovejoy@biddefordmaine.org Questions / requests for clarification must be submitted through e-mail no later than 3:00pm Tuesday May 9, 2023.
2. Responses to questions / requests for clarification will be e-mailed to all interested parties no later than 3:00pm Thursday May 11, 2023
3. Proposals must be received no later than 1:00pm Thursday May 18, 2023. Proposals may be sent via regular mail, express mail, or hand delivered to:

Department of Public Works
371 Hill Street
Biddeford, Maine 04005

The CITY is not responsible for misdirected, lost, or late submittals. Proposals received after the designated time will not be accepted. All proposals will be required to remain valid for period of (60) days.

Proposals shall be submitted in a sealed envelope plainly marked "Proposal for Heat / Air system for public works Facility". Proposals shall be submitted and shall state the Total Cost of the Heat / Air System FOB at the Public Works Facility located at 371 Hill street, Biddeford, ME 04005.

The City of Biddeford reserves the right to accept or reject any or all proposals. To negotiate with any responders, make any awards or any rejections in what it alone considers to be in the best interest of The City.

City of Biddeford, Maine
PUBLIC WORKS DEPARTMENT

MEMORANDUM

Bid Tabulation
Project: Heating Unit

Bid opening Date: Thursday May 18, 2023

Present: Jeff Demers Director Public Works/Wastewater - Kara Cote Office Manager.

Vendor	Meet specifications	Total Bid
Atlantic Comfort	Yes	\$31,812
Godbout Plumbing and heating	Yes	\$36,300



Finance Committee

Meeting Date: June 20, 2023

Meeting Time: 5:00 PM – 6:00 PM

Agenda Item No: 4.b

Item Description: 2023.75 Turf Tank Field Marking Robot

Submitted by: Jeff Demers Director Public Works/Waste Water

Supporting Information/Documentation:

6-5-2023 Biddeford parks and recreation Quote

6-5-2023 Attached video

Executive Summary:

The City of Biddeford Public Works Department is responsible for the maintenance of the City's athletic fields. Part of the public works parks department's maintenance duty responsibilities are all the infields' maintenance and lining of entire playing surfaces.

- Doran field- Co-Ed softball, little league softball, Flag Football, High school and Junior High Field hockey.
- Rotary park- Softball and Youth Football.
- St. Louis Field #1- Varsity baseball practice and games, greater northeast college baseball, River rat's baseball.
- St. Louis field #2- Junior varsity practice, varsity practice and rec and varsity soccer.
- Martel field- Biddeford's men's softball, Co-ed softball and junior soccer.

The Turf Tank Field Robot will allow staff to do other duties as the lining is being performed at each individual field mentioned above. Playing Fields will not need to be lined as often as the robot sprays the blades of grass at a much better/wider pattern than the aerosol cans being used today. This will help give each individual field a professional look and appearance for all attending playing events. The demo robot did line St. Louis Field #1 as seen in the video.

Detailed Review:

Product package shall include the following:

- Autonomous Field-Marking Robot
- GPS/RTK/UHF Base Station with Tripod
- Free form text creation (City logo, etc.)
- Paint: (\$2,000) 180 spray able gallons today. (Last year we used an estimated 127.5 gallons through aerosol cans)
- Commercial Android Tablet

- Robot Operations and Management Software
- Two Rechargeable Batteries and One Charging Station
- Standard turf tank accessories
- All Destination and On-Site Customer Training
- Customer support during normal business hours
- Continuous software improvements

This four-wheeled autonomous GPS robot creates the highest level of accuracy and stability for painting athletic fields. Management staff feels this robot if leased will provide time savings to allow for other needed requests that come in daily from other departments.

Yearly public Works is spending and estimated \$7,000 a year on (80 Cases) of Aerosol cans of paint and (50) bags of lining chalk. Yearly public works staff is spending an estimated 200 hours on lining fields for an estimated 175 events.

This request does not eliminate any staffing hours or positions. If approved this unit will allow city staff to continue other duties needed around any said playing field at an estimated (200 hours) of lining while the robot is doing lining duties. Allowing staff to attend to other duties more efficiently throughout any given day.

Turf Tank is the sole distributor in North America for the Intelligent One field marking robot

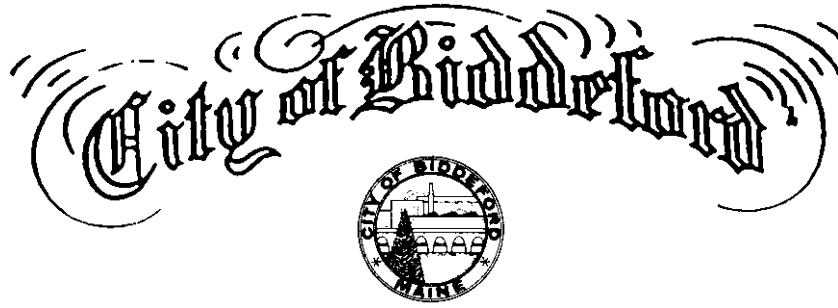
Funding Source:

21164 Public Works Parks Maintenance Operations budget. Recreation operations budget.

This is a 6 year contract that can be cancelled at any time at no charge going forward. Staff did negotiate the \$1,700 implementation fee to be waived if approved.

Staff Recommendation:

The lease purchase of the Turf Tank at a yearly cost of \$11,000. This agreement can be cancelled at any time at no additional fees. Staff will be available for any question



2023.75

IN BOARD OF CITY COUNCIL..June 20, 2023

BE IT ORDERED, that the City Council of the City of Biddeford does hereby award a contract for the lease of a Turf Tank Field Marking Robot through Turf Tank Inc. Not to exceed \$11,000 a year for no more than a six year term.



TURF TANK®

[ME] Biddeford Parks and Recreation – Plus Subscription Quote

[ME] Biddeford Parks and Recreation

3277, 189 Alfred St # 1, STE 1

Biddeford, ME 04005

United States

Reference: 20230413-082701263

Quote created: April 13, 2023

Quote expires: July 12, 2023

Quote created by: Mike Aveni

Regional Territory Manager – Atlantic Northeast

mike.aveni@turftank.com

Nick Blais

Parks Supervisor

nick.blais@biddefordmaine.org

207-468-4753

Products & Services

Item & Description	SKU	Quantity	Unit Price	Total
US – Turf Tank Plus Package – Upfront Implementation Cost		1	\$1,700.00	\$1,700.00
Includes:				
– Configuration & Shipping of Robot				
– Secure Inventory & Lock in Installation Date				
– Product Training & Online Resources				
US – Turf Tank Plus Package – Subscription		1	\$11,000.00 / year	\$11,000.00 / year for 6 years
Includes:				
– GPS Paint Robot + GPS Package (Includes				

Item & Description	SKU	Quantity	Unit Price	Total
Android Tablet)				
- Continuous Software Improvements				
- Free Form Text Creation				
- Standard Geometry Package				
- Extended Geometry Package				
- Paint: \$2,000 Allotment of Paint (White)				
- (2) Robot Batteries				
- Customer Support: Normal Business Hours (Mon-Fri)				
- Hardware Warranty Program: Limited (Excludes Consumables)				
- Standard Turf Tank Accessories				

Subtotals

Annual subtotal				\$11,000.00
One-time subtotal			N/C	\$1,700.00
			Total	\$12,700.00 \$ 11,000

Purchase terms & Comments

Implementation is a one-time fee.

The included \$2k annual paint allotment currently equates to ~180 sprayable gallons.

<u>Invoice Type</u>	<u>Invoice Details</u>
Implementation Fee Invoice	Implementation Fee Invoice must be paid prior to the shipment and installation of the robot. The invoice for Implementation Fee should be available within 24 hours after the contract has been signed and returned. The invoice will be emailed to the billing contact on file and will be from billing@turftank.com .
First Invoice	First Invoice will be emailed and made available within 24 hours after the robot has been shipped. Payment will be due at the installation and training of the robot. The invoice will be emailed to the billing contact on file and will be from billing@turftank.com .

Signature

Signature

Date

Printed name

Questions? Contact me



Mike Aveni
Regional Territory Manager – Atlantic Northeast
mike.aveni@turftank.com

Turf Tank
3330 Cobb Parkway NW
Suite 324-380
Acworth, GA 30101
United States



Finance Committee

Meeting Date: June 20, 2023

Meeting Time: 5:00 PM

Agenda Item No: 4.c

Item Description: 2023.76 Orange Overflow Bag Increase

Submitted by: Jeff Demers Director Public Works/Waste Water

Supporting Information/Documentation:

6-9-2023 Renewal contract (1) Year Waste Zero

6-9-2023 Cost tabulation sheet

Executive Summary:

The Public Works Department is looking for the approval from the City Council to allow for the adjustment in the pricing of the orange overflow trash bags.

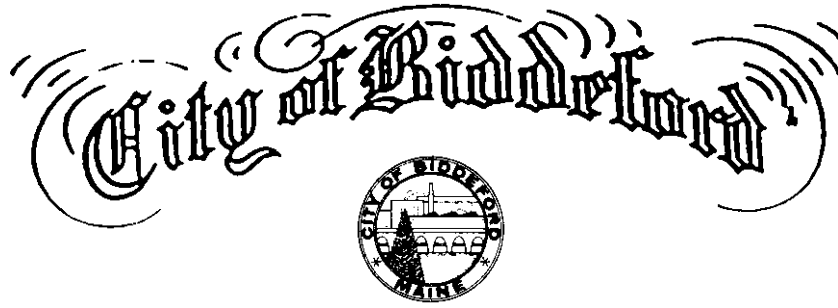
Detailed Review:

The Public Works Department is requesting that the City Council approve the new renewal agreement with Waste Zero. The last time the city had an increase was on May of 2019. The reason for Staffs request of a one year agreement is too allow staff some additional time to look at other option for overflow trash. Staff will bring forward any other options at a later date as we continue forward with full automation of trash pickup.

The Solid Waste Commission has visited this request and has voted to move it forward to Council.

Staff Recommendation:

Staff recommends a one year contract with waste Zero starting July 2023 through July 2024. Staff will be available for any questions on this request.



2023.76

IN BOARD OF CITY COUNCIL...June 20, 2023

BE IT ORDERED, that the City Council of the City of Biddeford does hereby approve the City Manager to move forward with a one year contract with Waste Zero. This agreement is for the sale of Orange over flow solid waste bags. Start date of agreement is July 1, 2023



Renewal of Agreement Biddeford, Maine April, 2023

**WasteZero, Inc.
11943 Grandhaven Drive, Ste A-1
Murrells Inlet, SC 29576
800-866-3954
www.wastezero.com**





**Renewal of Agreement dated May 17, 2013
between WasteZero, Inc.
and the City of Biddeford, Maine**

This Renewal of WasteZero Supplies and Services Agreement (the “Renewal”) is made and entered into this the 1st day of July, 2023 (the “Effective Date”), by and between WasteZero, Inc., a Delaware corporation, hereinafter referred to as “WasteZero”, and the City of Biddeford, Maine, hereinafter referred to as “Municipality”.

WITNESSETH

WHEREAS, WasteZero has an Agreement with the City of Biddeford to provide trash bags; and

WHEREAS, the parties have previously mutually renewed and extended the Agreement since 2013; and

WHEREAS, the Municipality and WasteZero mutually agree to enter into a Renewal of the Agreement, based on the prices and specifications hereinafter stated.

NOW, THEREFORE, in consideration of the foregoing, the mutual covenants and agreements set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

1. Term. The term of this renewal (the “Renewal”) will begin on the Effective Date and end July 1, 2024 (the “Term”). This Renewal and Agreement are subject to further optional renewal terms, as mutually agreed between the parties.
2. Integration. Except as specifically set forth in this Renewal, all provisions of the Agreement and First Renewal are incorporated by reference as if set forth in full herein, reaffirmed and remain in full force and effect.



3. WasteZero Supplies and Services Fee. During the Term, the Fee for the supplies and services shall be:

Contract Year	Large (Fee per Case)	Small (Fee per Case)
Year 1: 2023-2024	\$89.50	\$95.25
Year 2: 2024-2025	TBD	TBD
Year 3: 2025-2026	TBD	TBD

TBD in Year 2 through End of Term is determined in accordance with Paragraph 9: WasteZero and Municipality will consult with each other in advance of any expected price adjustments.

IN WITNESS WHEREOF, the parties hereto have executed this Renewal to the Agreement, which shall have the force and effect of an original, which shall take effect as an instrument under seal on the latest day and year written below.

City of Biddeford, Maine

WasteZero, Inc.

By: _____

By: _____

Name: _____

Name: David M. Bryla

Title: _____

Title: CEO

Date: _____

Date: _____