



The Wright Company

AIR CONDITIONING • HEATING

FL# CMC1250742 / AL# 92093

Proposal for Service

11/12/2022

City of Pensacola

Attn: Randall Pierce

rpierce@cityofpensacola.com

Re: Tryon Library

1200 Langley Ave., Pensacola, FL 32504

Proposal to replace 5 HVAC systems

Good afternoon Mr. Pierce,

The Wright Company is pleased to propose our service at the Tryon Library.

Our proposal includes all labor, equipment, materials, and expenses relative to the project, unless listed as excluded. Any permits or rigging necessary to complete your job are included.

Our scope of work:

- 1- Replace 5 existing HVAC units/systems, per the equipment and installation specifications and scope of work attached, with noted exception below.

EXCEPTION - PLEASE NOTE:	There is no way to actively control humidity with this system type. 40-60% relative humidity <u>cannot</u> be guaranteed.
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\$72,680.00	Replace 5 specified HVAC systems at the Tryon Library.
If you would like to accept this proposal and move forward with the work, please sign and date to accept, then email back:	
Signature:	Date:

Please note that we do not propose or perform any work associated with painting or patching, concrete or sidewalks, ceiling or roofing, structural or architectural, and fire sprinkler work. Please add 1.5% if a bond is required.

Due to the fluctuation of material and equipment prices, our pricing is guaranteed for 30 days. Acceptance of our proposal after 30 days may be subject to a price increase to accommodate material or equipment price variations.

Please feel free to call with any questions or if you need anything further. Thank you for the opportunity to propose this work for you. We appreciate your time and consideration, and look forward to hearing from you.

Sincerely,

Richard Caum

Richard Caum, Service Division Manager

Tryon Library HVAC Systems Replacement Scope of Work

Location: Tryon Branch Library
1200 Langley Avenue
Pensacola, FL 32504

This scope of work is for the removal and replacement of the five (5) HVAC systems at the above listed location. The systems currently installed are as follows:

HP-1	York Condenser	Model# EA090C00A2AAA1A	Serial# N0M8478607
	York Air Handler	Model# FA090C00A6AAA1B	Serial# N0K8330768
	Aux Heater	Model# 2HS04501025A	Serial# SN849311
HP-2	York Condenser	Model# EA090C00A2AAA1A	Serial# N0M8457815
	York Air Handler	Model# FA090C00A6AAA1A	Serial# N0L7405883
	Aux Heater	Model# 2HS04500125A	Serial# SN849311
HP-3	York Condenser	Model# EA120C00A2AAA1A	Serial# N0L7348647
	York Air Handler	Model# FA120C00A6AAA1A	Serial# N0K7244670
	Aux Heater	Model# 2HS04501025A	Serial# SN849311
AC-1	York Condenser	Model# H1RA076S25H	Serial# W0N8493320
	York Gas Furnace	Model# GY8S160E30UH21D	Serial# W0M8449939
	ADP Evaporator	Model# G2FD0090S35A	Serial# 7108H20042
AC-2	York Condenser	Model# H1RA076S25H	Serial# W0N8493317
	York Gas Furnace	Model# GY8S160E30UH21D	Serial# W0M8449936
	ADP Evaporator	Model# G2FD0090S35A	Serial# 7108H20041

All systems must meet the following specifications:

1. All systems, if possible, need to be two stage single refrigerant circuit.
2. All systems must be at least 11eer or better.
3. All 7.5tn and 10tn air handlers must be belt driven blower with VFD.
4. All evaporator coils must have factory installed TXV or EEV.
5. All systems to be R-410A refrigerant.
6. All condensers must have high and low pressure protection installed.
7. All gas furnaces must be at least 80% efficient with two stage gas valves.
8. All gas furnaces must have ECM blower motors.
9. All systems must have thermostats equipped with humidity sensor and must be able to control space humidity levels at between 40%-60%.
10. All three phase equipment must have phase monitoring and phase loss protection installed.

All systems must meet the following installation specifications:

1. All work must be permitted and inspected, and installed to meet or exceed local, state, and federal codes that apply.
2. All systems will be installed per manufacture specifications to ensure full factory warranty.
3. All existing smoke detectors will be reconnected to new systems and function as intended.
4. All condensers must be secured to existing slab as per code.
5. All ductwork that must be modified or replaced to attach to new systems must be sealed with tape and mastic.
6. All insulation removed or required for new ductwork must be at least R-6 and must be sealed with tape and mastic to prevent condensation on ductwork.
7. All suction lines to condensers, air handlers, and evaporator coils must be at least $\frac{3}{4}$ " wall insulation, and all joints or seams must be glued with appropriate contact adhesive designed for rubber tubing insulation.
8. All drain lines must be either copper or schedule 40 PVC and installed as per manufacture recommended specifications.
9. All drain lines must be insulated with at least $\frac{1}{2}$ " wall insulation, and all joints and seams must be glued with appropriate contact adhesive designed for rubber tubing insulation.
10. All drain lines must have safety switches installed to shut units down incase of blockage in drain line.
11. All drain lines must be securely fastened to floor and routed to nearest floor drain.
12. All air handling units must have anti-vibration pads installed under units.
13. Carbon monoxide detectors must be installed in mechanical room near gas furnaces.
14. All vent piping for gas furnaces must be of appropriate size and configuration as per code.

15. Appropriately sized Ionic style air cleaners must be installed in systems.

Contractor must provide all needed electrical, copper, refrigerant, labor, and any other required materials needed to install and make systems fully operational.

Contractor is responsible for removal and disposal of all removed equipment and accessories.

Contractor must keep job site clean and all proper safety procedures must be followed during installation.

Contractor must install appropriately sized pleated filters on startup of new systems and at least one full set of filters to Escambia County Facilities for first scheduled filter change.

All work must be inspected by Escambia County Facilities Management representative and any punch list items resolved before invoice is submitted for payment.

Contractor must provide a minimum of a 90-day parts and labor warranty from date of job completion.

Contractor must provide all IOM documents on all installed equipment, including thermostats, Ionic air cleaners, phase monitors, and carbon monoxide detectors.

Contractor is responsible and must provide documentation showing all installed equipment and accessories are registered with manufactures for full factory warranty.



MINGLEDORFFS INC
 30020 Co Rd 49
 Loxley, AL 36551
 (P) (256) 390-6680

Proposal

Project Name: Tryon Library HVAC Replacements

Bid Date: 03/25/2022

Location: Pensacola, FL

Expiration Date: 04/24/2022

Attention:

Proposal Number: 0322JMAY0117

*PROPOSED REPLACEMENT EQUIPMENT

We propose to furnish the equipment listed below at prices stated in accordance with Mingledorff's Inc. standard terms of sale.

Mark For	Qty	Model Number	Description
HP-1,2	2	38AUQD08A0A5-0A0A0	7.5 ton Heat Pump Condensing Unit The following items are included: <ul style="list-style-type: none"> • Voltage: 208/230-3-60 • Single Circuit, Two Stage • Standard/Temp Sensor in Control Box • Electro-Mechanical Controls • AI/Cu Standard
	2	40RUQA08T2A5-0A0A0	7.5 ton Fan Coil Unit The following items are included: <ul style="list-style-type: none"> • Voltage: 208/230-3-60 • 2-Speed VFD Controller • Standard Motor/Med Drive(028-Alt Mtr) • Standard AI Fin / Copper Tube
	Accessories (Field Installed by others)		
	2	33CONNECTSTAT	Thermostat with humidity control
	2	CAELHEAT004A00	10 kW Electric Heater
HP-3	1	38AUQD12A0A5-0A0A0	10 ton Heat Pump Condensing Unit The following items are included: <ul style="list-style-type: none"> • Voltage: 208/230-3-60 • Single Circuit, Two Stage • Standard/Temp Sensor in Control Box • Electro-Mechanical Controls • AI/Cu Standard
	1	40RUQA12T2A5-0A0A0	10 ton Fan Coil Unit The following items are included: <ul style="list-style-type: none"> • Voltage: 208/230-3-60 • 2-Speed VFD Controller • Standard Motor/Med Drive(028-Alt Mtr) • Standard AI Fin / Copper Tube
	Accessories (Field Installed by others)		
	1	33CONNECTSTAT	Thermostat with humidity control
	1	CAELHEAT004A00	10 kW Electric Heater
AC-1,2	2	38AUZD07A0A5-0A0A0	6.0 Ton - Puron - AC Cond Unit The following items are included: <ul style="list-style-type: none"> • Voltage: 208/230-3-60 • Single Circuit, Two Stage • Standard/Temp Sensor in Control Box • AI/Cu Standard • Electro-Mechanical Controls
	4	58SB0A070E17--12	54k BTUH Furnace 80% AFUE
	Accessories (Field Installed by others)		
	2	33CS2PPRH-03	Edge Pro two-stage programmable with humidity control
	2	AGATWNDTE01A	Furnace Twinning Kit Discrete Tapped Motor
	2	ABM72-2Y74E+V R410A	6 ton AllStyle Coil