

**ITEMIZED COST PROPOSAL****PROJECT NAME: BID No. 09/24 - HEAT PUMP ROOFTOP UNITS REPLACEMENT****PROJECT LOCATION: MNB BUILDING****PROPOSED PROJECT START DATE: 12/21/24****COMPANY NAME:****COMPANY REPRESENTATIVE:**

New (2) RTUs to be High-Efficiency heat pumps, 5 TON miimum, with heat kits and BacNet interface cards to connect to BAS communications capability.

LINE ITEM	DESCRIPTION	QTY	Unit	Unit Cost
1	Disconnect all power wiring, control wiring, ductwork, and condensate lines from two (2) existing RTUs.		EA	
2	Recover refrigerant and dispose according to EPA guidelines.		EA	
3	Remove the (2) existing rooftop units and ductwork as needed.		EA	
4	Remove 2 RTUs from the roof; OAS to keep old RTUs.		EA	
5	Prepare ductwork connections for the new RTUs.		EA	
6	Remove the roofing membrane to expose the metal decking where the existing RTUs were resting. (for roof curbs installation).		EA	
7	Provide and install 16" tall roof curbs for new RTUs to rest on.		EA	
8	Flash the roof curbs to the roof before RTU installation.		EA	
9	Provide and install (2) new RTUs (as specified by OAS) on roof curbs.		EA	
10	Provide and install new return and new supply duct for the (2) new RTUs.		EA	
11	All new ductwork to be 1" sound lined.		EA	
12	Provide and install insulation as needed, on new ductwork, for the supply and the return for new RTUs		EA	
13	Upgrade existing electrical wiring, disconnects, etc., as needed.		EA	
14	Reconnect the existing power/control wiring & ductwork to the new RTUs.		EA	
15	Provide and install economizers and manual outside air kits on each of the (2) new RTUs.		EA	
16	Provide and install new 1" condensate drain lines on the (2) new RTUs. Drain lines will be installed to nearest roof drains.		EA	
17	Provide and install new 7-day programmable (NEST) thermostats for the new RTUs.		EA	
18	Perform the startup of each new RTU.		EA	
19	Test and balance new RTUs.		EA	
20	Record operational readings on new (2) RTUs.		EA	
21	Clean up all work areas of all debris.		EA	
22	Provide a full (3) three-year warranty on workmanship.		EA	
23	Provide a full (3) three-year equipment manufacturer's warranty.		EA	

**TOTAL**

