


**HEAT PUMPS BID# 2017B-7
BID TABULATION**

DESCRIPTION	RF PECK		
ALL PRICES TO INCLUDE DELIVERY			
Climate Master Model #	Manufacturer and Model # of Unit Bid	Date of Award – 8/31/2018 Base Bid Price Each	9/01/2018 – 8/31/2019 Base Bid Price Each
A. Console Unit	CLIMATE MASTER		
TRC07	N/A	N/A	N/A
TRC09	TRC09	\$2,275.00	\$2,394.00
TRC12	TRC12	\$2,305.00	\$2,426.00
TRC15	TRC15	\$2,390.00	\$2,516.00
Climate Master Model #	Manufacturer and Model # of Unit Bid	Date of Award – 8/31/2018 Base Bid Price Each	9/01/2018 – 8/31/2019 Base Bid Price Each
B. Ceiling Mount Unit**	CLIMATE MASTER		
TCH009	TCH009	\$1,754.00	\$1,847.00
TCH030	TCH030	\$2,432.00	\$2,560.00
TCH036	TCH036	\$2,468.00	\$2,598.00
TCH042	TCH042	\$2,646.00	\$2,785.00
TCH060	TCH060	\$3,109.00	\$3,273.00
*Please quote complete with hanger kit and 24V controls.			
Description	Manufacturer and Model # of Unit Bid	Date of Award – 8/31/2018 Base Bid Price Each	9/01/2018 – 8/31/2019 Base Bid Price Each
C. Thermostats - Climate Master #ATP21U01 or Equivalent	CLIMATE MASTER ATP21W02	\$94.84	\$99.83
1. SOLID STATE CONTROL SYSTEM (CXM)	If not included Please Specify		
a. Options:	INCLUDED YES/NO	Date of Award – 8/31/2018 Base Bid Price Each	9/01/2018 – 8/31/2019 Base Bid Price Each
Anti-short cycle time delay on compressor operation	YES		
Random start on power up mode	YES		
Low voltage protection	YES		
High voltage protection	YES		
Unit shutdown on high or low refrigerant pressures	YES		
Unit shutdown on low water temperature	YES		
Condensate overflow electronic protection	YES		
Option to reset unit at thermostat or disconnect	YES		
Automatic intelligent reset. Unit shall automatically reset the unit 5 minutes after trip if the fault has cleared. If a fault occurs 3 times sequentially, without thermostat meeting temperature, then lockout requiring manual reset will occur.	YES		
Ability to defeat time delays for servicing	YES		
Light emitting diode (LED) on circuit board to indicate high pressure, low pressure, low voltage, high voltage, freeze protection, condensate overflow, and control voltage status	YES		
The low pressure switch shall not be monitored for the first 120 seconds after a compressor start command to prevent nuisance safety trips.	YES		
			Page 1

**HEAT PUMPS BID# 2017B-7
BID TABULATION**

DESCRIPTION	RF PECK		
ALL PRICES TO INCLUDE DELIVERY			
(CONTINUED) CONTROLLER OPTIONS	INCLUDED YES/NO	Date of Award – 8/31/2018 Base Bid Price Each	9/01/2018 – 8/31/2019 Base Bid Price Each
24V output to cycle a motorized water valve or other device with compressor contactor	YES		
Unit Performance Sentinel (UPS). The UPS warns when the heat pump is running inefficiently	YES		
Water coil freeze protection (selectable for water or anti-freeze)	YES		
Air Coil freeze protection	YES		
2. BALANCED SOLID STATE CONTROL SYSTEM (DXM)			
a. Control shall have all of the above mentioned features of the CXM control system along with the following expanded options included:	YES		
Removable thermostat.connector	YES		
Night setback control	YES		
Random start on return from night setback	YES		
Minimized reversing valve operation (Unit control logic shall only switch the reversing valve when cooling is demanded for the first time. The reversing valve shall be held in this position until the first call for heating, ensuring quiet operation and increased valve life)	YES		
Override temperature control with 2-hour (adjustable) timer for room occupant to override setback temperature at the thermostat	NO		
Dry contact night setback output for digital night setback thermostats	YES		
Ability to work with heat pump or heat/coll (Y,W) type thermostats	YES		
Ability to work with heat pump thermostats using O or B reversing valve control	YES		
Emergency shutdown contacts	YES		
Boilerless system heat control at low loop water temperature	YES		
Ability to allow up to 3 units to be controlled by one thermostat	YES		
Relay to operate an external damper	YES		
Ability to automatically change fan speed from multistage thermostat	YES		
Relay to start system pump	YES		
75VA control transformer. Control transformer shall have load side short circuit and overload protection via a built in circuit breaker.	YES		
3. REMOTE SERVICE SENTINEL	YES		
4. MULTIPLE PROTOCOL CONTROL INTERFACE SYSTEM		\$553.55	\$582.68
5. ACCESSORIES			
a. Console Model Supply & Return Hose Kit, #AHK0501		\$59.75	\$62.90
b. Supply & Return Hoses for Ceiling Mount Unit		\$124.08	\$130.61
			Page 2

**HEAT PUMPS BID# 2017B-7
BID TABULATION**

DESCRIPTION	RF PECK		
	ALL PRICES TO INCLUDE DELIVERY		
(CONTINUED) CONTROLLER OPTIONS	INCLUDED YES/NO	Date of Award – 8/31/2018 Base Bid Price Each	9/01/2018 – 8/31/2019 Base Bid Price Each
c. 24VAC Remote STAT		\$94.84	\$99.83
d. Pete's Plug		\$15.53	\$16.35
e. Replacement Controller		\$305.68	\$321.77
f. Climate Master Circuit Boards, #DXM 17B0002N01		\$305.68	\$321.77
g. Climate Master FP2 Sensor, #17B005N02		\$68.59	\$72.20
h. Expansion Valve, #33B0006N08		\$145.25	\$152.90
COMPRESSOR WARRANTY			
5 Year (If not available, please indicate and price option accordingly) _____ # of years	5 years		
Optional Cost (N/A if included in Purchase Price)	Add 5% to Base Bid		
COMMENTS:			
DEVIATIONS:			
ALL DATA IS PRELIMINARY AND DOCUMENTED AT THE TIME OF BID OPENING, SUBJECT TO ERRORS OR OMISSIONS.			
THIS DATA SHOULD NOT BE INTERPRETED AS CONFIRMATION OF BID RESULTS UNLESS SIGNED BY THE JEFFERSON COUNTY PURCHASING DEPARTMENT.			
THIS BID TABULATION DOES NOT IMPLY AN AWARD HAS BEEN MADE UNLESS NOTED.			
 PURCHASING DEPARTMENT			8/15/17 DATE
			Page 3