



Collier County
Public Schools
Purchasing

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TABULATION SHEET

# & Title:	#19a-100 HVAC Parts, Equipment & Supplies		
Location:	Districtwide via Maintenance Department		
Opening Date:	2:00PM, Tuesday, February 26, 2019		
Term:	July 1, 2019 through June 30, 2021		
Est. Exposure:	\$225,000.00 \$250,000.00 each year		
Funding:	General w/ Capital Transfer		
Vendors Notified:	99	Documents Obtained:	10
Submittals:	3		

		ASPEN Refrigerants	Carroll Air Systems	Johnstone Supply	Naples Armature (added 7/1/19)	United Refrigeration
Bidder Name, Address, Phone #		38-18 33rd Street Long Island City, NY 11101 (800) 473-3766 contracts.department@aspenrefrigerants.com	5840 Halifax Ave Ft. Myers, FL 33912 (239) 939-5553 parts@carrollair.com	3484 Domestic Ave Naples, FL 34104 (239) 643-3446 store115@johnstonesupply.com	1101 5th Ave S Naples, FL 34102 (239) 262-4554 ianet@naplesarmature.com	3400A Westview Drive Naples, FL 34104 (239) 643-2733 branchs5@uri.com
Description of Item	Qty					
% Discounts						
Armstrong	%	NB	NB	55%+ *	20% *	NB
Baldor	%	NB	40% *	55%+ *	20% *	NB
Beacon	%	NB	NB	55%+ *	NB	50% *
Beckett	%	NB	NB	55%+ *	NB	50% *
Belimo	%	NB	NB	55%+ *	NB	NB
Bell & Gossett	%	NB	NB	55%+ *	20% *	NB
Browning	%	NB	50% *	55%+ *	20% *	50% *
Carrier	%	NB	NB	55%+ *	NB	NB
Century (AO Smith)	%	NB	NB	55%+ *	Varies *	50% *
Coleman Evcon	%	NB	NB	55%+ *	NB	NB
Copeland	%	NB	45% *	55%+ *	NB	50% *
Costguard	%	NB	NB	NB	NB	50% *
Daikin	%	NB	NB	55%+ *	NB	50% *
Danfoss	%	NB	NB	55%+ *	NB	50% *
Eaton	%	NB	30% *	55%+ *	NB	50% *
Everpure	%	NB	NB	55%+ *	NB	50% *
FASCO	%	NB	NB	55%+ *	30% *	50% *
Furnas	%	NB	40% *	55%+ *	NB	NB
Goodyear	%	NB	NB	NB	30% *	
Honeywell	%	Varies *	NB	55%+ *	NB	50% *

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Description of Item	Qty					
ITT General	%	NB	NB	55%+ *	NB	NB
Johnson Controls (JCI)	%	NB	NB	55%+ *	NB	50% *
Kolpak	%	NB	NB	55%+ *	NB	NB
Lovejoy	%	NB	NB	55%+ *	25% *	NB
Manitowoc	%	NB	NB	55%+ *	NB	NB
Motors & Armatures, Inc. (MARS)	%	NB	NB	55%+ *	NB	50% *
Marathon	%	NB	NB	55%+ *	25% *	50% *
National Refrigeration & Air Conditioning (NRP)	%	NB	NB	NB	NB	50% *
Packard	%	NB	NB	55%+ *	Varies *	50% *
Pentair	%	NB	NB	NB *	NB	50% *
Perragon	%	NB	NB	55%+ *	NB	50% *
Precision Aire	%	NB	NB	45%+ *	NB	50% *
Ranco	%	NB	NB	55%+ *	NB	50% *
Robertshaw	%	NB	NB	55%+ *	NB	NB
Scotsman	%	NB	NB	35%+ *	NB	50% *
Sporland	%	NB	45% *	55%+ *	NB	50% *
Supco	%	NB	NB	55%+ *	NB	50% *
Square D	%	NB	NB	55%+ *	25% *	NB
Taco	%	NB	NB	55%+ *	15% *	NB
Tecumseh	%	NB	45% *	55%+ *	NB	50% *
Thermal Zone	%	NB	NB	NB *	NB	Varies *
Trane	%	NB	25% *	NB *	NB	NB
Trenton	%	NB	NB	NB *	NB	50% *
US Motors (Emerson)	%	NB	NB	55%+ *	30% *	50% *
White Rogers	%	NB	NB	55%+ *	NB	50% *
York	%	NB	NB	55%+ *	NB	NB
Other	%	Varies *	Varies *	TOOLS: 50% *	Varies *	NB
% Flat Discount (other items)	%	0% *	NB	NB *	Varies *	50% *

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Description of Item	Qty					
Compressor & Condensing Units						
1. Compressor, 4HP - 4HP 53MBH R22 COMP 230/1PH	EA	NB	\$ 737.13 *	55% DISCOUNT *	NB	\$ 821.53 *
2. Compressor, 2/3HP - 2/3HP R-404A SWT 115V	EA	NB	\$ 740.00 *	55% DISCOUNT *	NB	\$ 435.29 *
3. Compresor, 4HP - 4HP 208-230/1/60	EA	NB	NB	NB	NB	NB
4. Compressor, Scroll 6HP - 6HP 208-230/3	EA	NB	NB	55% DISCOUNT *	NB	\$ 1,835.21 *
5. Compressor, Scroll 2 3/4HP - 2 3/4 HP 32.6K R22 460/3	EA	NB	\$ 690.38 *	55% DISCOUNT *	NB	\$ 539.55 *
6. Compressor, Scroll 5HP - 5HP 61K 208-230/1 R-22	EA	NB	\$ 644.95 *	55% DISCOUNT *	NB	\$ 718.32 *
7. Condensing Unit, 1HP - M/T 1HP R404A 208-230/3 PSC	EA	NB	NB	NB	NB	\$ 2,115.46 *
8. Condensing Unit - 1/4HP R22 C/T 115V ECHM MOTOR	EA	NB	NB	55% DISCOUNT *	NB	\$ 248.75 *
Controls						
9. Defrost Switch - Defrost Termination Switch	EA	NB	NB	55% DISCOUNT *	NB	NB
10. Defrost Timer - 40 AMP SPDT	EA	NB	NB	55% DISCOUNT *	NB	\$ 89.84 *
11. Fan Delay Switch - Fan Delay Switch	EA	NB	NB	55% DISCOUNT *	NB	NB
12. Low Pressure Control - Pressure Range: 10" to 100#, SPST	EA	NB	NB	55% DISCOUNT *	NB	\$ 82.34 *
13. Temperatire Control - SPDT -40 TO 220 24/120/208/240 NEMA	EA	NB	NB	55% DISCOUNT *	NB	\$ 78.54 *
14. Capacitor, Dual - 80/7.5 MFD @ 370V Round Dual	EA	NB	NB	55% DISCOUNT *	\$ 24.50 *	\$ 22.89 *
15. Capacitor, Dual - 45/5 MFD 440V	EA	NB	NB	55% DISCOUNT *	\$ 32.50 *	\$ 11.90 *
16. Contactor, Definite Purpose - 3P 30A 120 VAC IRP DP	EA	NB	NB	55% DISCOUNT *	\$ 25.00 *	\$ 20.40 *
17. Contactor, Definite Purpose - 2P 40A 24V	EA	NB	\$ 26.55 *	55% DISCOUNT *	\$ 15.00 *	\$ 17.20 *
18. Contactor, Definite Purpose - 3P 60A 120V	EA	NB	\$ 71.37 *	55% DISCOUNT *	\$ 29.00 *	\$ 68.87 *
19. Contactor, Definite Purpose - 3P 60A 24V	EA	NB	\$ 114.24 *	55% DISCOUNT *	\$ 29.00 *	\$ 69.36 *
20. Contactor, Definite Purpose - 3P 75A 120V	EA	NB	\$ 100.98 *	55% DISCOUNT *	\$ 29.00 *	\$ 94.87 *
21. Delay Timer - 120V 6 TO 00 Second Delay 15A	EA	NB	NB	55% DISCOUNT *	NB	\$ 66.10 *
22. Motor Start Kit - 2-wire mechanical potential relay hard start, 3.5 - 5 HP	EA	NB	NB	55% DISCOUNT *	NB	\$ 35.83 *
23. Motor Start Kit - 2-wire mechanical potential relay hard start, 1-3 HP	EA	NB	NB	55% DISCOUNT *	NB	\$ 31.67 *
24. Capacitor, Single Run - 30 MFD 370V Oval	EA	NB	NB	55% DISCOUNT *	\$ 8.95 *	\$ 9.07 *
25. Temperature Control, SPDT -30/100F 240V	EA	NB	NB	55% DISCOUNT *	NB	\$ 101.56 *
26. Thermostatic Expension Valve - 3.5 - 4 Ton R22 3/8" OD	EA	NB	NB	55% DISCOUNT *	NB	\$ 84.92 *
27. Transformer - 40VA 120/208/240/24V	EA	NB	\$ 93.28 *	55% DISCOUNT *	\$ 25.00 *	\$ 15.55 *

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Description of Item	Qty					
Copper						
28. Copper Line Set - 1/4' x 1/2" x 25', 14/4 cable	EA	NB	NB	50% DISCOUNT *	NB	\$ 120.24 *
29. Copper Line Set - 1/4' x 1/2" x 50', 14/4 cable	EA	NB	NB	50% DISCOUNT *	NB	\$ 199.81 *
30. ACR Rigid Tubing - 3/8" OD	EA	NB	NB	50% DISCOUNT *	NB	\$ 0.88 *
31. ACR Rigid Tubing - 5/8" OD	EA	NB	NB	50% DISCOUNT *	NB	\$ 1.68 *
32. ACR Rigid Tubing - 7/8" OD	EA	NB	NB	50% DISCOUNT *	NB	\$ 2.72 *
33. ACR Rigid Tubing - 1-5/8 OD	EA	NB	NB	50% DISCOUNT *	NB	\$ 6.78 *
34. Fitting, Elbow - 3/8" 90 FxF ELL, Short	EA	NB	NB	50% DISCOUNT *	NB	\$ 1.96 *
35. Fitting, Elbow - 3/8" LT 90 FxF ELL, Long	EA	NB	NB	50% DISCOUNT *	NB	\$ 2.48 *
36. Fitting, Tee - 3/8" FxFxF ELL	EA	NB	NB	50% DISCOUNT *	NB	\$ 3.91 *
37. Fitting, Elbow - 5/8" 90 FxF ELL, Short	EA	NB	NB	50% DISCOUNT *	NB	\$ 2.19 *
38. Fitting, Elbow - 5/8" LT 90 FxF ELL, Long	EA	NB	NB	50% DISCOUNT *	NB	\$ 2.81 *
39. Fitting, Tee - 3/8" FxFxF ELL	EA	NB	NB	50% DISCOUNT *	NB	\$ 3.91 *
40. Fitting, Elbow - 7/8" 90 FxF ELL, Short	EA	NB	NB	50% DISCOUNT *	NB	\$ 3.94 *
41. Fitting, Elbow - 7/8" LT 90 FxF ELL, Long	EA	NB	NB	50% DISCOUNT *	NB	\$ 3.62 *
42. Fitting, Tee - 7/8" FxFxF ELL	EA	NB	NB	50% DISCOUNT *	NB	\$ 2.97 *
43. Fitting, Elbow - 1 1/8" 90 FxF ELL, Short	EA	NB	NB	50% DISCOUNT *	NB	\$ 5.28 *
44. Fitting, Elbow - 1 1/8" LT 90 FxF ELL, Long	EA	NB	NB	50% DISCOUNT *	NB	\$ 5.83 *
45. Fitting, Tee - 1 1/8" FxFxF ELL	EA	NB	NB	50% DISCOUNT *	NB	\$ 8.40 *
46. Soft Tubing - 3/8" x 30'	EA	NB	NB	50% DISCOUNT *	NB	\$ 24.79 *
47. Soft Tubing - 3/8" x 50'	EA	NB	NB	50% DISCOUNT *	NB	\$ 37.49 *
48. Soft Tubing - 3/8" x 100'	EA	NB	NB	50% DISCOUNT *	NB	\$ 79.43 *
49. Soft Tubing - 5/8" x 30'	EA	NB	NB	50% DISCOUNT *	NB	\$ 47.19 *
50. Soft Tubing - 5/8" x 50'	EA	NB	NB	50% DISCOUNT *	NB	\$ 71.31 *
51. Soft Tubing, 5/8" x 100'	EA	NB	NB	50% DISCOUNT *	NB	\$ 146.92 *
52. Soft Tubing - 7/8 x 30' OD	EA	NB	NB	50% DISCOUNT *	NB	\$ 83.57 *
53. Soft Tubing - 7/8 x 50' OD	EA	NB	NB	50% DISCOUNT *	NB	\$ 126.28 *
54. Soft Tubing - 7/8 x 100' OD	EA	NB	NB	50% DISCOUNT *	NB	\$ 263.66 *
55. Soft Tubing - 1 1/8 x 30' OD	EA	NB	NB	50% DISCOUNT *	NB	NB

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Description of Item	Qty					
56. Soft Tubing - 1 1/8 x 50' OD	EA	NB	NB	50% DISCOUNT *	NB	\$ 184.22 *
57. Soft Tubing - 1 1/8 x 100' OD	EA	NB	NB	50% DISCOUNT *	NB	\$ 379.50 *
Ice Machine Items						
58. Inlet Valve Kit - Service Kit Water Inlet Valve	EA	NB	NB	45% DISCOUNT *	NB	NB
59. Pump - 115/230V 1/30 HP	EA	NB	NB	55% DISCOUNT *	NB	\$ 85.88 *
60. Dump Valve - 208-220V Dump Valve	EA	NB	NB	45% DISCOUNT *	NB	NB
61. Purge Valve	EA	NB	NB	45% DISCOUNT *	NB	\$ 86.51 *
62. Sanitizer - Ice Machine - IMS-II 1PT (16oz)	EA	NB	NB	55% DISCOUNT *	NB	\$ 10.52 *
63. Water Filter - Ice Machine - Single System, I-2000(2), 1.67 GPM	EA	NB	NB	45% DISCOUNT *	NB	\$ 216.00 *
64. Water Pump - Scotsman water pump	EA	NB	NB	45% DISCOUNT *	NB	\$ 457.11 *
65. Water Pump - Scotsman water pump	EA	NB	NB	45% DISCOUNT *	NB	\$ 249.73 *
66. Water Valve - Water inlet solenoid, valve	EA	NB	NB	45% DISCOUNT *	NB	\$ 47.45 *
HVAC Equipment Items						
67. Mini Split Condensor - 18,000 BTU 208/230V 18 SEER	EA	NB	\$ 735.00 *	55% DISCOUNT *	\$ 735.00 *	\$ 761.25 *
68. Mini Split Condensor - 12MBTU AC 14S R410A 115V	EA	NB	NB	NB	NB	\$ 501.27 *
69. Mini Split Evaporator - 12MBTU AC 14S R410A 115V	EA	NB	NB	NB	NB	\$ 191.97 *
70. Mini Split Wall Infloor Unit - 18 SEER 1.5 T 208/230/1 WALL	EA	NB	\$ 355.00 *	55% DISCOUNT *	\$ 355.00 *	\$ 367.50 *
Motors						
71. Motor (Refrigeration) - 16 WATT 115V CW-OSE 1550RPM 16W 4P	EA	NB	NB	55% DISCOUNT *	\$ 66.00 *	\$ 26.02 *
72. Motor (General Purpose) - 3HP 182T 230/460V 3PH ODP 4P	EA	NB	\$ 279.00 *	55% DISCOUNT *	\$ 398.00 *	\$ 382.53 *
73. Motor (General Purpose) - 5HP 1800RPM 184RT 230/460V 3PH	EA	NB	\$ 376.00 *	55% DISCOUNT *	\$ 419.00 *	\$ 449.97 *
74. Motor (General Purpose) - 7.5HP 1800RPM 213T 230/460V ODP 3PH 4P	EA	NB	\$ 544.00 *	55% DISCOUNT *	\$ 595.00 *	\$ 658.13 *
75. Motor (ECM) - ECM 38WATT 208/230/1 1550 RPM CCW-OSE 38W	EA	NB	NB	55% DISCOUNT *	\$ 119.00 *	\$ 133.72 *
76. Motor (General Purpose) - 3HP 1800RPM 230/460V 4P 3PH ODP 56HZ 145T MTR	EA	NB	NB	55% DISCOUNT *	\$ 329.00 *	\$ 406.56 *
Gases & Oils						
77. Nitrogen Gas Exchange - 60 Cu/Ft	EA	NB	NB	45% DISCOUNT *	NB	\$ 18.21 *
78. Acetylene Gas Exchange - 10 Cu/Ft	EA	NB	NB	45% DISCOUNT *	NB	\$ 20.18 *
79. Vacuum Pump Oil - 1 Qt	EA	NB	\$ 10.21 *	55% DISCOUNT *	NB	\$ 11.00 *
Additional Pumps						

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Description of Item	Qty					
80. Condensate Pump - 85 GPH 1115V 2QT Tank	EA	NB	NB	55% DISCOUNT *	NB	\$ 40.83 *
81. Condensate Pump - 105 GPH 115V	EA	NB	NB	55% DISCOUNT *	NB	\$ 45.25 *
Refrigerants & Accessories						
82. Refrigerant - R134A 125LB Cylinder	EA	\$ 436.25 *	NB	55% DISCOUNT *	NB	\$ 750.00 *
83. Refrigerant - R22 30 LB Cylinder	EA	\$ 339.50 *	\$ 275.00 *	55% DISCOUNT *	NB	\$ 475.61 *
84. Refrigerant - R22 125 LB Cylinder	EA	\$ 1,412.50 *	NB	55% DISCOUNT *	NB	\$ 1,981.71 *
85. Refrigerant - R-404A 24 LB Cylinder FX70/HP62	EA	\$ 98.40 *	NB	55% DISCOUNT *	NB	\$ 142.50 *
86. Refrigerant - R-410A 25 LB Cylinder	EA	\$ 84.90 *	\$ 61.00 *	55% DISCOUNT *	NB	\$ 98.44 *
87. Refrigerant - R-134A 30 LB Cylinder	EA	\$ 94.90 *	\$ 86.00 *	55% DISCOUNT *	NB	\$ 180.00 *
88. Charging Scale - 220 LB	EA	NB	NB	55% DISCOUNT *	NB	\$ 212.75 *
89. Drier Core - Charcoal, Wax removal, acid drier core, 4 3/4" shell, 48cu. In.	EA	NB	\$ 37.00 *	55% DISCOUNT *	NB	\$ 40.35 *
90. Drier Core - Filter element, suction line, 4 3/4" shell, 48 cu. In.	EA	NB	\$ 261.00 *	55% DISCOUNT *	NB	\$ 31.18 *
91. Drier - 1/4" OD, Standard	EA	NB	\$ 9.68 *	55% DISCOUNT *	NB	\$ 15.60 *
Miscellaneous Items						
92. Coil Cleaner - 1 Gal NU-Brite Condenser coil cleaner	EA	NB	\$ 39.00 *	55% DISCOUNT *	NB	\$ 22.29 *
93. Brazing Alloy Rods -.05x1/8", 15% silver, 1lb tube	EA	NB	\$ 168.00 *	55% DISCOUNT *	NB	\$ 75.77 *
94. Expansion Valve - RXV, w/R134A, 2x4ODF	EA	NB	NB	55% DISCOUNT *	NB	\$ 115.22 *
95. Expansion Valve - 1 TON R404A 110368	EA	NB	NB	55% DISCOUNT *	NB	\$ 102.26 *
96. Water Filter Cartridge - EC210, 20", 10 Micron	EA	NB	NB	NB	NB	\$ 7.60 *
97. Water Filter Cartridge - I-2000, 1/2 Micron	EA	NB	NB	NB	NB	\$ 69.00 *
98. Water Filter Cartridge - CG5-10S, 5 Micron, Scale	EA	NB	NB	NB	NB	\$ 19.55 *
99. Water Filter Cartridge - EC110, Pre-Filter, 10", 10 Micron	EA	NB	NB	NB	NB	\$ 3.85 *
*Recommend approval of purchase as approved vendor meeting all requirements of the specifications of the bid, to provide parts, equipment and supplies as necessary throughout the school year.				Opened By:	Purchasing Department	
				Witnessed by:	Purchasing Department	
				Date to Board:	June 4, 2019 &	
					August 6, 2019	