			Bullion Blandle at		e de els este este	A •
			McKinney ISD RFP2019-554 \$25 Flat Fee Per Delivery		Frigelar North America, Inc.  BuyBoard 657-21	
CATEGORY 1 - HVAC ELECTRICAL - CAPACITORS, CONTACTORS, TRANSFORMERS, ETC.			\$25 Flat Fee Total Price:	\$11,739.86	Delivery Fee Total Price:	s by weight \$17,165.42
Line Description	Otv	<u>UOM</u>				Extended
1 P291-0504 Run Capacitor Oval 370/440V Single 5MFD or Collin County approved equal		EA	\$4.40	\$4.40	\$6.30	
P291-3574RS Run Capacitor Round 370/440V Dual 35/7.5 MFD or Collin County approved equal	1	EA	\$11.99	\$11.99	\$9.13	\$9.13
3 61432 MARS 3 Pole Contactor 30 Amp 208-240 Volt with Screw Terminals or Collin County approved equal	_	EA	\$27.80	\$27.80	\$18.08	\$18.0
4 61745 MARS 2 Pole Contactor 30 Amp 24 Volt with Box Lug Termination or Collin County approved equal		EA	\$14.74	\$14.74		\$8.7
MARS 44504 4031F 120-208-240/24V 40VA Transformer or Collin County approved equal		EA	\$11.31	\$11.31	\$16.79	\$16.79
MARS 44511 5041C 120-208-240/480V 50VA Transformer or Collin County approved equal Percentage off catalog/list price for all items not named above in Category 1 - HVAC Electrical	1 1	EA	\$16.00 25.00%	\$16.00	\$65.25 50.00%	\$65.2
Thereentage on cataloghist price for all items not named above in category 1 - invac Electrical			Category Total:	\$86.24	Category Total:	\$124.33
CATEGORY 2 - COMPRESSORS			and gold and and	<del>*</del>		<del></del>
<u>Line</u> <u>Description</u>	Qty	<u>UOM</u>	Per UOM	<u>Extended</u>	<u>Per UOM</u>	<u>Extended</u>
CF12K6E-TF5-945 Emerson Aftermarket Hermetic Reciprocating Compressor, 200-230/3/60 or Collin County			44.056.40	44.056.40	44 400 00	44 400 0
<ul> <li>approved equal</li> <li>HRP060T2LP6 Danfoss Scroll Compressor, Single Phase, 280/230 VAC or Collin County approved equal</li> </ul>	_	EA EA	\$1,056.40 \$1,103.91	\$1,056.40 \$1,103.91	\$1,482.92 \$1,051.53	\$1,482.9 \$1,051.5
10 ZP20K6E-PFV-830 Copeland Scroll Compressor or Collin County approved equal		EA	\$1,103.91	\$1,103.91	\$1,051.55	\$1,051.5
11 Percentage off catalog/list price for all items not named above in Category 2 - Compressors		<b>L</b> / \	25.00%	φοσο.σο	50.00%	Ψ1,130.3
, and a second of the second o			Category Total:	\$3,010.91	Category Total:	\$3,692.8
CATEGORY 3 - HEAT EXCHANGERS AND HEATERS						
<u>Line</u> <u>Description</u>		<u>UOM</u>				<u>Extended</u>
12 48TJ660001 Carrier Heat Exchanger or Collin County approved equal	_	EA	\$1,096.47	\$1,096.47	\$1,158.36	
<ul> <li>48TJ660004 Carrier Heat Exchanger or Collin County approved equal</li> <li>MUH104 QMARK Electric Wall &amp; Ceiling Unit Heater or Collin County approved equal</li> </ul>		EA EA	\$1,306.11 \$934.77	\$1,306.11 \$934.77	\$1,122.32 \$1,175.26	\$1,122.3 \$1,175.2
14 MUH0521 QMARK Electric Wall & Ceiling Unit Heater or Collin County approved equal		EA	\$934.77 \$580.58	\$580.58	\$1,175.26	\$1,175.2
16 Percentage off catalog/list price for all items not named above in Category 3 - Heat Exchanger and Heaters			25.00%	٥د.٠٥٥	50.00%	<del>γ4</del> 50.2.
			Category Total:	\$3,917.93	Category Total:	\$3,946.19
CATEGORY 4 - HEAT V-BELTS AND PULLEYS						
Line Description		T				<u>Extended</u>
17 B94 Gates V-Belt or Collin County approved equal	_	EA	\$35.80	\$537.00	\$68.02	\$1,020.30
18 B80 Gates V-Belt or Collin County approved equal		EA	\$26.71	\$320.52	\$57.56	\$690.7
<ul> <li>A40 Gates V-Belt or Collin County approved equal</li> <li>1VL34X1/2 Browning Variable Pitch Sheave or Collin County approved equal</li> </ul>		EA EA	\$10.07 \$5.50	\$50.35 \$11.00	\$11.80 \$45.60	\$59.0 \$91.2
21 AK32X3/4 Browning Finished Bore Sheave or Collin County approved equal	_	EA	\$63.64	\$11.00	\$41.13	\$82.2
22 Percentage off catalog/list price for all items not named above in Category 4 - HVAC Electrical		ILV	25.00%	γ127.20	50.00%	702.21
2   Creentage on Catalogy list price for all fems not harmed above in category 4 TivAc Electrical			Category Total:	\$1,046.15	Category Total:	\$1,943.4
CATEGORY 5 - MOTORS						
<u>Line</u> <u>Description</u>		<u>UOM</u>				<u>Extended</u>
23 1172252 ICP Parts Condenser Motor 1/4 HP 1/230 Volt or Collin County approved equal		EA	\$222.82	\$222.82	\$279.59	· · · · · · · · · · · · · · · · · · ·
24 2135 US Motors 50 Watt HP 1550 RPM 230V or Collin County approved equal	_	EA	\$97.96	\$97.96	\$174.16	\$174.16
25 S1-02421672001 York 1HP 230V 1100 RPM 3 Speed Blower Motor or Collin County approved equal		EA EA	\$213.19	\$213.19	·	\$494.14
HD56FE652 Carrier 3-Phase Blower Motor, 208/230/460V or Collin County approved equal Percentage off catalog/list price for all items not named abovein Category 5 - Motors	1	EA	\$1,133.32 25.00%	\$1,133.32	\$1,243.77 50.00%	\$1,243.77
1 creentage on catalogy list price for all items not harned above in category 5. Motors			Category Total:	\$1.667.29	Category Total:	\$2,191.66
CATEGORY 6 - DUCTS AND VENTILATION				<del>+ -/</del>		7-,
Line Description	Qty	<u>UOM</u>	<u>Per UOM</u>	<u>Extended</u>	<u>Per UOM</u>	<u>Extended</u>
28 13602520 Atco 20 inch x 25 foot per Box R6 Flexible Air Duct or Collin County approved equal	1	BOX	\$177.53	\$177.53	\$180.16	\$180.16
29 90005707S JM Micro-Aire Ductboard 2 inch x 48 inch x 120 inch per Sheet or Collin County approved equal	3	SHEET	\$55.78	\$167.34	\$75.71	\$227.13
Percentage off catalog/list price for all items not named above in Category 6 - Ducts and Ventilation			25.00% Category Total:	\$244.97	50.00% Category Total:	\$407.29
CATEGORY 7 - HVAC/REFRIGERATION VALVES AND ACTUATORS			Category rotal.	Ş344.67	Category rotal.	\$407.23
Line Description	Qtv	UOM	Per UOM	Extended	Per UOM	Extended
31 ZONE315N-10+ZONE120NC-S Belimo Zone Valve, 1/2 inch, 3-way, Cv1 or Collin County approved equal		EA	\$202.01	\$202.01	\$231.93	\$231.93
					۶ <u>۲</u> ۵1.33	
GDE131.1P Siemens GDE Non-Spring Return 44 lb-in Electric Damper Actuator w/ Floating Input Signal or Collin					3231.93	
32 County approved equal	_	EA	\$86.68	\$86.68	\$80.43	
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal	1	EA	\$40.96	\$40.96	\$80.43 \$47.04	\$47.0 <sub>4</sub>
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal	1	EA EA	\$40.96 \$72.59	•	\$80.43 \$47.04 \$67.05	\$47.04
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal	1	EA EA	\$40.96 \$72.59 25.00%	\$40.96 \$72.59	\$80.43 \$47.04 \$67.05 50.00%	\$47.0 <sup>4</sup> \$67.0 <sup>5</sup>
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal	1	EA EA	\$40.96 \$72.59	\$40.96 \$72.59	\$80.43 \$47.04 \$67.05	\$47.04 \$67.0!
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actual	1 1 uators	EA EA	\$40.96 \$72.59 25.00% Category Total:	\$40.96 \$72.59 \$402.24	\$80.43 \$47.04 \$67.05 50.00% Category Total:	\$47.0 \$67.0
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actuant CATEGORY 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  181464G7S Liebert Temperature Sensor or Collin County approved equal	1 1 uators  Qty 1	EA EA UOM EA	\$40.96 \$72.59 25.00% Category Total:	\$40.96 \$72.59 \$402.24	\$80.43 \$47.04 \$67.05 50.00% Category Total:	\$47.0 \$67.0 \$426.4 <u>Extended</u>
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actuation  CATEGORY 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  181464G7S Liebert Temperature Sensor or Collin County approved equal  ST-U3 Kele Temperature Sensor or Collin County approved equal	1 1 uators	EA EA UOM EA	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07	\$80.43 \$47.04 \$67.05 50.00% Category Total: Per UOM \$463.73 \$46.01	\$47.0 \$67.0 \$426.4 <b>Extended</b> \$463.7 \$46.0
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actuation  CATEGORY 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  181464G7S Liebert Temperature Sensor or Collin County approved equal  ST-U3 Kele Temperature Sensor or Collin County approved equal  L482A1004 Honeywell Freeze Stat Refrigeration Controller 15 to 55 F or Collin County approved equal	1 1 uators	EA EA UOM EA	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90	\$40.96 \$72.59 \$402.24 Extended \$403.90	\$80.43 \$47.04 \$67.05 50.00% Category Total: Per UOM \$463.73	\$47.0 \$67.0 \$426.4 <b>Extended</b> \$463.7 \$46.0
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actuator  CATEGORY 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  181464G7S Liebert Temperature Sensor or Collin County approved equal  ST-U3 Kele Temperature Sensor or Collin County approved equal  L482A1004 Honeywell Freeze Stat Refrigeration Controller 15 to 55 F or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin	1 1 uators	EA EA UOM EA EA EA	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69	\$80.43 \$47.04 \$67.05 50.00% Category Total: Per UOM \$463.73 \$46.01 \$319.90	\$47.0 \$67.0 \$426.4 Extended \$463.7 \$46.0 \$319.9
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actuator  CATEGORY 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  181464G7S Liebert Temperature Sensor or Collin County approved equal  ST-U3 Kele Temperature Sensor or Collin County approved equal  L482A1004 Honeywell Freeze Stat Refrigeration Controller 15 to 55 F or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin  County approved equal	1 1 1 uators	EA EA UOM EA EA EA	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69	\$80.43 \$47.04 \$67.05 50.00% Category Total: Per UOM \$463.73 \$46.01 \$319.90	\$47.0 \$67.0 \$426.4 Extended \$463.7 \$46.0 \$319.9
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actuator  CATEGORY 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  181464G7S Liebert Temperature Sensor or Collin County approved equal  ST-U3 Kele Temperature Sensor or Collin County approved equal  L482A1004 Honeywell Freeze Stat Refrigeration Controller 15 to 55 F or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin	1 1 1 uators	EA EA UOM EA EA EA	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69	\$80.43 \$47.04 \$67.05 50.00% Category Total: Per UOM \$463.73 \$46.01 \$319.90	\$47.0 \$67.0 \$426.4 <b>Extended</b> \$463.7 \$46.0 \$319.9
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actuance  CATEGORY 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  181464G7S Liebert Temperature Sensor or Collin County approved equal  ST-U3 Kele Temperature Sensor or Collin County approved equal  L482A1004 Honeywell Freeze Stat Refrigeration Controller 15 to 55 F or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal	1 1 uators	EA EA UOM EA EA EA	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69	\$80.43 \$47.04 \$67.05 50.00% Category Total: Per UOM \$463.73 \$46.01 \$319.90	\$47.04 \$67.09 \$426.49 <b>Extended</b> \$463.73 \$46.00 \$319.90 \$112.96 \$136.30
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actuator  CATEGORY 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  SENSORS, CONTROLS, THERMOSTATS  Line Description  ST-U3 Kele Temperature Sensor or Collin County approved equal  L482A1004 Honeywell Freeze Stat Refrigeration Controller 15 to 55 F or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal  TH3110D1008 Honeywell Home Pro 3000 Non-Programmable Digital Thermostat or Collin County approved equal	1 1 uators	UOM EA EA EA EA	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 25.00%	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11	\$80.43 \$47.04 \$67.05 50.00% Category Total: Per UOM \$463.73 \$46.01 \$319.90 \$112.98 \$136.36 \$53.22 50.00%	\$47.0 \$67.0 \$426.4 Extended \$463.7 \$46.0 \$319.9 \$112.9 \$136.3 \$53.2
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actuator  CATEGORY 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  181464G7S Liebert Temperature Sensor or Collin County approved equal  ST-U3 Kele Temperature Sensor or Collin County approved equal  L482A1004 Honeywell Freeze Stat Refrigeration Controller 15 to 55 F or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal  TH3110D1008 Honeywell Home Pro 3000 Non-Programmable Digital Thermostat or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 8 - Sensors, Controls, Thermostats	1 1 uators	UOM EA EA EA EA	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69 \$118.34 \$125.00	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11	\$80.43 \$47.04 \$67.05 50.00% Category Total: Per UOM \$463.73 \$46.01 \$319.90 \$112.98 \$136.36	\$47.0 \$67.0 \$426.4 <b>Extended</b> \$463.7 \$46.0 \$319.9 \$112.9 \$136.3 \$53.2
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actual Category 8 - Sensors, Controls, THERMOSTATS  Line Description  181464G7S Liebert Temperature Sensor or Collin County approved equal  ST-U3 Kele Temperature Sensor or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal  TH3110D1008 Honeywell Home Pro 3000 Non-Programmable Digital Thermostat or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 8 - Sensors, Controls, Thermostats  CATEGORY 9 - REFRIGERANTS	1 1 1 1 1 1 1 1 1 1	EA EA EA EA EA EA	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 25.00% Category Total:	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11	\$80.43 \$47.04 \$67.05 50.00% Category Total: Per UOM \$463.73 \$46.01 \$319.90 \$112.98 \$136.36 \$53.22 50.00% Category Total:	\$47.04 \$67.09 \$426.49 <b>Extended</b> \$463.73 \$46.03 \$319.90 \$112.98 \$136.30 \$53.23
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actuator W/ 18 inch Leads or Collin County approved equal  Example 18 - SENSORS, CONTROLS, THERMOSTATS  Line Description  Solution 18 18 14 6 4 G75 Liebert Temperature Sensor or Collin County approved equal  ST-U3 Kele Temperature Sensor or Collin County approved equal  A19 A19 A2A-14 C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal  TH3110D1008 Honeywell Home Pro 3000 Non-Programmable Digital Thermostat or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 8 - Sensors, Controls, Thermostats  CATEGORY 9 - REFRIGERANTS  Line Description	1   1   1   1   1   1   1	EA EA EA EA EA EA UOM	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 25.00% Category Total:	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 \$1,054.11	\$80.43 \$47.04 \$67.05 50.00% Category Total: Per UOM \$463.73 \$46.01 \$319.90 \$112.98 \$136.36 \$53.22 50.00% Category Total:	\$47.04 \$67.09 \$426.49 \$426.49 \$463.73 \$463.73 \$46.00 \$319.90 \$112.90 \$136.30 \$53.23 \$1,132.20
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actuant Description  EATEGORY 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  ST-U3 Kele Temperature Sensor or Collin County approved equal  L482A1004 Honeywell Freeze Stat Refrigeration Controller 15 to 55 F or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal  TH3110D1008 Honeywell Home Pro 3000 Non-Programmable Digital Thermostat or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 8 - Sensors, Controls, Thermostats  CATEGORY 9 - REFRIGERANTS  Line Description  R404A Refrigerant, 24 lb Drum	1   1   1   1   1   1     1	EA EA EA EA EA DOM DRUM	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 25.00% Category Total: Per UOM \$487.20	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 \$1,054.11 Extended \$1,461.60	\$80.43 \$47.04 \$67.05 50.00% Category Total: Per UOM \$463.73 \$46.01 \$319.90 \$112.98 \$136.36 \$53.22 50.00% Category Total:	\$47.0 \$67.0 \$426.4 <b>Extended</b> \$463.7 \$46.0 \$319.9 \$112.9 \$136.3 \$53.2 \$1,132.2 <b>Extended</b> \$1,317.0
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actuator  CATEGORY 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  181464G7S Liebert Temperature Sensor or Collin County approved equal  ST-U3 Kele Temperature Sensor or Collin County approved equal  L482A1004 Honeywell Freeze Stat Refrigeration Controller 15 to 55 F or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal  TH3110D1008 Honeywell Home Pro 3000 Non-Programmable Digital Thermostat or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 8 - Sensors, Controls, Thermostats  CATEGORY 9 - REFRIGERANTS  Line Description  R404A Refrigerant, 24 lb Drum  R410A Refrigerant, 25 lb Drum	1   1   1   1   1   1     1	EA EA EA EA EA EA UOM	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 25.00% Category Total:	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 \$1,054.11	\$80.43 \$47.04 \$67.05 50.00% Category Total: Per UOM \$463.73 \$46.01 \$319.90 \$112.98 \$136.36 \$53.22 50.00% Category Total:	\$47.04 \$67.09 \$426.49 \$426.49 \$463.73 \$463.73 \$46.00 \$319.90 \$112.90 \$136.30 \$53.20 \$1,132.20 <b>Extended</b> \$1,317.00 \$1,227.00
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actual Category 8 - Sensors, Controls, Thermostats  Line Description  ST-U3 Kele Temperature Sensor or Collin County approved equal  L82A1004 Honeywell Freeze Stat Refrigeration Controller 15 to 55 F or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal  TH3110D1008 Honeywell Home Pro 3000 Non-Programmable Digital Thermostat or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 8 - Sensors, Controls, Thermostats  CATEGORY 9 - REFRIGERANTS  Line Description  R404A Refrigerant, 24 lb Drum  R410A Refrigerant, 25 lb Drum	1   1   1   1   1   1     1	EA EA EA EA EA DA EA DA DA DRUM DRUM	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 25.00% Category Total: Per UOM \$487.20 \$344.75	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 \$1,054.11 Extended \$1,461.60 \$1,034.25	\$80.43 \$47.04 \$67.05 50.00% Category Total: Per UOM \$463.73 \$46.01 \$319.90 \$112.98 \$136.36 \$53.22 50.00% Category Total: Per UOM \$439.00 \$409.00	\$47.0 \$67.0 \$426.4 Extended \$463.7 \$46.0 \$319.9 \$112.9 \$136.3 \$53.2 \$1,132.2 Extended \$1,317.0 \$1,227.0
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actuator W/ 18 inch Leads or Collin County approved equal  SENSORS, CONTROLS, THERMOSTATS  Line Description  Line Description  ST-U3 Kele Temperature Sensor or Collin County approved equal  L82A1004 Honeywell Freeze Stat Refrigeration Controller 15 to 55 F or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal  TH3110D1008 Honeywell Home Pro 3000 Non-Programmable Digital Thermostat or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 8 - Sensors, Controls, Thermostats  CATEGORY 9 - REFRIGERANTS  Line Description  R4004 Refrigerant, 24 lb Drum  R410A Refrigerant, 25 lb Drum  R410A Refrigerant, 25 lb Drum	1   1   1   1   1   1     1	EA EA EA EA EA DA EA DA DA DRUM DRUM	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 25.00% Category Total: Per UOM \$487.20 \$344.75 \$487.50	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 \$1,054.11 Extended \$1,461.60 \$1,034.25 \$487.50	\$80.43 \$47.04 \$67.05 50.00% Category Total: Per UOM \$463.73 \$46.01 \$319.90 \$112.98 \$136.36 \$53.22 50.00% Category Total: Per UOM \$439.00 \$409.00 \$429.00	\$47.0 \$67.0 \$426.4 Extended \$463.7 \$46.0 \$319.9 \$112.9 \$136.3 \$53.2 \$1,132.2 Extended \$1,317.0 \$1,227.0 \$429.0
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actual Category 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  181464G7S Liebert Temperature Sensor or Collin County approved equal  ST-U3 Kele Temperature Sensor or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal  TH3110D1008 Honeywell Home Pro 3000 Non-Programmable Digital Thermostat or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 8 - Sensors, Controls, Thermostats  CATEGORY 9 - REFRIGERANTS  Line Description  R4004 Refrigerant, 24 lb Drum  R410A Refrigerant, 25 lb Drum  R410A Refrigerant, 30 lb Drum  R410A RAGGRY 10 - MISCELLANEOUS SUPPLIES	1   1   1   1     1	EA EA EA EA EA DA EA DRUM DRUM DRUM DRUM	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 25.00% Category Total: Per UOM \$487.20 \$344.75 \$487.50 5.00%* Category Total:	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 \$1,054.11 Extended \$1,461.60 \$1,034.25 \$487.50 \$2,983.35	\$80.43 \$47.04 \$67.05 50.00% Category Total:  Per UOM \$463.73 \$46.01 \$319.90 \$112.98 \$136.36 \$53.22 50.00% Category Total:  Per UOM \$439.00 \$409.00 \$429.00 \$50.00% Category Total:	\$47.0 \$67.0 \$426.4 Extended \$463.7 \$46.0 \$319.9 \$112.9 \$136.3 \$53.2 \$1,132.2 Extended \$1,317.0 \$429.0
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actual County 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  181464G7S Liebert Temperature Sensor or Collin County approved equal  18142A1004 Honeywell Freeze Stat Refrigeration Controller 15 to 55 F or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin  County approved equal  UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 8 - Sensors, Controls, Thermostats  CATEGORY 9 - REFRIGERANTS  Line Description  R134 Refrigerant, 24 lb Drum  R410A Refrigerant, 25 lb Drum  R410A Refrigerant, 30 lb Drum  R5134 Refrigerant, 30 lb Drum  R6134 Refrigerant, 30 lb Drum  R6134 Refrigerant, 30 lb Drum  R6134 Refrigerant, 30 lb Drum  R6136 R613	1	EA EA EA EA EA EA DRUM DRUM DRUM DRUM DRUM	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 25.00% Category Total: Per UOM \$487.20 \$344.75 \$487.50 5.00%* Category Total:	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 \$1,054.11 Extended \$1,461.60 \$1,034.25 \$487.50 \$2,983.35	\$80.43 \$47.04 \$67.05 50.00% Category Total:  Per UOM \$463.73 \$46.01 \$319.90 \$112.98 \$136.36 \$53.22 50.00% Category Total:  Per UOM \$439.00 \$409.00 \$429.00 50.00% Category Total:	\$47.00 \$67.00 \$426.40 \$426.40 \$463.70 \$463.70 \$46.00 \$319.90 \$112.90 \$136.30 \$53.20 \$1,132.20 <b>Extended</b> \$1,317.00 \$429.00 \$2,973.00
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Activate CATEGORY 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  36  181464675 Liebert Temperature Sensor or Collin County approved equal  37  ST-U3 Kele Temperature Sensor or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal  TH3110D1008 Honeywell Home Pro 3000 Non-Programmable Digital Thermostat or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 8 - Sensors, Controls, Thermostats  CATEGORY 9 - REFRIGERANTS  Line Description  R410A Refrigerant, 24 lb Drum  R440A Refrigerant, 25 lb Drum  R45 R134 Refrigerant, 25 lb Drum  R46 Percentage off catalog/list price for all items not named above in Category 9 - Refrigerants  CATEGORY 10 - MISCELLANEOUS SUPPLIES  Line Description  R47 1087633 Polyken 337 3 inch x 50 yard Aluminum Foil Duct Tape or Collin County approved equal	1   1   1   1   1   1     1	EA EA EA EA EA EA EA EA UOM DRUM DRUM DRUM DRUM DRUM DRUM DRUM DRU	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 25.00% Category Total: Per UOM \$487.20 \$344.75 \$487.50 5.00%* Category Total:	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 \$1,054.11 Extended \$1,461.60 \$1,034.25 \$487.50 \$2,983.35 Extended \$90.25	\$80.43 \$47.04 \$67.05 50.00% Category Total:  Per UOM \$463.73 \$46.01 \$319.90 \$112.98 \$136.36 \$53.22 50.00% Category Total:  Per UOM \$439.00 \$409.00 \$429.00 50.00% Category Total:  Per UOM \$439.00 \$439.00 \$449.00 \$449.00 \$449.00 \$449.00 \$449.00 \$449.00 \$449.00 \$449.00 \$449.00 \$449.00 \$449.00	\$47.04 \$67.09 \$426.49 <b>Extended</b> \$463.73 \$46.03 \$319.90 \$112.98 \$136.30 \$53.23 \$1,132.20 <b>Extended</b> \$1,317.00 \$1,227.00 \$429.00 \$2,973.00 <b>Extended</b>
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Acti  CATEGORY 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  181464G7S Liebert Temperature Sensor or Collin County approved equal  37 ST-U3 Kele Temperature Sensor or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin  County approved equal  UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal  TH3110D1008 Honeywell Home Pro 3000 Non-Programmable Digital Thermostat or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 8 - Sensors, Controls, Thermostats  CATEGORY 9 - REFRIGERANTS  Line Description  R134 Refrigerant, 24 lb Drum  R40A Refrigerant, 25 lb Drum  R44 R40A Refrigerant, 25 lb Drum  R534 Refrigerant, 30 lb Drum  R64 Percentage off catalog/list price for all items not named above in Category 9 - Refrigerants  CATEGORY 10 - MISCELLANEOUS SUPPLIES  Line Description  R47 1087633 Polyken 337 3 inch x 50 yard Aluminum Foil Duct Tape or Collin County approved equal  R490-08 Nu-Calgon Nu-Brite Condensor Coil Cleaner, 1 Gallon Bottle or Collin County approved equal	1   1   1   1   1     1	EA E	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 25.00% Category Total: Per UOM \$487.20 \$344.75 \$487.50 5.00%* Category Total:	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 \$1,054.11 Extended \$1,461.60 \$1,034.25 \$487.50 \$2,983.35 Extended \$90.25 \$53.90	\$80.43 \$47.04 \$67.05 50.00% Category Total:  Per UOM \$463.73 \$46.01 \$319.90 \$112.98 \$136.36 \$53.22 50.00% Category Total:  Per UOM \$439.00 \$409.00 \$409.00 \$429.00 \$409.00 \$429.00 Category Total:  Per UOM \$439.00 \$429.00	\$463.73 \$463.73 \$46.02 \$319.90 \$112.98 \$136.36 \$53.22 \$1,132.20  Extended \$1,317.00 \$1,227.00 \$429.00  \$2,973.00  Extended \$57.42
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actual Category 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  1814646G7S Liebert Temperature Sensor or Collin County approved equal  37 ST-U3 Kele Temperature Sensor or Collin County approved equal  182421004 Honeywell Freeze Stat Refrigeration Controller 15 to 55 F or Collin County approved equal  1839 County approved equal  18404A-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  1840 UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal  1841 TH3110D1008 Honeywell Home Pro 3000 Non-Programmable Digital Thermostat or Collin County approved equal  285 Percentage off catalog/list price for all items not named above in Category 8 - Sensors, Controls, Thermostats  CATEGORY 9 - REFRIGERANTS  Line Description  286 R404A Refrigerant, 24 lb Drum  487 R404A Refrigerant, 25 lb Drum  488 R404A Refrigerant, 25 lb Drum  499 Percentage off catalog/list price for all items not named above in Category 9 - Refrigerants  CATEGORY 10 - MISCELLANEOUS SUPPLIES  Line Description  490 KH31G073 Carrier Filter Drier or Collin County approved equal	1   1   1   1   1   1     1	EA E	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 25.00% Category Total: Per UOM \$487.20 \$344.75 \$487.50 5.00%* Category Total:	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 \$1,054.11 Extended \$1,461.60 \$1,034.25 \$487.50 \$2,983.35 Extended \$90.25 \$53.90 \$25.14	\$80.43 \$47.04 \$67.05 50.00% Category Total:  Per UOM  \$463.73 \$46.01 \$319.90 \$112.98 \$136.36 \$53.22 50.00% Category Total:  Per UOM  \$439.00 \$409.00 \$409.00 \$429.00 50.00% Category Total:  Per UOM  \$43.42 \$28.71 \$11.76	\$47.0 \$67.0 \$426.4 Extended \$463.7 \$46.0 \$319.9 \$112.9 \$136.3 \$53.2 \$1,132.2 Extended \$1,317.0 \$1,227.0 \$429.0 \$2,973.0 Extended \$217.1 \$57.4 \$11.7
County approved equal  VT2223 Erie NPT 2-Way Zone Valve Body 3.5 Cv or Collin County approved equal  AG13A020 Erie 24V Normally Closed PopTop Actuator w/ 18 inch Leads or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 7 - HVAC/Refrigeration Valves and Actuator Category 8 - SENSORS, CONTROLS, THERMOSTATS  Line Description  18146467S Liebert Temperature Sensor or Collin County approved equal  37 ST-U3 Kele Temperature Sensor or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  A19ACA-14C Johnson Controls SPST Remote Bulb Temperature Control, -30-100 F w/ Manual Reset or Collin County approved equal  UHMT1 QMARK MUH Heater Single Pole Internal Thermostat or Collin County approved equal  Percentage off catalog/list price for all items not named above in Category 8 - Sensors, Controls, Thermostats  CATEGORY 9 - REFRIGERANTS  Line Description  A R104 Refrigerant, 24 lb Drum  A R4104 Refrigerant, 25 lb Drum  B R134 Refrigerant, 25 lb Drum  CATEGORY 10 - MISCELLANEOUS SUPPLIES  Line Description  W Description  W DR33 Polyken 337 3 inch x 50 yard Aluminum Foil Duct Tape or Collin County approved equal  W DR33 Polyken 337 3 inch x 50 yard Aluminum Foil Duct Tape or Collin County approved equal	1   1   1   1   1   1     1	EA E	\$40.96 \$72.59 25.00% Category Total: Per UOM \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 25.00% Category Total: Per UOM \$487.20 \$344.75 \$487.50 5.00%* Category Total:	\$40.96 \$72.59 \$402.24 Extended \$403.90 \$40.07 \$306.69 \$118.34 \$125.00 \$60.11 \$1,054.11 Extended \$1,461.60 \$1,034.25 \$487.50 \$2,983.35 Extended \$90.25 \$53.90	\$80.43 \$47.04 \$67.05 50.00% Category Total:  Per UOM \$463.73 \$46.01 \$319.90 \$112.98 \$136.36 \$53.22 50.00% Category Total:  Per UOM \$439.00 \$409.00 \$409.00 \$429.00 \$409.00 \$429.00 Category Total:  Per UOM \$439.00 \$429.00	\$47.0. \$67.0. \$426.4. <b>Extended</b> \$463.7. \$46.0 \$319.9 \$112.9 \$136.3 \$53.2  \$1,132.2 <b>Extended</b> \$1,317.0 \$429.0  \$2,973.0 <b>Extended</b> \$217.1

<sup>\*</sup> Discount is not per a cooperative contract