



STARK AREA REGIONAL TRANSIT AUTHORITY

1600 Gateway Blvd. SE • Canton, Ohio 44707

Voted #1 Transit in America by APTA!

Phone: (330) 47-SARTA (72782)

Fax: (330) 454-5476 • www.SARTAonline.com

2010 SERVICE BLANKET
PURCHASE AGREEMENT

ADDENDUM# 2

The purpose of this addendum is to provide clarity to the services required Heating & Cooling Inspection portion of this Request for Quotes. Please review these documents before submitting a quote.

ATTACHMENTS:

SARTA EQUIPMENT TO BE SERVED
ROOFTOP UNITS MAINTENANCE SCHEDULE
MAKE-UP AIR MAINTENANCE SCHEDULE
FURNACE MAINTENANCE SCHEDULE
CONDENSER MAINTENANCE SCHEDULE
FAN COIL UNITS MAINTENANCE SCHEDULE

SARTA EQUIPMENT TO BE SERVED

BUS GARAGE

UNIT	MANUFACTURER	MODEL/TYPE	AREA SERVED	LOCATION
2	CARRIER	Roof top unit	Main Building	Roof
5	ENGINEERED AIR	Makeup air units	Garage Areas	Roof
20	TITUS	Fan terminal units	Throughout Building	Ceilings
11	EMI	Ductless splits	Throughout Building	Ceilings
1	REZNOR	Unit heater	Garage	Garage
2	RADIANT	Heater	Throughout Building	Throughout Building
6	LARONICS	Radiant tube heater	Throughout Building	Throughout Building
11	COOK	Exhaust fans	Throughout Building	Roof

CORNERSTONE

UNIT	MANUFACTURER	MODEL/TYPE	AREA SERVED	LOCATION
1	YORK	Fan coil unit		Inside
1	YORK	Electric furnace		Inside
1	YORK	Conditioner unit		Outside
2	YORK	Fan coil unit		Inside
2	YORK	Electric furnace		Inside
2	YORK	Conditioner unit		Outside

MASSILLON

UNIT	MANUFACTURER	MODEL/TYPE	AREA SERVED	LOCATION
1	TRANE	Fan coil unit	Main Building	
1	TRANE	Heat Pump	Main Building	

ALLIANCE

UNIT	MANUFACTURER	MODEL/TYPE	AREA SERVED	LOCATION
2	CARRIER	Conditioning unit		Outside
1	CARRIER	Gas furnace		Inside

ROOFTOP UNITS MAINTENANCE SCHEDULE

1. Check for proper refrigerant charge.
2. Check for minor refrigerant leaks.
3. Check control operations.
4. Inspect main electrical components.
5. Inspect relays and contactors.
6. Check compressor operating oil level.
7. Check compressor unloading/capacity control mechanism(s).
8. Check for evidence of moisture in refrigerant circuit.
9. Check refrigerant sub cooling and superheat.
10. Check air temperature entering and leaving the evaporator coil.
11. Check crankcase heater operation.
12. Check compressor voltage and amperage.
13. Check electrical wiring for evidence of overheating.
14. Inspect condenser and evaporator coils for heat transfer loss.
15. Inspect blower wheels and fans to assure proper air delivery.
16. Inspect belts, bearing and sheaves and adjust as required, belts are extra.
17. Lubricate motors and bearings per manufacturer's recommendation.
18. Inspect exposed ductwork for leaks and proper insulation.
19. Inspect economizer operation, where applicable.
20. Inspect condensate drain.
21. Air filters will be replaced 4 time(s) per year. As part of the contract, filter costs are included.
22. Belts are replace and included one time per year.
23. Cycle all associated thermostat controls with the above-mentioned equipment.
24. Advise of any abnormal conditions or necessary repair.

MAKE-UP-AIR MAINTENANCE SCHEDULE

1. Check all unit manual valves and field piping valves.
2. Check tie-down bolts on blower vibration isolators.
3. Check drive alignment and belt tension.
4. Purge all the air from the gas lines. Check all connections for leaks and correct.
5. Inspect all electrical wiring, both field and factory for loose connections.
6. Turn unit disconnect switch on and check the supply voltage.
7. Check all fan motors for correct rotation.
9. Check the amperage draw of each motor.
10. Check dampers.
11. Check limit switches.
12. Check flame signal.
13. Check ignition.
14. Air filters will be replaced 4 time(s) per year. As part of the contract, filter costs are included.
15. Check gas pressure switches.

FURNACE MAINTENANCE SCHEDULE

1. Check for proper refrigerant charge.
2. Check for minor refrigerant leaks.
3. Check control operations.
4. Inspect main electrical components.
5. Inspect relays and contactors.
6. Check for evidence of moisture in refrigerant circuit.
7. Check refrigerant sub cooling and superheat.
8. Check air temperature entering and leaving the evaporator coil.
9. Check crankcase heater operation.
10. Check electrical wiring for evidence of overheating.
11. Inspect evaporator coils for heat transfer loss.
12. Inspect blower wheels and fans to assure proper air delivery.
13. Inspect belts, bearings and sheaves and adjust as required, belts are extra.
14. Lubricate motors and bearings per manufacturer's recommendation.
15. Inspect exposed ductwork for leaks and proper insulation.
16. Inspect condensate drain.
17. Air filters will be replaced 4 time(s) per year. As part of the contract, filter costs are included.
18. Cycle all associated thermostat controls with the above-mentioned equipment.
19. Advise of any abnormal conditions or necessary repairs.

CONDENSER MAINTENANCE SCHEDULE

1. Check for proper refrigerant charge.
2. Check control calibration and operation.
3. Inspect main electrical components.
4. Inspect compressor operating oil level.
5. Check compressor capacity control mechanisms.
6. Check for evidence of moisture in refrigerant circuit.
7. Check refrigerant sub cooling.
8. Check superheat.
9. Check compressor voltage and amperage.
10. Check fan motors and bearings and lubricate per manufacturer's recommendations.
11. Check electrical wiring for evidence of overheating.
12. Check crankcase heater operations.
13. Check air-cooled condensers in spring for summer operation and advise if cleaning is necessary.
14. Advise of any abnormal conditions or necessary repairs.

FAN COIL UNITS MAINTENANCE SCHEDULE

1. Evaporator coils will be inspected for heat transfer loss.
2. Blower wheels and fans will be inspected to assure proper air delivery.
3. Water coils will be checked for proper charge to assure system is leak free.
4. Exposed ductwork will be checked for leaks and proper insulation.
5. Belts and pulleys will be inspected as required.
6. Thermostats will be checked as required.
7. Motors and bearings will be lubricated as required.
8. Controls and safeties will be tested.
9. Condensate drain will be checked.
10. Crankcase heater will be checked for proper operation.
11. Relays and contactors will be inspected.
12. Unit wiring and electrical disconnect(s) will be inspected.
13. Economizer operation will be checked, where applicable.
14. Temperature and pressure drops will be checked.
15. Advise of any abnormal conditions or necessary repairs.