

Special Services and Provisions

Proposal Date	Proposal Number	Agreement No.
September 27, 2023	LCG6123	

This agreement includes:

1. An annual site inspection of each system and providing Lowndes County Government with an Inspection and Maintenance Report following each annual service.
2. All preventative maintenance service activities recommended by the key process equipment manufacturer. The price for the O&M Inspection/Service is outlined in Table 1.

The sites include:

- Government Building
- Jail & Sheriff's Office
- HR Building
- Wastewater Treatment Plant

The annual O&M Inspection/Services shall include:

- PV modules – visual inspection (i.e., cracks/damage)
- Wiring/cables – visual inspection (i.e., insulation)
- Inverter
 - Check appearance/cleanliness of the cabinet, ventilation system and all exposed surfaces.
 - Inspect, clean/replace air filter elements.
 - Check for corrosion on all terminals, cables and enclosures.
 - Check all fuses.
 - Perform a complete visual inspection of all internally mounted equipment including sub-assemblies, wiring harnesses, power supplies and all major components.
 - Check the condition of all the AC and DC surge suppressors.
 - Torque terminals and all fasteners in electrical power connections if required.
 - Check the operation of all safety devices (E-stop, door switches).
 - Record all operating voltages and current readings via the front display panel.
 - Record all inspections completed.
 - Inform Owner of all deficiencies identified.
- AC & DC Disconnects, fuses and safety elements.
- Inspect combiner boxes.
- Thermal imaging of all switch-cabinets with a thermal imaging camera and delivery of imaging results to Owner.
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- Assess roof surface area (roof mounted systems) for damage requiring repair.
- Inspection of PV modules for dirt/debris deposits that require cleaning.