

Customized Professional Maintenance Program II

Proposal Date	Proposal Number	Agreement
June 6, 2021	LCG6123	

Our Customized Professional Maintenance II (CPM-II) is designed to provide the Customer with an ongoing maintenance program. The CPM-II program will be initiated, scheduled, administered, monitored and updated by the Contractor. The service activities will be directed and scheduled, on a regular basis, by our comprehensive equipment maintenance scheduling system based on manufacturers' recommendations, equipment location, application, type, run time, and Contractor's own experience. The Customer is informed of the program's progress and results on a continuing basis via a detailed Service Report, presented after each service call for Customer's review, approval signature and record.

CONTRACTOR WILL PROVIDE THE FOLLOWING PROFESSIONAL MAINTENANCE SERVICES FOR THE BUILDING ENVIRONMENTAL MECHANICAL SYSTEM(S) COMPRISED OF THE EQUIPMENT LISTED ON SCHEDULE 1 (INVENTORY OF EQUIPMENT):

TEST AND INSPECT: Job labor, travel labor and travel and living expenses required to visually INSPECT and TEST equipment to determine its operating condition and efficiency. Typical activities include:

- TESTING for excessive vibration; refrigerant charge; fan RPM; refrigerant oil (acid); water condition; flue gas analysis; safety controls; combustion and draft; crankcase heaters; control system(s), etc.
- INSPECTING for worn, failed or doubtful parts; mountings; drive couplings; oil level; rotation; soot; flame composition and shape; pilot and igniter; steam, water, oil and/or refrigerant leaks, etc.

PREVENTIVE MAINTENANCE: Job labor, travel labor and travel and living expenses required to clean, align, calibrate, tighten, adjust and lubricate equipment. These activities are intended to extend equipment life and assure proper operating condition and efficiency. Typical activities include:

- CLEANING coil surfaces; fan impellers and blades; electrical contacts; burner orifices; passages and nozzles; pilot and igniter; cooling tower baffles, basin, sump and float; chiller, condenser and boiler tubes, etc.
- ALIGNING belt drives; drive couplings; air fins, etc.
- CALIBRATING safety controls; temperature and pressure controls, etc.
- TIGHTENING electrical connections; mounting bolts; pipe clamps; refrigerant piping fittings; damper sections, etc.
- ADJUSTING belt tension; refrigerant charge; super heat; fan RPM; water chemical feed and feed rate; burner fuel/air ratios; gas pressure; set point of controls and limits; compressor cylinder unloaders; damper close-off; sump floats, etc.
- LUBRICATING motors; fan and damper bearings; valve stems; damper linkages; fan vane linkages, etc.