

STATEMENT OF WORK

Relocate MCC11

Background

The Philadelphia VA Medical Center needs to relocate an existing Motor Control Center (MCC) from its existing location to the area near the south wall. This is needed to meet the minimum requirements of the National Electric Code (NEC) for safe working clearance.

Objectives

Remove MCC 11 from the 10th floor penthouse of building 1 and install a new MCC in the south area of the penthouse. This MCC is located in position that does not provide the clearances specified in the NEC.

Scope

The vendor will be required to provide manpower and material to install a new MCC, relocate existing circuits and controllers from the existing MCC. The vendor will remove all wiring, conduit and panels from old MCC. This work must be accomplished with minimum down time to existing equipment.

Task or Requirements

- Install a new motor control center in the back corner of the penthouse.
- Install new motor controllers for each existing controller in new MCC.
- Install junction boxes and new conduit from the existing location to the new panel.
- Install wire from the existing MCC to the new panel.
- Connect and test all newly installed equipment that is replacing the old.
- Demo the existing old system wiring and conduit that will be abandoned.
- Remove the old MCC from its location.

Other Criteria

All work will be performed during normal work hours, 7:30 am to 4:00 pm. The electrical shut down must be coordinated with the electric shop and be conducted off hours. Shutdown will be required to disconnect existing feed to MCC11 and to tie in the new MCC.

Place of Performance

All work will be performed at the VA Medical Center in Philadelphia.

There is no sensitive information, software, programs, computers, lap tops or cell phones being accessed during this installation.