



United States Postal Service Energy Improvement Upgrades

O'Hare International Airport
Chicago, Illinois



The Hill Group, in association with Primera Engineers Ltd., was selected as a preferred vendor for the United States Postal Service work involving energy efficiency improvements in a five-state region.

For this project at O'Hare, energy upgrades are to include the replacement of existing High-Intensity Discharge (HID) Lighting with T8 Lighting. Also included with the lighting upgrade is the replacement of existing T12 lamps located in office areas with T8 lamps and electronic ballast. Wall mounted occupancy sensors will be added for occupancy based lighting controls.

HVAC upgrades will include the additional of Variable Frequency Drives for existing air handler supply and return fans as well as replacement of the existing motors with high efficiency type. Heating only air handling units serving the dock area will be decommissioned and replaced with a new point of use infrared radiant heating system. Existing filter media will be replaced with high-capacity, MERV 8 pleated filters to improve air quality and decrease pressure drop across the filters. The current building management system will be optimized for better control of the air handling units, chilled water system, condenser water system and lighting.