PRO-GJ SUGGESTED ARCHITECT SPECIFICATIONS

Model:
The electrical operator will be a Nice Model PRO-GJ as manufactured by Nice Group Canada Inc. Related work – Door preparation, miscellaneous or structural metal work, field electrical wiring, wire, conduit, fuses, and disconnect switched are in the scope of work of other division trades.

Products:
Supply Nice Model Pro-GJ, medium-duty, worm gear jackshaft operator(s) available in ½ HP, 1 phase or 3 phase.

General:
Provide CSA listed, UL 325 2010 tested and approved electric door operator assembly complete with electric motor and factory pre-wired motor controls, external entrapment device monitoring built in to control circuit. A Nema-1, 3-button OPEN/CLOSE/STOP control station and Nice compatible monitored photocell shall be supplied as standard equipment. Conduit and wiring to motor and accessories required for proper operation by others.

Electric Motor:
Motor shall be 1/2 HP high starting torque, instant reversible 1050 RPM intermittent-duty, rated for up to 15 cycles per hour. Protected against overload by an internal automatic thermal overload device.

Control Circuit:
24V NEC Class 2 Circuit with a 40VA transformer and fused controls to protect against short circuit enclosed in a Nema-1 enclosure.

Frame and Reduction:
Speed reduction shall be worm gear 45:1 in oil-bath gear reducer. Door drive shall utilize #41 roller chain and sprockets. Operator shall be capable of driving the door at a speed of approximately 8 to 10 inches/sec.

Emergency Operation:
Equipped with a floor level emergency disconnect for manual operation.

Limit Switches:
Fully adjustable, rotary driven linear type limit switch mechanism shall synchronize the operator with the door. Low friction limit nuts fitted on threaded steel shaft, rotating on oilite self-lubricating bronze bushings. Motor shall be removable without affecting limit settings.

Execution:
Install the motor operator in accordance with Nice Group Canada Inc. instruction and standards and in compliance with applicable federal, state or local regulations.

Warranty:
Nice Group Canada Inc. warrants that its operators shall be free of any defects in materials and workmanship for a period of 2 years.