PRO-GHC SUGGESTED ARCHITECT SPECIFICATIONS

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

Products:
Supply Nice Model Pro-GHC, industrial duty, gearhead jackshaft operator(s) available in 1/2, 3/4, 1, 1.5 (1 or 3 phase) 2, 3 HP (3 phase).

General:
Provide CSA listed, UL 325 2010 tested and approved electric door operator assembly of size and capacity recommended by door manufacturer. External entrapment device monitoring built in to control circuit. Complete with electric motor and factor pre-wired controls, worm-gear reduction unit, solenoid operated brake. Conduit and wiring to motor and accessories required for proper operation by others.

Electric Motor:
1725 RPM continuous duty, instant reversible, industrial type, capacitor start (1-phase), external thermal overload protection device (3-phase) or an external reset overload device (1-phase).

Motor Starter, Controls, Enclosure:
Motor control circuit shall incorporate the SMART 10.0 control logic board or an across the line magnetic reversing starter electrically and mechanically interlocked, motor controls shall be in a Nema-1 enclosure. Controls and control enclosure shall conform to ANSI/NEMA ICS 1, ICS 2 and ICS6. A Nema-1 3 button control station OPEN/CLOSE/STOP and Nice compatible monitored photocells shall be provided as standard equipment.

Frame and Reduction:
Speed reduction will be worm gear 40:1 in oil-bath gear reducer. Door drive shall utilize #50 roller chain and sprockets (as standard). Operator shall be capable of driving the door at a speed of approximately 6 to 10 inches/sec.

Emergency Operation:
Equipped with a floor level emergency disconnect with electrical cut-out switch and universal chain hoist for manual operation.

Limit Switches:
Fully adjustable, rotary driven linear type limit switch mechanism shall synchronize the operator with the door. Low friction oil impregnated powder metal limit cams fitted on threaded steel shaft, rotating on oilite self-lubricating bronze bushings. The motor shall be removable without affecting the limit switch 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.