

Detailed Scope of Work

Garage door replacement – Lynn Lake Detachment
Lynn Lake, MB – DBU190

Objective:

Royal Canadian Mounted Police (RCMP) “D” Division is looking to life cycle the garage doors and secure bay doors in Lynn Lake, Manitoba, and bring the secure bay up to current RCMP security standards with the install of card access, and a riot alarm in the garage area that will annunciate in the office area for increased Officer safety

Background information:

Lynn Lake Detachment was constructed in 1977. At the time of design and construction, it was to have one secure garage bay for the safe transport of prisoners, and three additional garage bay for police vehicle and/or cold storage. Over time, the secure bay door became prone to sticking, and would occasionally fall without warning, creating significant officer and prisoner safety issues. Additionally, the current doors have viewing windows, which are prohibited by current RCMP Security standards. Please refer to Appendix A that provides the following details: layout, and approximate size of the Detachment as well as location of garage areas, and location for bollard for card access points. Each door is approx. 108”Wx 100” H. Appendix B shows photos of existing condition. Appendix C shows schematic of riot alarm system. Appendix D shows fit up standard of secure garage. Appendix E shows the schematic of the card access for the door.

Work involves:

- Review existing floor plans referenced in Appendix A provided by the RCMP.
- Develop and provide a work plan and project schedule
- All measurements to be confirmed by contractor. No claims shall be made against the RCMP for improperly measured work.
- Remove existing man door and frame in secure bay and replace with a metal exterior door and frame, with thermal break, prepped to accept a Mortise lockset. Supply and install Schlage L9466P 42 626 00N (with knobs) lockset. Hinges must be applied 1 ½ pair with non-removable pins on reverse hand door. Door must be fit up with Loxem 190 Door viewer 1.57 m above the floor level. Must be equipped with heavy duty door closer. Door must be installed at the level of the garage floor, if grade is different than exterior, and must have weather stripping and door sweep, and both door and frame are to be painted in a tan/beige colour.
- Supply and install four insulated overhead doors in an off-white or tan/beige colour (Thermacore Model 591 or equivalent) to replace existing. Doors to be 41mm thick, with no glazing, with a R-value of 14 or higher. Hinges to be heavy duty, minimum of four per section, bolted and spaced at a maximum of 762mm o.c. New doors to have 1.6mm galvanized exterior face, 1.0 mm galvanized interior face, 762mm o.c. vertical steel stiffeners, no interior fasteners; exterior fasteners to rivet to Stiles and Stiffeners. Track size to be 75mm galvanized steel, and track to be fastened to door frame by weld or bolts with steel brackets spaced at 450 mm o.c.
- Drill hole through track to receive padlock in garage door track (see Appendix D)
- Weather barrier – steel “T” bar across bottom of door to be installed on all four doors
- Mount client supplied control panel on a 3/4 “plywood backboard in the LAN room as close to the LAN equipment as possible, with a dedicated 15A 110VAC hardwired to the panel. (See Appendix E) Size of panel is approx. 24”x24” and 4” deep.
- Install bollard on left side of secure bay garage door for the purpose of mounting a card access. Height of bollard and card access should allow for card swipe from inside a truck. Wiring for card access to be

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Belden 5542FE or equivalent from location of card access to the security panel in the LAN room and surface mounted in conduit to the bollard, and trenched to the building.

- Install a card reader inside the secure bay on the left side (driver's side) with an open/close terminal connection to control the secure bay door operator- height of card reader should allow for card swipe from inside a truck. Install open/close/stop keyswitch as a redundancy. Wiring for card access to be Belden 5542FE or equivalent from location of card access to the security panel in the LAN room, surface mounted in conduit.
- Supply and Install an automatic trolley-style Liftmaster Garage Door operator with open/close terminals on the secure bay door only that is appropriately sized for the door specified. Run a single pair of 18AWG wire (stranded, or similar to LVT) from the door operator to the security panel in the LAN room. All wiring to be contained in surface mounted conduit.
- Supply and install Monitored Optical Edge system that integrates with the door operator and associated electrical. Optical edge to have battery powered transmitter to the Door operator to interrupt the closure of the door.
- All conduit passing through fire separation walls are to be firestopped.
- Riot alarm button to be roughed in at approx. 5' high in close proximity to cell block entrance. Exact location to be determined by Operations on site. Alarm button to be connected to existing riot alarm circuit in cell block to the security panel in LAN room (Refer to Appendix C)

Constraints:

This is an operational detachment, and continuous security is required. Work must be conducted and completed in a way that ensures perimeter security is maintained during off hours.

The Secure Bay is a critical part of Operational efficiency, and officer/prisoner safety. All efforts must be made to return this area to Operational readiness as soon as possible. Contractor tools may not be stored on site, unless arrangements are made with the Senior NCO of the detachment. The RCMP does not assume any liability for lost or stolen items left on site.

Security clearances will be required for those persons performing work, and/or supervising work at the detachment site. Security clearances can take approx. 14 business days for clearance to be provided on reception of completed paperwork. Clearance must be obtained before work can commence.

Any electrical work must be completed by a certified electrician, and must meet or exceed NBC standards.

Deliverables:

1. Schedule, including monthly forecast of costs.
2. Potential Change Notices and Change Orders (approval of RCMP Contract administrator required).
3. Provide O&M Manuals for new components.