

Preliminary Project Estimate				
Video and Door Lockdown				
115 State Street, Montpelier				
Description	Qty	Unit	Cost	Total
Video Cameras				
Fixed cameras with 30 days of storage at five frames per second (industry standard) for five doors: Infirmary/Loading Dock, Legislative Council, East, Central and West Doors.				
Reliance 4	1	Ea.	\$ 9,765.00	\$ 9,765.00
POE (power over Ethernet) switch	1	Ea.	\$ 2,500.00	\$ 2,500.00
UPS (Uninterruptible Power Supply)	1	Ea.	\$ 600.00	\$ 600.00
12u Rack (Located in sever room, but in a separate rack from other IT equipment)	1	Ea.	\$ 550.00	\$ 550.00
Cannon cameras	7	Ea.	\$ 600.00	\$ 4,200.00
Camera licenses	7	Ea.	\$ 735.00	\$ 5,145.00
Intel NUC Clients (Keyboard, mouse, monitor and computer)	2	Ea.	\$ 4,600.00	\$ 9,200.00
Electrical/conduits	1	Ea.	\$ 2,764.60	\$ 2,764.60
Plaster demolition and repair	1	Ea.	\$ 6,452.00	\$ 6,452.00
Finishes	1	Ea.	\$ 6,000.00	\$ 6,000.00
Subtotal Video				\$ 47,176.60
Door Lockdown				
Install magnetic locks on the East and West doors, cannot get conduit to the front door. Door release buttons are hardwired to two locations, the Sergeant At Arms and Capital Police. <u>Magnetic locks must connect to the fire alarm system.</u>				
Magnetic locks	4	Ea.	\$ 800.00	\$ 3,200.00
Crash bars	4	Ea.	\$ 3,000.00	\$ 12,000.00
Door release buttons	2	Ea.	\$ 200.00	\$ 400.00
Relay board	1	Ea.	\$ 200.00	\$ 200.00
Request to Exit device and button	4	Ea.	\$ 200.00	\$ 800.00
Electrical/conduits	1	Ea.	\$ 33,072.60	\$ 33,072.60
Plaster demolition and repair	1	Ea.	\$ 2,397.00	\$ 2,397.00
Finishes	1	Ea.	\$ 6,000.00	\$ 6,000.00
Subtotal Door Lockdown				\$ 58,069.60
Total Video and Door Lockdown				
General requirements	20%			\$ 21,049.24
Contingency	20%			\$ 25,259.09
Overhead and Profit	15%			\$ 22,733.18
Bond	4.5%			\$ 6,819.95
Clerk-of-the-Works	3	Mo	\$ 5,600.00	\$ 16,800.00
Engineering/Design	15%			\$ 3,788.86
Grand Total				\$ 201,696.52
To increase video storage from 30 days to 120 days add to the Grand Total				\$ 8,435.00

Assumptions:

- 1 The card access system, operated by BGS Security is used for the door lockdown.
- 2 The existing CAT 6 cable that was previously installed, can be used to reach the server and camera locations.
- 3 Conduit runs for video cameras begin in tunnels at coiled cable and extend to ceiling/camera location.
- 4 Selected camera locations have an accessible cable path.
- 5 Work is performed during normal work hours.
- 6 Magnetic locks will work on the East and West doors.
- 7 Both projects are constructed at the same time.