

New Fire Hall at CFB Trenton



Client:

Defence Construction Canada (DCC)

Location:

CFB Trenton, Trenton, Ontario

Start Date:

March 2012

Construction Completion Date:

November 2013

Construction Value:

\$12 million

Client Contact:

Available upon request

Key Personnel:

Bill Weekes CET RCDD CFOT

Bill Vanderlans RCDD

Harry Bi RCDD MSc

Monica Alcolea BCom

Kenji Tan

Prime Consultant:

Colbourne & Kembel Architects Inc.

Services Provided:

- Conceptual Design
- Design Development
- Construction Documents
- Construction Administration

Project Type: Design-Bid-Build

Project Role: IT/Comms & Electronic Security Consultant

Description: The existing facility has outlived its useful lifecycle as a Fire Hall required to provide emergency services for both military and civilian purposes. The new 3,176 square metre facility is a state-of-the-art Fire Hall equipped with 14 bays, offices, training rooms, firefighter sleeping areas and control room for managing all aspects of fire fighting on the base in particular the Airport operations.

Fancom provided detailed design and construction administration services for the voice, data, paging, multiple alarm systems, video surveillance, 911 integration and automatic IP-based gate access control infrastructure.

Systems Designed:

Division 25: Integrated Automation

Cabling for IP Based Building Automation Systems

Division 27: Communications

Cabling for Digital Voice Applications

Cabling for IP Data Applications

Cabling for Analog Paging

Equipment for Analog Paging

Equipment for 911 Interfacing

Division 28: Electronic Safety and Security

Electronic Surveillance Cabling

Electronic Surveillance Equipment