



Client:	Infrastructure Ontario (EllisDon Corporation)
Location:	Toronto, ON
Building Type:	Healthcare (Hospital)
Contract date:	2010 to 2013
Surface Area:	750,000 ft ²

The 21-storey building includes 17 floors of lab space, a learning concourse, administrative offices, lobby and retail space, 250-seat auditorium as well as three floors of below-grade parking. The objective was to provide world class accommodation for the most specialized research and learning needs. The total building area is 750,000 ft² and the mechanical services were delivered through a fast-track design assist fixed price subcontract.

Scope of Work

This construction project is located in the downtown core of one of the busiest cities in North America. Working on a tight urban site presents significant logistical challenges including site access, work restrictions and limited flexibility in coordination of trades.

As Sheet Metal Contractor, ENGIE's scope of work included the supply, installation, testing and commissioning of the following systems:

- HVAC and Plumbing;
- Specialized Exhaust Systems;
- HEPA Filtration;
- Containment Labs Pressure Control;
- Medical Gases;
- Thermal Insulation;
- Environmental & Pressure Controls;
- Total Systems Balancing.

Services provided

LEED® Gold certification achievement. ENGIE's role included the following:

- Specialized Exhaust Systems
- Supply of all sheet metal scope of work.
- Specialized fume hood exhausts
- BIM modeling of own work
- Duct cleaning and air balancing