

Part 1 General**1.1 RELATED REQUIREMENTS**

- .1 Not used.

1.2 REFERENCES

- .1 Not used.

1.3 ALTERATIONS, ADDITIONS OR REPAIRS TO EXISTING BUILDING

- .1 Execute work with least possible interference or disturbance to building operations occupants, public and normal use of premises. Arrange with Departmental Representative to facilitate execution of work.
- .2 Maintain in function existing public services and provide access to construction site for personnel and vehicles.
- .3 Protect works by temporary means until installation of permanent closures.

1.4 WORK CONSTRAINTS RELATED TO CONTINUED FIELD OPERATIONS

- .1 Works must be executed in phases in order to ensure continued operation at the Health Canada Offices and Laboratories.
- .2 Work must be spread out over 3 years that is 2018, 2019 and 2020 in order to spread equally over 3 fiscal years the total construction cost.
- .3 Refer to Scope of Work and Phasing Plans showing sequence of Works in compliance with operation requirements of Health Canada. However Contractor may submit for approval by Departmental Representative an alternative sequence of execution of equal or shorter duration, or resulting in a lower construction cost, in compliance with the following requirements:
 - .1 Work to be conducted in accordance with municipal regulations.
 - .2 Work to be conducted so as to ensure permanent sealing at end of each project phase or sub-phase. Details in plans show conditions at end of work on Phase 2. Contractor to perform sealing at junctions of curtain walls and masonry facing to provide a finished appearance at end of each phase and to facilitate seal fitting from one phase to another.
 - .3 No construction operation may have an impact on Health Canada operations.
 - .4 Maintain all traffic routes and vehicle accesses necessary for Health Canada operations at all times during each phase of work. These routes and accesses include but are not necessarily limited to:
 - .1 Parking entry and exit, as well as parking areas.
 - .2 Access to delivery ramp leading to basement of building.
 - .3 Access to main entrance and to parking spaces for delivery vehicles in front of this entrance.
 - .4 Access to liquid air tank and other mechanical/electrical equipment on building perimeter.
 - .5 Firefighter access areas on building perimeter.

WORK RESTRICTIONS

- .5 Keep outdoor pedestrian traffic routes safe at all times. These routes and accesses include but are not necessarily limited to:
 - .1 Access between parking areas and main entrance.
 - .2 Access between northeast entrance and temporary trailers.
 - .3 Access adjacent to delivery ramp.
- .6 Pedestrian traffic inside building to be maintained at all times between Block A and Annex (Block C).
- .7 Access ramp at northeast corner of building may be blocked for duration of work.
- .8 All indoor work to be conducted outside normal hours of operation.
- .9 A sufficient number of emergency exits to be maintained at all times during normal hours of operation. A minimum of two exits diagonally across from each other to be maintained at all times during normal hours of operation (northwest and southeast corners or northeast and southwest corners).
- .10 Laboratory equipment sensitive to vibrations is located along building's south façade. Demolition work and any construction work that may produce vibrations to be conducted on weekends, when this equipment is turned off, from 5 p.m. Friday until 8 a.m. Monday.
- .11 Curtain wall replacement work on north and south façades to be conducted outside hours of operation.
 - .1 Temporary protection to be installed to separate work areas from adjacent space.
 - .2 If work cannot be completed in a single shift, premises must be refit for use by Health Canada personnel at resumption of regular operations.
 - .3 Where necessary, temporary protection of work in progress necessary for ensuring safety of personnel must be properly installed, encroaching as little as possible on workspace.
- .12 Workstations and equipment immediately adjacent to curtain walls of east and west façades may be relocated temporarily, one façade at a time (maximum relocation capacity of 40 employees at a time). Relocations to be handled by Owner. Time needed for relocations to be confirmed on site.
- .13 Maintain access at all times to service closet at southeast corner of ground floor.
- .14 Number and duration of complete service interruptions to be kept to a minimum. Contractor must indicate any complete service interruption at least two weeks in advance.
- .15 Partial service interruptions to be scheduled outside normal hours of operation. Contractor must indicate any partial service interruptions at least 48 hours in advance.
- .16 Persons to be contacted for planning of service interruptions:
 - .1 Name of person to be contact will be confirmed on site.

1.5**WORK HOURS**

- .1 Set work schedule based on project implementation constraints, municipal regulations and the following.
- .2 Schedule for regular work:

- .1 Unless indicated otherwise, time slot for regular work on construction site is from 6 a.m. to 5 p.m., Monday to Friday.
- .3 Schedule for noisy work:
 - .1 Noisy work to be conducted outside hours of operation.
 - .2 Work requiring use of a percussion tool, sawing or drilling of a slab, etc., is considered to be noisy work.
- .4 Submit Worktime Schedule in compliance with 01 32 16.06 - Construction progress schedule – Critical path method (CPM).

1.6 SECURITY

- .1 Where security has been reduced by Work of Contract, provide temporary means to maintain security.
- .2 Security escort:
 - .1 Contractors and workers may not have free access to building interior.
 - .2 Workers assigned to indoor work to be accompanied by a superintendent when performing duties inside building, whether or not covered by work.
 - .3 Submit any request for an escort to Departmental Representative at least five working days in advance, following prescribed procedures. For requests submitted within prescribed limits, cost of escort will be paid by Departmental Representative. For late requests, cost will be charged to Contractor.
 - .4 Any escort request may be cancelled without fees upon given notice at least forty eight (48) hours prior to time period foreseen. If cancelling notification is received late, escort fees will be Contractor's responsibility.
 - .5 In the case of late notification of cancellation cost calculation will be calculated on standard hour rate of a security agent for a period of four (4) hours.

1.7 EXISTING UTILITY SERVICES

- .1 Before interrupting utility services, inform Departmental Representative as well as concerned utility service trades, and obtain necessary authorizations.
- .2 If carry out of chipping or connections on existing utility pipe network is needed, notify Departmental Representative 48 hours prior to planned interruption of corresponding electrical or mechanical services. Keep interruptions the shortest possible. Carry out Work interfering as little as possible with maintenance of normal activities inside the time schedule established by relevant local authorities.
- .3 Before starting of Work, establish scope and location of utility pipe network in Work area and duly inform Departmental Representative.
- .4 Submit for approval to Departmental Representative a schedule related to disruptions or closeouts of active facilities or works, including service interruption of data or electrical power. Observe approved time schedule and inform all parties affected by these inconveniences.
- .5 Provide temporary utility services as directed by Departmental Representative in order to maintain active the critical systems of building and tenants.
- .6 Ensure traffic access to personnel and public; where needed establish alternate routes for personnel and public.

- .7 Install site walkway for crossing of trenches, in order to maintain normal pedestrian and vehicle traffic.
- .8 Upon discovery of undocumented utility pipes, notify immediately Departmental Representative and keep written record.
- .9 Protect, move or maintain in service active utility pipes. Upon discovery of inoperative utility pipes, seal them in a manner authorized by relevant local authorities.
- .10 Keep localisation record of maintained, moved, or abandoned utility pipping.
- .11 Install fences in compliance with Section 01 56 00 - Temporary Barriers and Enclosures.

1.8 BUILDING SMOKING ENVIRONMENT

- .1 Comply with smoking restrictions. Smoking is not permitted.

Part 2 Products

2.1 NOT USED

- .1 Not Used.

Part 3 Execution

3.1 NOT USED

- .1 Not Used.

END OF SECTION