

**PART 1 - GENERAL**

1.1 RELATED SECTIONS

- .1 Section 011500 - Temporary Utilities
- .2 Section 013300 - Submittal Procedures
- .3 Section 015200 - Construction Facilities
- .4 Section 015600 - Temporary Barriers and Enclosures

1.2 REFERENCES

- .1 Canada Labour Code, part II, Canada Occupational Health and Safety Regulations
- .2 Health Canada/ Workplace Hazardous Materials Information System (WHMIS)
  - .1 Material Safety Data Sheets (WHMIS)
- .3 Province of Ontario
  - .1 Occupational Health and Safety Act and Regulations for Construction Projects, R.S.O. 1990, c. 0.1, as amended and O. Reg. 213/91, as amended.
  - .2 Workplace Safety and Insurance Act, 1997.
  - .4 Arborist Industry Safe Work Practices.

1.3 COMPLIANCE REQUIREMENTS

- .1 Comply with Ontario Health and Safety Act, R.S.O. 2010.
- .2 Comply with Occupational Health and Safety Regulations, 1996.
- .3 Comply with Occupational Health and Safety Act, General Safety Regulations, O.I.C.

1.4 SUBMITTALS

- .1 Submit documents and samples required in compliance with section 013300 – Submittal Procedures.
- .2 Submit site-specific Health and Safety Plan: Within 7 days after date of Notice to Proceed and prior to commencement of Work. Health and Safety Plan must include:
  - .1 Description of project (a brief overview of the project).
  - .2 Hazard Assessment (HA) which includes measures to be taken to address the anticipated hazards related to the project site.

- .3 Results of safety and health risk or hazard analysis for site tasks and operation found in work plan.
  - .4 Fall arrest measures to be used for workers near the escarpment, including, but not limited to, all anchors, attachment points, number of lines, ropes, and number of workers per tie-off point.
  - .5 Procedures to be followed for working with molten lead.
  - .6 Contractor/sub-contractor safety communication measures including emergency communication numbers for Parliament Hill.
  - .7 Emergency response measures describing procedures to be followed during emergency situations including evacuating personnel from the site. Include emergency phone numbers.
  - .8 Emergency plan to ensure the isolation of occupants of nearby locations from the release of any emissions anticipated to be generated from the project activities.
  - .9 Construction indoor air quality management plan including product data for temporary filtration media.
  - .10 Contractor's Health and Safety Policy.
  - .11 Name of Health and Safety Coordinator.
  - .12 All certificates for individuals working on the project including, but not limited to: vehicle operators, fall protection, WHMIS and First Aid training.
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- .3 The Departmental Representative will review the Site-Specific Health and Safety Plan and provide comments to the contractor no more than five (5) days after receipt of the plan.
  - .4 Revise and resubmit plan in a timely manner until mutual agreement is reached. Work cannot commence until mutual agreement is reached. This review of the Health and Safety plan should not be construed as approval and does not reduce the contractor's overall responsibility for construction health and safety.
  - .5 Submit records of contractor health and safety meetings when requested.
  - .6 Submit two (2) copies of contractor's authorized representative's work site health and safety inspection reports upon request.
  - .7 Submit copies of reports or directives issued by municipal and provincial safety inspectors.
  - .8 Submit copies of incident and accident reports within twenty-four (24) hours of the incident or accident taking place.
  - .9 Submit WHMIS Material Safety Data Sheets (MSDS) for products to be used on site, including herbicides and fertilizers.

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|                                 | .10 | Submit signed copies for all employees and sub-contractors Competency and Safety Acknowledgement forms.   |
|                                 | .11 | Where prescribed by legislation, regulation or safety program, submit certification of medical surveillance for site personnel prior to commencement of Work, and submit additional certification for any new site personnel.                       |
|                                 | .12 | On-site Contingency and Emergency Response Plan: address standard operating procedures to be implemented during emergency situations.   |
|                                 | .1  | Emergency access for workers injured on the job.  |
| 1.5 <u>FILING OF NOTICE</u>     |     |   |
|                                 | .1  | File Notice of Project with Provincial authorities prior to beginning of Work.  |
|                                 | .2  | Provide copy of filing and acknowledgement from Provincial authority to Departmental Representative.  |
| 1.6 <u>SAFETY ASSESSMENT</u>    | .1  | Perform site specific safety hazard assessment related to project.  |
| 1.7 <u>MEETINGS</u>             | .1  | Schedule and administer Health and Safety meeting with Departmental Representative prior to commencement of Work.   |
| 1.8 <u>PROJECT/ SITE</u>        | .1  | Work at site will involve:  |
|                                 | .1  | Use of machinery, vibration and noise   |
|                                 | .2  | Sawing pavers and wood  |
|                                 | .3  | Use of herbicides and fertilizers   |
|                                 | .4  | Use of paint, asphalt, and concrete   |
|                                 | .5  | Use of cleaning products and concrete glue  |
|                                 | .6  | Operating a vehicle on pathways shared with public  |
|                                 | .7  | Insects, vermin, bird droppings   |
| 1.9 <u>GENERAL REQUIREMENTS</u> | .1  | For the purpose of the Occupational Health and Safety Act, the Contractor will be designated as the Constructor and assumes the responsibilities of the Constructor as set out in the Act and its regulations.                                      |
|                                 | .2  | Be responsible for health and safety of persons on site, safety of property on site and for protection of persons adjacent to the site and the environment to the extent that they may be affected by the work.                                     |
|                                 | .3  | Comply with and enforce compliance by employees with safety requirements of Contract documents, applicable federal, provincial, territorial and local statutes, regulations, and ordinances, and with Site-Specific Health and Safety Plan (SSHSP). |

- .4 Develop SSHSP based on a hazard assessment prior to commencing any site work and continue to implement, maintain, update and enforce the plan until final demobilization from site. Plan must address project specifications.
- .5 Departmental Representative may respond in writing, where deficiencies or concerns are noted and may request re-submission with correction of deficiencies or concerns.
- .6 Do not use materials that are toxic in the installed condition. Do not use volatile organic compounds (VOCs) where not permitted by law. Where the use of volatile organic compounds is permitted, provide adequate ventilation and take necessary precautions.

1.10 RESPONSIBILITY

- .1 Be responsible for health and safety of persons on site, safety of property on site and for protection of persons adjacent to site and environment to extent that they may be affected by conduct of Work.
- .2 Comply with and enforce compliance by employees with safety requirements of Contract Documents, applicable federal, provincial, territorial and local statutes, regulations, and ordinances, and with site-specific Health and Safety Plan.
- .3 Assume the role of "Constructor" as described in the Ontario Occupational Health and Safety Act and Regulations for Construction Projects.

1.11 UNFORESEEN HAZARDS

- .1 Should any unforeseen or peculiar safety-related factor, hazard, or condition become evident during performance of Work, and follow procedures in place for Employee's Right to Refuse Work in accordance with Acts and Regulations of Province having jurisdiction. Advise Departmental Representative verbally and in writing.

1.12 HEALTH AND SAFETY COORDINATOR

- .1 Hire a competent person acting as authorized coordinator of health and safety. The Contractor site supervisor, or another approved employee, may assume the responsibilities of the Health and Safety Coordinator. Health and safety coordinator must:
  - .1 Have site-related working experience specific to activities associated with hazardous materials as identified.
  - .2 Have site-related working experience specific to activities associated with submission documents.
  - .3 Have working knowledge of occupational health and safety regulations.
  - .4 Be responsible for completing Contractor's health and safety training sessions and ensuring that personnel not

successfully completing required training are not permitted to enter site.

- .5 Be responsible for implementing, enforcing daily and monitoring Contractor Health and Safety Plan.
- .6 Be on site during execution of Work and report directly to and be under direction of the site supervisor.

#### 1.13 POSTING OF DOCUMENTS

- .1 Ensure applicable items, articles, notices and orders are posted in conspicuous locations on site in accordance with Acts and Regulations of Province having jurisdiction, and in consultation with Departmental Representative.
- .2 Documents required for posting include:
  - .1 Contractor company name.
  - .2 Name, trade and employer of Health and Safety Coordinator.
  - .3 Contractor's Health and Safety Policy.
  - .4 Up-to-date Site-Specific Health and Safety Plan, including emergency response measures.
  - .5 Notice of Project.
  - .6 Ministry of Labour Orders and reports.
  - .7 Occupational Health and Safety Act and Regulations for Construction Projects for Province of Ontario.
  - .8 Material Safety Data Sheets.
  - .9 Copy of valid certificates for first-aid personnel on duty.
  - .10 WSIB "In Case of Injury" poster.
  - .11 Location of toilet and clean-up facilities.
  - .12 Any special handling or procedures specific to the site.
  - .13 Emergency contact numbers for Parliament Hill.
- .3 Comply with provincial general posting requirements.

#### 1.14 CORRECTION OF NON-COMPLIANCE

- .1 Immediately address health and safety non-compliance issues identified by authority having jurisdiction or by Departmental Representative.
- .2 Provide Departmental Representative with written report of action taken to correct non-compliance of health and safety issues identified.
- .3 Departmental Representative may stop Work if non-compliance of health and safety regulations is not corrected.

1.15 WORK STOPPAGE

- .1 Give precedence to safety and health of public and site personnel and protection of environment over cost and schedule considerations for Work.
- .2 Assign responsibility and obligation to Health and Safety Coordinator to stop or start work when, at Health and Safety Coordinator's discretion, it is necessary or advisable for reasons of health or safety.

1.16 FIRE SAFETY REQUIREMENTS

- .1 Comply with the local applicable codes for fire safety in construction, fire prevention, fire fighting and life safety.
- .2 Smoking is not permitted on site.
- .3 Comply with the National Building Code of Canada 2010 (NBC) for fire safety in construction and the National Fire Code of Canada 2010 (NFC) for fire prevention, fire fighting and life safety in building in use.
- .4 Welding and cutting:
  - .1 Before welding, grinding and/or cutting work, obtain a permit from the PWGSC Fire Prevention Specialist.
  - .2 Store flammable liquids in approved CSA containers inspected by the Fire Prevention unit and note storage location on Site Plan. No open flame shall be used unless authorized by the Fire Prevention Unit.
- .3 At least five (5) working days prior to commencing cutting or welding, provide a completed welding permit as defined in FC 302 to the Departmental Representative.
- .4 A fire watcher as described in FC 302 shall be assigned when welding or cutting operations are carried out in areas where combustible materials within ten (10) metres may be ignited by conduction or radiation.

1.17 HAZARDOUS MATERIALS

- .1 Comply with the requirements of the Workplace Hazardous Materials Information System (WHMIS) regarding use, handling, storage, and disposal of hazardous materials; and regarding labelling and the provision of Material Safety Data Sheets (MSDS).
- .2 Comply with Ontario Ministry of the Environment legislation and regulations regarding disposal of hazardous materials.
- .3 See also Designated Substances Report in Section 011425.

**PART 2 – PRODUCTS**

NOT USED

**PART 3 – EXECUTION**

NOT USED

**\*\*\* END OF SECTION \*\*\***