

PARKS CANADA AGENCY - HALIFAX DEFENCE COMPLEX
Electrical Standing Offer
SAFETY

1. References

- .1 CSA S269.1-(Latest), Falsework For Construction Purposes.
- .2 CSA S269.2-(Latest), Access Scaffolding for Construction Purposes.
- .3 FCC No. 301-(Latest) Standard for Construction Operations.
- .4 FCC No. 302-(Latest) Standard for Welding and Cutting.

2. Responsibility

- .1 Be responsible for safety of persons and property on work site and for protection of Parks employees and general public circulating adjacent to work operations and to the 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, and local statutes, regulations, and ordinances, and with site-specific Health and Safety Plan.

3. General Protection

- .1 Carry out work placing maximum emphasis on safety, giving precedence to health and safety of public, Parks employees, site personnel and protection of the environment over cost and schedule considerations of work.
- .2 Provide temporary protection for safe handling of building occupants.
- .3 Provide safety barricades and lights around work site as required to provide a safe working environment for workers and protection for pedestrian and vehicular traffic.
- .4 Be vigilant and ensure that non-authorized persons are not allowed to circulate in designated construction areas of work site. Provide appropriate means by use of barricades, fences, warning signs and temporary lighting as required. Secure site at night time (or provide security guard) as deemed necessary to protect site against entry.

4. Regulatory Requirements

- .1 Comply with the Occupational Health and Safety Act for the Province of Nova Scotia and the Industrial Safety Regulations made pursuant to the Act.
- .2 Comply with Canada Labour Code Part II, and Canada Occupational Safety and Health Regulations.
- .3 Observe and enforce construction safety measures required by:

- .1 1995 National Building Code of Canada, Part 8;
 - .2 Provincial Workers Compensation Board;
 - .3 Municipal statutes and ordinances.
- .4 In event of conflict between any provisions of above authorities the most stringent provision will apply. Should a dispute arise in determining the most stringent requirement, the Agency will advise on the course of action to be followed.
- .5 A copy of the Canada Labour Code Part II may be obtained by contacting:
 Canadian Government Publishing
 Public Works & Government Services Canada
 Ottawa, Ontario K1A 0S9
 Tel: (819) 956-4800
 (Publication No. L31-85/2000 E or F)

5. Filing of Notice

- .1 File all Notices with Provincial authorities prior to commencement of Work.

6. Work Permit

- .1 Obtain building permit related to project prior to commencement of Work.

7. Safety Assessment

- .1 Perform site specific safety hazard assessment related to project as specified in Health and Safety Plan.

8. Meetings

- .1 Attend health and safety pre-construction meeting as directed by the Project Manager.

9. Health and Safety Plan

- .1 Develop written site-specific Project Health and Safety Plan prior to commencement of Work. Submit plan to the Project Manager within 14 calendar days after award of Contract.
- .2 To prepare Health and Safety Plan, conduct a site specific hazard assessment based on review of all work of Contract Documents and of work site. Identify all known and potential health risks and safety hazards.
- .3 Based on hazard assessment, prepare Project Health and Safety Plan to include the following:
 - .1 Summary of health risks and safety hazards resulting from analysis of hazard assessment
 - .2 List critical site tasks and operations which must be performed as part of the Work.
 - .3 List hazardous materials to be brought on site as required by Work.
 - .4 Indicate engineering and control measures to be implemented at the site for managing identified risks and hazards.

- .5 Identify personal protective equipment to be used by workers as required to manage hazards that cannot be reasonably or practically managed by engineering and administrative controls.
- .6 State company=s Safety Policy. Provide confirmation that General Contractor and subcontractors currently have in place Standard Operating Procedures (SOP) and Safe Work Practises (SWP), representative of the work type to be undertaken and meeting provincial safety regulations; that such procedures and practises will be stringently followed and enforced during work of this contract. Maintain a copy of all SOP and SWP on site at all times for own use and provide for inspection when requested by Project Manager.
- .7 List standard operating procedures and measures to be taken in emergency situations. Include an evacuation plan and emergency contacts (ie. names/telephone numbers) of:
 - .1 Designated Personnel from own company;
 - .2 Local emergency resources;
 - .3 Regulatory Agencies applicable to work and as per legislated regulations.
- .4 All control measures, protective devices, work practises and procedures indicated in plan shall comply with applicable Federal, and Provincial Safety Regulations.
- .5 Develop plan in collaboration with all sub-contractors. Ensure that all work and activities of sub-contractors are included in the hazard assessment and are reflected in the Plan.
- .6 Implement, maintain and enforce compliance with requirements of the Health and Safety Plan until final completion of work and demobilization from site.
- .7 As the project progresses, continually review and evaluate work and construction site. Carry out additional hazard assessments, identifying new or potential health risks and safety hazards not previously known. Immediately revise and update Project Health and Safety Plan. Notwithstanding the above, a hazard assessment shall be carried out and the Health and Safety Plan revised whenever:
 - .1 New subtrade work, new subcontractor(s) or new workers arrive at the site to commence another portion of the work.
 - .2 The scope of work has been changed by Change Order
 - .3 Errors or Omissions are identified by any authorized safety representative.
- .8 Post a legibly typed copy of the Health and Safety Plan in a common visible area at the work site. Ensure that all workers

and other authorized persons allowed access to the construction area(s) are aware of and abide by the rules and regulations indicated in the Plan.

- .9 Post all versions to the Plan and submit an updated copy to the Agency in all instances.
- .10 Maintain copies of all hazard assessments on site for the entire duration of work. Make available upon request.
- .11 Submission of the Health and Safety Plan, and any revised version, to the Agency is for information and reference purposes only. It shall not be construed to imply approval, be interpreted as a warranty of being complete, accurate and legislative compliant and shall not relieve Contractor of his legal obligations for the provision Health and Safety on the construction project.

10. Hazardous Products

- .1 Comply with requirements of Workplace Hazardous Materials Information System (WHMIS) regarding use, handling, storage, and disposal of hazardous materials; and regarding labelling and provision of material safety data sheets acceptable to Labour Canada and Health and Welfare Canada.
- .2 Deliver copies of WHMIS - MSDS data sheets to the Project Manager on delivery of materials.
- .3 All Data Sheets must be posted on site, in a common area, visible to all workers (and in locations accessible to tenants employees when work of this contract includes construction activities adjacent to occupied areas).
- .4 Make all efforts to select and use materials (ie. adhesives, solvents, cleaners, etc.) for the type and nature of work to be carried out which are the least hazardous products available, of low VOC content or low toxicity type products and emitting low noxious odours. Select products known to be friendly to the environment and to human health. Communicate this intent to sub-contractors, suppliers and manufacturers.
- .5 Where the use of hazardous and toxic products cannot be avoided:
 - .1 Advise the Agency beforehand of the product(s) intended for use, submit WHMIS data sheets as per clause 10.2 above.

11. Fire Safety Requirements

- .1 Comply with Federal and Provincial fire safety regulations, including the requirements of the following standards as issued by the Fire Protective Services of Human Resources Development Canada:
 - .1 FCC 301 - Standard for Construction Operations.

.2 FCC 302 - Standard for Welding and Cutting.

.3 These standards may be viewed at the Regional Fire Protective Services= office (previously known as the Fire Commissioner of Canada) located at 99 Wyse Road, 8th floor, Dartmouth, NS; Tel: (902) 426-6053.

12. Powder Actuated Devices

.1 Use of powder actuated fastening devices only after receipt of written permission from the Agency.

13. Overloading

.1 Ensure no part of work is subjected to a load which will endanger its safety or will cause permanent deformation.

14. Falsework

.1 Design and construct falsework in accordance with CSA S269.1.

15. Scaffolding

.1 Design, construct and maintain scaffolding in rigid, secure and safe manner in accordance with CAN/CSA - S269.2.

.2 Erect scaffolding independent of walls. Remove promptly when no longer required.

16. Respiratory Protection

.1 All personnel employed in an area of bird droppings, fumes, noxious gases, or dust, etc. or where there is a suspected oxygen deficiency are required to wear appropriate respiratory protection. The type of respiratory protection shall depend on the type and level of exposure.

.2 Wet down bird droppings thoroughly with 3% formaldehyde solution in water before removal. Wet sufficiently to prevent airborne particles during removal.

.3 Persons working in contaminated areas should wear masks capable of filtering out organisms. They also should wear protective clothing that can be removed at the site and placed in a plastic bag until washed in hot water and detergent. Boots should be hosed off before leaving the site to prevent the possible spread of histoplasma capsulation.

.4 All work shall be carried out in accordance with applicable acts, regulations and guidelines. The Contractor shall liaise with authorities having jurisdiction and obtain all required permits

related to handling and disposing of pigeon droppings.

17. Confined Spaces

with the Canada Labour Code, Part II, Section 11.

.1 All work in confined spaces shall be carried out in compliance

.2 Contractor shall provide and maintain all equipment as required by any person to enter and/or perform work in a safe manner,

in compliance with the Canada Occupational Safety and Health Regulations, Part XI. At the Engineer's request, the Contractor agrees to provide to PWGSC employees or its consultants, all necessary equipment as defined under Clause 7.2 above, to enter the confined space and the Contractor acknowledges that he/she is responsible for the safety and efficiency of this equipment.

- .3 Contractor shall provide and maintain training, as required by the Canada Labour Code, Part II, Section 11.
- .1 Contractor and/or his employees shall provide proof of training and qualifications when requested by the Agency.
- .4 Contractor shall provide the Agency with a copy of an "Entry Permit" for each and every entry into the confined space to ensure compliance with the Canada Labour Code, Part II, Section 11.
- .5 Contractor shall have a hazardous assessment of the confined space performed.
- .1 Contractor to provide the Agency with a copy of the hazardous assessment.
- .6 For the purposes of this contract, "confined space" means an enclosed or partially enclosed space that:
 - .1 is not designed or intended for human occupancy except for the purpose of performing work,
 - .2 has restricted means of access and egress, and
 - .3 may become hazardous to an employee entering due to:
 - .1 its design, construction, location or atmosphere
 - .2 the materials or substances in it,or
 - .3 any other conditions relating to it.

18. Elevated Work Structures

- .1 Where required, erect and maintain scaffolding and/or ladders in a secure and safe manner in accordance with the Canada Labour Code Part II - Canada Occupational Safety and Health Regulations, Nova Scotia Occupational Safety and Health Regulations, Temporary Structures and Excavations Regulations and the Fall Protection and Scaffolding Regulations of the Province of Nova Scotia as well as any other applicable codes and standards.
- .2 Erect elevated work structures independent of walls. Remove promptly when no longer required.
- .3 Design/construct falsework in accordance with CSA S269.1-Latest.
- .4 Design/construct scaffolding in accordance with CSA S269.2-Latest.

