

CITY PRE-CONTRACT HAZARD ASSESSMENT FORM

Contract Title : Renfrew Ravine Renewal Phase I

Project Manager (City employee) Alexandre Man-Bourdon

Name and No. (if known) _____

PURPOSE

This document shall be completed by the City's designated project manager, who shall list all the known worksite hazards and all the **existing** work process hazards associated with the upcoming contract. The completed document shall then be provided to all potential contractors, as part of the tender package, so the project can be bid appropriately based on the known worksite hazards.

DEFINITIONS

"Project Manager" means the City employee designated to be the liaison with the contractor for the purpose of managing, overseeing, coordinating or in any other way administering the contract.

INSTRUCTIONS FOR COMPLETION

The document must be completed in full. Choices for each entry are:

Yes (Y) the known worksite hazard or existing work process hazard does exist

No (N) the known worksite hazard or existing work process hazard does not exist*, or, a third party (environmental consultant) will address the issue (usually for a hazardous materials assessment)

* based on reasonable estimation from all input by persons with expertise or relevant knowledge and understanding

Not Applicable (NA) the worksite hazard or existing work process is not applicable for this contract type

INFORMATION FROM HAZARDOUS MATERIALS ASSESSMENTS PROVIDED BY A THIRD PARTY

A hazardous materials assessment may be completed prior to the Project Manager completing the City's List of Known Workplace Hazards. Any such assessment should be referenced by the Project Manager in this document and provided with the tender package. Hazardous materials may include asbestos, lead, crystalline silica, ammonia, PCBs, CFCs, moulds, mercury, ozone depleting substances (ODSs), radioactive substances.

ASSISTANCE IN COMPLETING THIS DOCUMENT

If you have questions while completing this document, or are unsure if the listed hazards apply, please seek assistance from Health and Safety (604.871.6078 or healthandsafety@vancouver.ca).

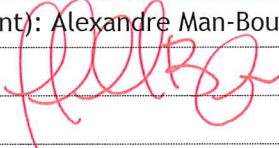
Hazard or Issue	Project Manager		
	<i>Yes (Y), No (N) or Not Applicable (NA)</i>		
1. Asbestos-containing Materials. Disturbance or penetrations of flooring, walls, ceiling tiles, pipe lagging, ac pipe, transite siding, particularly in older facilities; e.g., furniture/fixture installation, carpeting/flooring services and boiler repair/tune-up services			
(a) Asbestos containing materials (ACM) will be encountered	Y	N	NA
(b) A hazardous materials assessment for asbestos is provided in the tender package	Y	N	NA
(c) A hazardous materials assessment for asbestos is the responsibility of the contractor	Y	N	NA
2. Lead-containing Materials. Disturbance of lead-based paint, particularly in older facilities. Also present in certain electrical circuitry and metal alloys; e.g., overhead bridge crane maintenance/repair, high-voltage cable splicing services, boiler repair/tune-up services, fixture installation services, and chiller maintenance/repair services			
(a) Inorganic lead-containing materials may be encountered	Y	N	NA
(b) A hazardous materials assessment for lead is provided in the tender package	Y	N	NA
(c) A hazardous materials assessment for lead is the responsibility of the contractor	Y	N	NA
3. Other hazardous materials. May include ammonia, pcb's, cfc's, moulds, mercury, ozone depleting substances (ods), radioactive substances, sewage, unknown contaminated materials, other (list other here) _____ _____ _____			
(a) A hazardous materials assessment for ammonia is provided in the tender package	Y	N	NA
(b) a hazardous materials assessment for (list the specific hazardous material) will be provided in the tender package;	Y	N	NA
(c) a hazardous materials assessment for (list the specific hazardous materials) will be the contractors responsibility	Y	N	NA
4. Confined Spaces. Working in vaults, chambers, pits, tanks, etc.; e.g., construction, inspection and testing services, water/fuel storage tank clean-out services, and utility corrosion inspection services:			
(a) a hazard assessment (for entry and inspection only) from the City of Vancouver is provided in the tender package;	Y	N	NA
(b) the City of Vancouver shall provide procedures to isolate adjacent piping, or to lock out equipment (complicated systems only);	Y	N	NA
(c) the contractor shall be responsible for isolation and lockout procedures.	Y	N	NA

Hazard or Issue	Project Manager		
	<i>Yes (Y), No (N) or Not Applicable (NA)</i>		
<p>5. Lock Out. Industrial equipment maintenance, power machinery repair services, pump maintenance/repair services, mechanical refrigeration systems, elevator repair, overhead bridge crane maintenance/repair services, cathodic protection services, hydraulic test systems repair/service, and air compressor rebuilding services:</p>			
(a) lockout will be required to isolate or prevent the unexpected release of energy (electrical, mechanical, hydraulic, chemical, thermal, kinetic, gravitational, pneumatic);	Y	N	NA
(b) work will be performed on or near energized equipment, lines, or circuits	Y	N	NA
<p>If yes to (a) or (b) describe:</p> <p>_____</p> <p>_____</p> <p>_____</p>			
<p>6. Fall Protection. Tree pruning, window and ledge cleaning, window replacement, overhead bridge crane maintenance/repair services, roll-up door replacement, tent installation, awning/canopy installation, overhead air exchange installation, construction inspection and testing services</p>			
(a) Workers will be exposed to a potential fall in excess of 3 m (10 feet), or to a fall of less than 3 m which would likely result in a serious injury (ex. impalement on rebar)	Y	N	NA
(b) Scaffolding or ladders will be required to be secured to a building or structure	Y	N	NA
<p>7. Overhead and Underground Utilities. Tree pruning services, tree removal, utility relocation or replacement, underground utility identification (digging with powered equipment), concrete sawing services, pole painting</p>			
(a) There will be electrical hazards associated with overhead power lines such as limits of approach and contact	Y	N	NA
(b) Necessary assurances (in writing) have (or will be) obtained by the City, through the utility company, for any work where minimum limits of approach cannot be maintained (provide documentation and review at pre job meeting with the successful contractor candidate)	Y	N	NA
(c) Necessary assurances must be obtained (in writing) by the successful contractor, through the utility company, for any work where minimum limits of approach will not be able to be maintained	Y	N	NA
(d) Underground or hidden utilities are located on the job site and any excavation or drilling work in proximity to an underground utility service must be undertaken in conformity with the requirements of the owner of that utility service	Y	N	NA

Hazard or Issue	Project Manager
	Yes (Y), No (N) or Not Applicable (NA)
If yes to (c), and the specific physical locations where minimum limits of approach will not be able to be maintained are known, how will this information be provided to the contractor? _____ _____ _____	
8. Construction, Excavation, Shoring and Demolition	
(a) As "prime contractor", the City of Vancouver project manager will submit the Notice of Project	Y N NA
(b) Workers will be required to enter an excavation over 1.2m (4 ft) in depth	Y N NA
9. Chemicals, Solvents, Fumes, Vapours, And/Or Dusts (existing work processes or known worksite hazard only) - ice rinks, swimming pools, cleaning solvents, adhesives, paints, coatings, binders; e.g., storage tank clean-out services, countertop installation (epoxies), and flooring	
(a) The worksite has chemicals solvents, fumes, vapours or dusts that may affect the contractor	Y N NA
(b) Material Safety Data Sheets for chemicals currently in use at the worksite will be available, on request, to the contractor	Y N NA
If yes to (a), list the work processes and/or chemicals in use: _____ _____ _____	
10. Noise (existing work processes only)	
Employees will be exposed to noise levels above 85dbA	Y N NA

OTHER HAZARDS (NOT IDENTIFIED ABOVE)	
(a)	<u>CONTRACTOR MAY BE AT RISK TO EXPOSURE TO HYPODERMIC NEEDLES ON SITE</u>
(b)	_____ _____
(c)	_____ _____

KNOWN WORKPLACE HAZARDS LIST COMPLETED BY _____

Project Manager Name (print): Alexandre Man-Bourdon	
Project Manager Signature: 	Date: August 24, 2017
Title: Landscape Architect	Phone: 604-257-8421