# PART 1 - GENERAL

## 1.1 DESCRIPTION OF WORK

A. Regulated materials requiring special handling or abatement or protection during construction include hazardous materials and dangerous wastes. The Owner has investigated the Project Site and determined that the following regulated materials could be encountered during construction and may be impacted by the Project:

1. Asbestos-containing materials (ACM)
2. Heavy metals (including lead-containing materials)
3. Polychlorinated biphenyls (PCBs) in light ballasts
4. PCBs in electrical transformers
5. PCBs in caulk and other bulk materials
6. Mercury-containing fluorescent light tubes
7. Mercury in plumbing traps
8. Mercury in electrical switches
9. Mercury in thermostats
10. High Intensity Discharge (HID) lamps
11. Contaminated fume hoods and/or ductwork
12. Laboratory drain piping
13. Refrigerants
14. Hydraulic oil
15. Animal droppings
16. Mountlake landfill area
17. Biological contaminants
18. Silica-containing materials and fugitive dust

B. Survey: The Owner has included in Appendix C of the Specifications a Regulated Materials “Good Faith” Survey report of the Project site area to be impacted by the Work. The Contractor shall ensure that a copy of this report is provided to all bidders and Subcontractors. A copy of this Survey must be retained and available for review on the Project site at all times throughout the duration of the Work Order.

C. Related Sections: This Section and the following related Construction Documents were prepared by the Owner:

1. Section 01 50 00 “Temporary Facilities and Controls”
2. Section 02 80 00 “Facility Remediation”
3. Section 02 82 00 “Asbestos Removal”
4. Section 02 83 00 “Heavy Metal-Related Activities”
5. Section 02 84 00 “Polychlorinated Biphenyl Remediation”
6. Section 02 87 00 “Water Loss Response”

7. Section 02 88 00 "Biological Contaminants"
8. Section 02 90 00 "Environmental Control Procedures"
9. JOC Abatement Design Scope for this Work Order

## 1.2 GENERAL REQUIREMENTS

A. Laws, Regulations, Codes and Ordinances: The Contractor shall comply with all applicable laws, regulations, codes, and ordinances concerning the impact, removal, handling, storage, disposal, monitoring and employee protection against exposure or environmental protection against pollution, related to regulated materials requiring special handling or abatement or protection during construction.

B. Supervisory Authority: The Contractor is solely and completely responsible for supervisory authority over the Contractor's Subcontractors and personnel performing work of this Section.

C. Asbestos Awareness Training: The Contractor shall provide asbestos awareness training for its onsite employees and the onsite employees of the Contractor's Subcontractors (of any tier), in accordance with WAC 296-62-07722(6) including site-specific asbestos-related information.

D. Access Restrictions: Access to various construction work areas by the general public, Subcontractors, and other individuals is restricted during certain hazardous materials work sequences, as specified in the Contract Documents. The Contractor shall coordinate the Work to facilitate access by Subcontractors while enforcing work area restrictions, and shall minimize disruption to building occupants and services.

E. Working Hours: No hazardous materials work shall occur when building users have access to work areas. All hazardous materials work shall be scheduled to occur in accordance with schedule requirements outlined elsewhere in the Contract Documents, and when work areas have been vacated by building users.

F. Emergency Contacts: Designated qualified representatives of the Contractor and specific hazardous materials Subcontractors are to be available on a 24-hour emergency basis for the duration of the Work. Contact information shall be provided to the Owner's Representative for inclusion in the Work Order emergency contact list.

G. Submittals: The Contractor shall review the scope of work requirements outlined in the Contract Documents and shall submit, and require all Subcontractors performing the work of handling or disposing of any regulated materials to submit, pertinent information required by the Contract Documents.

H. Regulated, Hazardous, and Dangerous Waste Disposal

1. Transportation and disposal of all hazardous and dangerous wastes will be managed by, and the costs will be borne by, the Owner through the Owner's Environmental Programs Office. The Contractor shall be responsible for packaging and staging hazardous materials and dangerous wastes onsite, and for scheduling pickup through the Owner's Representative.

2. Removal, handling, packaging, transportation, and disposal of Non-TSCA PCB bulk materials (2 parts per million or greater PCBs, but less than 50 parts per million PCBs) will be managed by, and the costs will be borne by, the Contractor. This does not apply to PCB-containing light ballasts.

3. Transportation and disposal of PCB-containing ballasts (2 parts per million or greater) and TSCA-Regulated PCB Waste (50 ppm or greater PCBs) will be managed by, and the costs will be borne by, the Owner through the Owner's Environmental Programs Office. The Contractor shall be responsible for packaging (in Owner-provided containers) and staging

TSCA-Regulated PCB wastes onsite, and for scheduling drop-off of containers and pickup through the Owner's Representative.

4. All other regulated waste materials (including asbestos-containing materials) must be disposed of by the Contractor at an Owner-audited and -approved disposal facility. Approved facilities can be viewed online at: http://www.ehs.washington.edu/epowaste/disposalfaclist.pdf

   a. Heavy metals-containing materials and materials with heavy metals-containing coatings (e.g., lead-containing paint), which are not designated as dangerous or hazardous waste, must be handled and disposed of as a regulated waste and cannot be recycled.

      1) Exception for metal items that contain lead: Metal items that contain lead or other heavy metals (e.g., lead flashings, vent caps, lead-painted metal) may be recycled at a scrap facility which is permitted to accept and process such materials.
      2) Building materials coated with lead-containing paints (including concrete) shall not be recycled.
      3) Brick and mortar waste streams that do not designate as dangerous or hazardous waste may be recycled at a facility which is permitted to accept and process such materials.

I. Regulated Materials – Waste Manifests: Prior to Final Completion, the Contractor shall submit to the Owner copies of all transportation and disposal manifests, including signed landfill receipts and chain-of-custody, for all regulated wastes disposed of by the Contractor during the course of the Work Order.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

**END OF SECTION**