

## Scope of Work

The Emergency Response and Hazardous Waste Management program responds to both emergency and non-emergency chemical spills, releases of regulated and/or hazardous materials, and abandoned wastes within the Port of Los Angeles. In this function, EMD responds to requests for services from other Harbor Department divisions, State, and Federal agencies, including the United States Coast Guard (USCG), Department of Fish & Wildlife, United States Environmental Protection Agency (USEPA), and the Regional Water Quality Control Board.

The Harbor Department requires the services of qualified contractors to support and perform all phases of on-site waste management, such as containment of spills, and cleanup of releases or abandoned waste on an as-needed basis in the following categories:

### A. Emergency Response

Emergency Response is the ability to respond to a spill or uncontrolled release of a hazardous or regulated material on an emergency basis at any time, 24 hours per day, 7 days per week (including holidays), and provide containment and cleanup as required by local, state and federal regulatory agencies, and as directed by the Harbor Department. The contractor should have the ability to arrive on-scene within 30 to 45 minutes of notification. These spills may involve containment and cleanup operations in storm drains, pipelines, groundwater, and in other water bodies, including navigable waters of the state, such as the ocean, harbors, lakes, reservoirs, streams, canals, and rivers.

### B. Unidentified Waste

Unidentified wastes are unlabeled containers with unknown substances deposited on Harbor Department property that require removal.

1. The contractor must have the ability to identify, package, and transport the unidentified wastes deposited on Harbor Department properties or right-of-way for recycling, treatment, or disposal.
2. Response to this waste stream will usually be required during normal working hours.

### C. Waste Management

Waste Management is the ability to identify, categorize, remove, package and recycle, or dispose of hazardous, non-hazardous, and regulated waste that are generated through the normal work process of maintaining Harbor Department property or equipment.

1. Response to this waste stream will usually be required during normal working hours.

2. The contractor will be required to be on-site at a Harbor Department facility at a mutually agreed-upon time with an authorized Department employee.
3. Waste management services may include, but are not limited to:
  - a. Removal and excavation of contaminated debris;
  - b. Laboratory packing of chemicals;
  - c. Packaging and consolidating hazardous materials;
  - d. Identifying and packaging unidentified materials;
  - e. Characterizing and profiling of waste prior to disposal; and
  - f. Transporting waste for disposal.
4. For the purpose of this Agreement, regulated and/or hazardous materials include, but are not limited to:
  - a. Asbestos, crude oil and petroleum products, including fuel oil, mineral oil, gasoline, diesel;
  - b. Corrosive liquids, including acid, alkaline, and ammonia solutions,
  - c. Polychlorinated Biphenyl's (PCB) and PCB-contaminated materials;
  - d. Mercury, lead, and other metals;
  - e. Ferric Chloride;
  - f. Chlorine;
  - g. Waste tires;
  - h. Treated wood;
  - i. Bio-hazard waste;
  - j. Sewage; and
  - k. Other environmental regulated media.

#### D. Miscellaneous Services

In addition to emergency response, EMD routinely assists other divisions with:

- Management and disposal of both hazardous and non-hazardous wastes generated by Harbor Department maintenance operations and construction projects;
- Collection and disposal of waste oil from collection sheds set up for commercial fishing boats;
- Abatement of lead-based paint and asbestos-containing materials in/on Harbor Department structures;
- Cleaning of facilities contaminated by biological wastes;
- Pickup and disposal of dead marine mammals from harbor waters;
- Storm drain cleaning and maintenance;
- Support the Harbor Department's Derelict Boat Removal program by providing removal and disposal of hazardous or regulated waste;
- Pressure-washing/steam cleaning;
- Mold abatement;
- Assist Construction and Maintenance staff on projects that involve confined space;

- Remove and dispose of Underground Storage Tanks (UST); and
- Waste management prior to and during Harbor Department sponsored events.

## Required Equipment

The contractor **must** have, or have immediate access to, the following equipment and services:

- TWIC/24-7 Emergency response;
- Stainless steel vacuum truck;
- Black iron vacuum trucks steel – 20 BBL, 70 BBL, 120 BBL;
- Emergency response unit – Level B;
- Blood & Bio cleanup;
- Registered waste tire hauler; and
- Boat(s) for waterside spills.

It is recommended that the contractor have, or have immediate access to, the following equipment and services:

- Roll-off bins and trailer;
- Tandem roll-off trailer;
- Flat bed box van;
- Self-powered work barge;
- Booming vessel and work skiff – w/ Hull & Machinery Insurance;
- Portable containment boom system – 1000' of boom with hydraulic power pack;
- Oil spill skimmers – drum style, mop style;
- Skim packs;
- Mercury vapor analyzer and Organic Vapor Analyzer (calibrated);
- Haz Mat kit – chemical identification;
- Sufficient amount/length of containment boom (at least 10,000 feet);
- Super sucker/jetter combos;
- Salvage and diving services; and
- Trauma scene practitioner with license to haul medical waste.

## General Requirements

The Contractor shall perform all tasks in accordance with all applicable local, state, and federal regulations. Proposer must also perform activities in compliance with all appropriate elements of Harbor Department policies, tariffs, and programs (e.g., Construction and Maintenance Division's Environmental Management System (EMS), storm water control measures, Water Resources Action Plan, Clean Air Action Plan, etc.).

The Contractor must be capable of responding to regulated and/or hazardous materials discharge to inland, river/canal, and coastal/ocean environments.

### A. Laboratory Services

The Contractor must have access to the services of a California State Certified environmental laboratory equipped to perform waste characterization analyses mandated by the Code of Federal Regulations (CFR) 40 and Code of California Regulations (CCR) Title 22 and in accordance with USEPA Solid Waste (SW)-846 test methods of evaluation of solid wastes, physical/chemical methods. The capabilities of the lab must include, but are not limited to, analysis by Atomic Absorption (AA), AA – flame, AA Spectroscopy – Graphite furnace, Fluorescence, Gas Chromatography (GC), and GC-Mass Spectrometry for all regulated organics, X-ray Fluorescence, Organic Vapor Analyzer, Inductively Coupled Plasma/Atomic Emission Spectroscopy, pH, and flash-point testing.

## B. Disposal and Transportation

The Contractor shall provide disposal services of a fully permitted waste disposal facility or facilities capable of handling non-hazardous and hazardous wastes, including California regulated wastes, Resource Conservation and Recovery Act (RCRA) Federal regulated wastes, and liquid/solid waste under the Toxic Substances Control Act.

All subcontractors and all identified hazardous or regulated waste recycling and disposal sites must be reviewed and approved for environmental acceptability and regulatory compliance with applicable state and federal laws, at the sole discretion of EMD. All recycling, treatment, storage, and/or disposal facilities must operate under Federal and State licenses/permits.

The Contractor shall ensure that all wastes handled, stored or transported are properly contained and labeled for shipment in accordance with all applicable State and Federal regulations.

The Contractor shall provide transportation of hazardous waste to a treatment, storage or disposal facility by a licensed and permitted hazardous waste transporter.

The Contractor shall furnish all labor, materials, and equipment as well as technical expertise, supervision, and management to effectively identify, package, clean up, and transport the various regulated, non-hazardous and hazardous waste for recycling, treatment, and/or disposal.

## C. Manifest Documents

The Contractor shall provide properly prepared non-hazardous and hazardous waste manifest documents for waste to be transported to disposal or treatment facilities.

On non-emergency or routine jobs, the Contractor shall coordinate with Harbor Department staff and hazardous waste disposal or treatment facilities to provide hazardous waste profiles and manifests to the Harbor Department.

## Project Management

Selected Contractors will work directly under the supervision of a Project Manager from the Environmental Management Division.

## Project Deliverables

The Contractor must submit a monthly summary report describing all work assignments, including a running total of costs. The report must be cumulative. EMD will provide the format for the report.