

6. Palmdale/Edwards AFB Site Specific Requirements

This document is intended to notify Service Providers of Environmental, Health and Safety (EHS) requirements and non-obvious site specific hazards that are unique to operations at Boeing's Palmdale and Edwards AFB sites. This information is provided to Service Providers through their Boeing On-Site Activity Representative (OAR).

A. General

1. EHS Orientation

- a) Boeing EHS organization will provide the OAR relevant documentation of site-specific hazards, precautions, environmental, health and safety rules and requirements in effect at the worksite.
- b) The OAR will provide this information to the contractor who shall also ensure that this information is provided to its subcontractors.
- c) Contractor will be responsible for requiring all of the contractor's employees to receive this information prior to beginning work at Boeing's facility.
- d) Contractor shall keep records showing to whom this information has been given. In the event there is a change in personnel in contractor's work force, contractor is responsible for providing any new employees with this information and maintaining all necessary records.

2. Emergency Assistance and Emergency Assembly Area

- a) The emergency phone number from an onsite phone is 911 at both Palmdale and Edwards AFB. The emergency number to use when calling from a cell phone is 661-272-4122 for Palmdale Security or 661-277-3340 for Edwards AFB Security Forces.
- b) The OAR will inform the contractor of the locations of the Emergency Assembly Areas (EAA). Contractor employees will be given instructions by appropriate means if it becomes necessary to assemble or evacuate the site.

3. Incident Reporting

- a) Contractor shall immediately notify the OAR or onsite EHS of any unplanned event, condition, spill, or release that occurs while on Boeing property that results in personal injury or damage to property, equipment, or the environment or has the potential to do so.
- b) Contractor shall notify Boeing of the name of contractor's employee who will make the report described above. This representative will be

knowledgeable in the prevention of incidents at the job site.

c) If the contractor files an incident report with a public authority, the contractor shall provide a copy of the report to Boeing prior to issuance.

d) Contractor shall investigate each incident to determine the cause and implement future corrective measures. Contractor will present a written copy of its initial draft investigation findings and corrective action measures to EHS through the OAR within one working day of being notified that an incident has occurred and provide a final report as soon as practicable.

e) Contact Edwards AFB Environmental Flight in the event of an environmental incident while operating on that installation.

B. Environmental Protection

1. Contractor shall assume all building materials are Asbestos Containing Materials (ACM), and shall not disturb such, unless site surveys, reports, or facility drawings show that ACM is not present.

a) If such areas must be disturbed, contractor shall coordinate with the Boeing OAR to obtain written approval from Boeing's EHS organization.

b) Only Cal/OSHA registered asbestos abatement contractors will be used to disturb asbestos containing material.

2. A Cal/OSHA-complaint Lead Work Plan must be submitted to the OAR for review prior to any work that will or may involve lead removal or generate airborne lead dust.

3. The contractor is advised that various devices (switches, lamps, transformers, liquid-filled capacitors, fluorescent light ballasts, etc...) installed throughout site may contain mercury or polychlorinated biphenyl (PCB) materials. Disposition of such materials must be coordinated by the OAR and may not be disposed of as common refuse or managed as construction debris.

4. The contractor shall submit notice to OAR of any intended use of diesel engines rated at fifty (50) brake horsepower or greater to ensure proper registration. Such notice shall be submitted prior to use of the engine.

5. Hazardous Waste

a) Contractor shall accumulate hazardous or potentially hazardous wastes in Boeing provided hazardous waste containers at Boeing approved staging areas.

b) Boeing will transfer waste containers to the site's storage area.

c) Contractor shall make a good faith effort to minimize hazardous waste generation.

6. Soil, Concrete, and Asphalt Handling

a) Historical process data shows the potential for soil, groundwater, and concrete/asphalt contamination at this site. If the contractor discovers any indication of potential contamination in the soil, concrete, or asphalt, the contractor shall immediately stop the project and notify the OAR.

b) The contractor shall stop work and immediately notify the OAR if an excavation reveals subsurface artifacts, such as remnants of ordnance, chemical or waste containers, and remnants of historical civilization.

c) The contractor shall notify the OAR one week prior to the start of excavation.

d) All excavated concrete and soil removed shall be placed on, and covered with, 20-mil polyethylene plastic. The OAR shall notify the contractor of the approved location for storage of excavated material.

e) Collected stormwater must not come into contact with soil.

f) Contractor shall provide run-on and run-off control.

g) All concrete cutting water shall be captured and containerized in Boeing approved containers and shall be handled by OAR and EHS organization.

h) Boeing will sample the soil after it has been excavated to determine if the soil is nonhazardous.

i) If the soil or concrete are found to be contaminated, Boeing will provide the appropriate waste containers.

j) Boeing shall dispose of any contaminated soil and concrete.

k) After the excavation is complete, for each particular area, the contractor shall allow OAR sufficient time to collect soil samples prior to any further construction.

7. Storm Water Pollution Prevention

a) The contractor will use equipment that is clean, in good working condition, and free from leaks. Spills from the contractor's equipment will be cleaned up by Boeing at the contractor's expense. The OAR shall be notified immediately in the case of a spill by the contractor.

b) Contractor activities must not violate the Stormwater Pollution Prevention

Plan requirements for soil disturbances under an acre.

c) Contractor must obtain a site specific construction Stormwater Pollution Prevention Permit approval for all soil disturbances over an acre.

d) Contractor shall not discharge any water (including potable water) to the ground, sanitary sewer, or storm drains unless written authorization has been obtained from Boeing EHS.

e) All equipment or area wash-down water shall be contained and discharged according to instructions from OAR.

8. Contact Edwards AFB Environmental Flight for specific environmental requirements while operating on that installation.

C. Health & Safety

1. Go4Zero Commitment

a) Boeing is committed to pursuing zero injuries and incidents and has adopted the following principles. These principles should be observed in all contractor activities.

(1) We value human life and well-being above all else and take action accordingly.

(2) All incidents, injuries and workplace illnesses are preventable.

(3) We are personally accountable for our own and collectively responsible for each other's safety.

(4) By committing to safety first, we advance our goals for quality, cost, and schedule.

2. Safety Inspections and Housekeeping

a) Contractor shall inspect the work area daily to ensure safe working conditions are maintained and all safety procedures are followed. Each inspection shall be documented and provided to the OAR or Boeing EHS upon request.

b) Contractor shall be responsible for properly organizing all activities on the job site to the extent that good housekeeping shall be practiced at all times. This shall include, but not be limited to:

(1) As the job progresses, work areas must be kept clean at all times.

(2) All materials, tools, and equipment must be stored in a stable position

to prevent rolling or falling. Materials and supplies shall be kept away from edges of floors, hoist ways, stairways, and floor openings. When exterior walls are being built, materials and supplies shall be kept away from the perimeter of the building.

(3) A safe access way to all work areas and storage areas must be maintained. All stairways, corridors, ladders, catwalks, ramps, passageways, and work platforms shall be kept clear of loose material and trash.

(4) Forms and scrap lumber with protruding nails and all other debris shall be cleared from work areas, passageways, stairs, and in and around buildings or other structures.

(5) Combustible scrap and debris shall be removed at regular intervals. Safe means shall be provided to facilitate such removal.

(6) Contractor shall supply an adequate number of dumpsters to insure a clean working area at all times.

(7) Contractor shall load and transport all refuse and debris to a suitable disposal area away from the job site and make disposition in a lawful manner. Contractor shall be responsible for daily cleanup of common areas, such as parking lots and roadways. Contractor's parking and staging areas shall also be maintained clean and free of all debris at all times.

(8) Contractor shall restrict the use and storage of flammable materials to a minimum.

(9) Contractor shall collect and dispose of flammable debris and dust as it is accumulated.

(10) Storage locations for gasoline or other flammable materials used for vehicles or equipment shall be in areas approved by the OAR.

(11) Cords and hoses shall be kept a minimum of seven (7) feet overhead or laid flat outside of walkways.

(12) Tools and equipment shall not be strewn about where they might cause tripping or falling hazards and shall, at the end of each workday, be collected and stored away properly

(13) Housekeeping and care of the job site shall be in accordance with the Contract.

3. Contact Edwards AFB Bioenvironmental Flight for additional safety and health requirements while operating on that installation.

APPENDIX 1
DOCUMENT SUBMITTAL REQUIREMENTS

| ITEM NO. | SUBMITTAL | TIME OF SUBMITTAL | PURPOSE | NO. OF COPIES |
|----------|--|---|----------|---------------|
| 1 | Stand by Hourly Rates | Within 5 working days of award | Record | 1 |
| 2 | List of Service Company Personnel | 5 days prior to start of work | Record | 1 |
| 3 | Material Safety Data Sheets | 5 days prior to start of work | Record | 1 |
| 4 | Training Records | 2 Weeks Prior to Start of Applicable Task | Record | 1 |
| 5 | Agency Notifications | As required by regulatory agency | Approval | 1 |
| 6 | Lead-Based Material Work Plan | 10 Days Prior to Start of Lead Related Task | Review | 1 |
| 7 | Air Monitoring Results | As Requested | Record | 1 |
| 8 | Solvent Usage Log | Daily | Record | 1 |
| 9 | Lift Plans | 10 Working Days Prior to Lifts | Review | 1 |
| 10. | Detailed Work Schedule | Within 10 working days of award | Approval | 2 |
| 11 | Detailed Work Plan | Within 10 working days of award | Approval | 2 |
| 12 | Weigh Tickets for Shipments | Within 5 Days of Shipment | Record | 1 |
| 13 | Daily Activity Report | Daily | Record | 1 |
| 14 | Daily Safety Meeting Report | Daily | Record | 1 |
| 15 | Injury and Illness Prevention Plan Award and Prior to Start of Work | Within 10 working days of award | Record | 1 |
| 16 | Health and Safety Plan (Incorporating a Radiation Work Protection Plan (RPP) if appropriate) | Within 10 working days of award | Approval | 1 |