

## **SECTION 01562 ENVIRONMENTAL MITIGATION**

### **1.1 THE REQUIREMENT**

- A. The CONTRACTOR shall mitigate the adverse environmental impacts associated with the Work of the Contract. The CONTRACTOR shall indemnify and hold harmless the CITY from any and all fines, penalties or damages incurred by the CITY for violation of any environmental mitigation measures or permit caused by the CONTRACTOR's failure to comply with environmental mitigation measures of this Article. The measures that the CONTRACTOR shall take to mitigate environmental impacts include, but are not limited to the following:
1. Implement a Fugitive Dust and Erosion Control Plan (FDECP) that meets or exceeds SCAQMD requirements and the CITY'S FDECP for this site.
  2. Comply with the General Construction Activity Storm Water Permit and the Storm Water Pollution Prevention Plan for this site.
  3. Comply with the requirements of NOTIFICATION OF HAZARDOUS SUBSTANCES of the General Conditions.
  4. Comply with the requirements of CONTAMINATED SOIL AND DEBRIS of the Technical Specifications.
  5. Comply with the requirements of all permits and variances included in the Technical Specifications.
  6. Protect sensitive habitats and species through the use of fencing, to prohibit construction personnel access to adjacent habitat areas, and with dust control measures of the FDECP, and such other measures that may be called for by the Environmental Impact Report for this project.
  7. Comply with the following emission control measures to minimize construction activity emissions, at no additional cost to the CITY:
    - a. Stop construction activities during Stage II smog alerts which will be announced to the CONTRACTOR by the ENGINEER;
    - b. Reduce construction equipment emissions by shutting off all equipment not in actual use;
    - c. Reduce construction-related traffic congestion;
    - d. Provide rideshare incentives for construction personnel;
    - e. Tune and maintain construction equipment properly;
    - f. Use low-sulfur/low nitrogen fuel for construction equipment, if available;
    - g. Provide transit incentives for construction personnel;

- h. Configure construction parking to minimize traffic interference;
  - i. Minimize obstruction of through-traffic lanes;
  - j. Provide a flagperson to facilitate traffic flow and prevent traffic congestion;
  - k. Schedule operations affecting roadways for off-peak traffic hours.
- B. Comply with the more stringent requirements of the current CITY or local noise ordinances, which may include:
- 1. Construction of noise barriers;
  - 2. Use of low-noise-generating construction equipment;
  - 3. Maintenance of mufflers and ancillary noise abatement equipment;
  - 4. Use of vibration pile drivers and other techniques that result in less noise than impact pile drivers;
  - 5. Scheduling high noise producing activities during periods that are least sensitive;
  - 6. Routing construction related truck traffic away from noise-sensitive areas;
  - 7. Reducing construction vehicle speeds.

(END OF SECTION)