

## SECTION 311040

### SITE CLEARING

#### PART 1 - GENERAL

##### 1.1 WORK INCLUDED

A. Unless indicated otherwise, the following work shall be considered incidental to Bid Items for which it is applicable:

1. Clearing of plant life and grass within limits of construction.
2. Removing root systems of trees and shrubs in areas cleared.
3. Pruning trees to remain where branches or roots will interfere with construction operations.
4. Removal and disposal of material and debris off-site.

##### 1.2 REGULATORY REQUIREMENTS

A. Conform to applicable local, state, and federal regulations for disposal of debris.

B. Disposing of material and debris on site is prohibited.

C. Disposal by burning is prohibited.

D. In the process of site clearing, the Contractor may encounter protected and endangered wildlife. Florida's imperiled species are fish and wildlife species that meet criteria to be listed as federally endangered, federally threatened, state threatened or Species of Special Concern. The current listing status of all of Florida's federal and state listed species is found in Florida's Endangered and Threatened Species List. While the U.S. Fish and Wildlife Service (USFWS) has primary responsibility for Florida species that are federally endangered or threatened, like the sand skink or the Florida scrub-jay, the Florida Fish and Wildlife Conservation Commission (FWC) works in partnership with USFWS to help conserve these species.

1. Protected wildlife includes those species listed as Endangered, Threatened, or Species of Special Concern. Also included are migratory birds and other species protected by state rules. If any protected or imperiled wildlife species, such as gopher tortoises, etc. are encountered

by the Contractor, it is the Contractor's responsibility to refer to the appropriate Florida Administrative Code, state rules, and the Florida Fish and Wildlife Conservation Commission for guidelines on how to proceed and for applicable permits authorizing impacts. Fees associated with any such relocation and mitigation permitting are the responsibility of the Contractor.

## PART 2 – PRODUCTS (NOT USED)

## PART 3 – EXECUTION

### 3.1 PROTECTION

- A. Protect plant growth and features to remain. Protect existing trees and other vegetation to remain in place against unnecessary cutting, breaking, skinning of roots, skinning or bruising of bark, smothering of trees by stockpiling construction materials or excavated materials within drip line, and excess vehicular or pedestrian traffic or parking of vehicles within the drip line.
- B. Protect all benchmarks, land monuments, and property markers from disturbance, displacement, and damage.
- C. Maintain designated site access for vehicular and pedestrian traffic.
- D. Protect all endangered and protected wildlife in accordance with Section 1.2D of this Specification.

### 3.2 CLEARING AND GRUBBING

- A. For areas to be cleared and grubbed, the surface of the ground shall be completely cleared of all timber, brush, stumps, roots, grass, weeds, rubbish, and all other objectionable obstructions resting on, or protruding through the surface of the ground.
- B. Grubbing shall consist of the complete removal of all stumps, roots larger than 1-1/2 inches in diameter, matted roots, brush, timber, logs, and any other organic or metallic debris not suitable for foundation purposes resting on, under, or protruding through the surface of the ground to a depth of 18 inches below the subgrade. All depressions excavated below the original ground surface for, or by the removal of, such objects, shall be refilled with suitable materials and compacted to a density conforming to the surrounding ground surface.
  - 1. Use only hand methods for grubbing inside drip lines of trees that are to remain in place.

- C. Clearing for structures shall consist of topsoil and vegetation removal.
- D. Clearing and grubbing operations shall be conducted so that the contractor shall not damage the existing structures, installations, and plant growth to remain or structures and installations under construction.
- E. Clearing and grubbing shall be conducted in a manner that provides for the safety of employees and others.

### 3.3 STRIPPING

- A. Topsoil shall be in areas designated or approved by the City.
- B. Stockpiled topsoil shall be protected in accordance with the requirements of Section 321028.
- C. Any topsoil remaining after all work is in place shall be disposed of by the Contractor on site as directed by the City.

### 3.4 DISPOSAL

- A. The Contractor shall dispose of all material and debris from the clearing and grubbing operation by hauling such material and debris away to an approved facility.
- B. The cost of hauling and disposal of cleared and grubbed material and debris shall be considered a subsidiary obligation of the Contractor and the cost shall be included in the Contract prices.

END OF SECTION