SECTION 02100
SITE PREPARATION

PART 1 – GENERAL

1.1 The provisions of the Standard Specifications for Public Works Construction, Section 300, latest Edition, apply except as modified herein.

1.2 Scope:

a. Protection of all improvements to remain.
b. Clearing and grubbing of the site of work as noted on drawings.
c. Removal and disposal of all deleterious materials.
d. Furnishing, developing, applying and providing watering equipment as required for the project.
e. Demolition and removal from the site of all materials, as shown on the drawings and as required for the new work.
f. Removal and disposal of any additional items not specifically mentioned herein which may be found within the work limits.
g. Electrical removals.
h. Special handling and disposal of any toxic wastes (including asbestos).

1.3 Related Work Specified Elsewhere:

a. Earthwork and grading: Section 02200.
b. Landscape work: Section 02900.
c. Electrical work: Section 16000.
d. Irrigation systems: Section 02810.

1.4 Acceptance of Site:

a. Contractor shall accept the site and the character of the work as they exist on the first day of work under this contract. All existing conditions are not necessarily shown on the drawings or noted herein and can be determined only by actual examination of the sites and adjoining premises by the Contractor.

1.5 Responsibility and Coordination:

a. Contractor shall secure and maintain all required permits and licenses, and pay all fees necessary to legally complete the work of this section.

b. Contractor shall notify utility companies for all utilities to be cut off, modified or relocated, and shall maintain and protect all active utilities.

1.6 Protection and Safety:

a. Conform to all requirements of CAL OSHA "Construction Safety Orders" of the State of California Division of Industrial Safety, and applicable ordinances of the County.

b. Contractor shall provide signs in necessary places to exclude persons, except those connected with the work, from entering the working area. Contractor is responsible for preventing unauthorized persons from entering work area.

c. Protect the project site and adjacent properties from dirty water, mud and water accumulated due to Contractor's operations, rainfall runoff or water that enters the project site from any other source.

1.7 Salvage Materials:

a. All salvage material remaining on the site after official notification of vacation by the Agency shall be property of the Contractor, except as noted on the plans and herein.

PART 2 – EXECUTION

2.1 General Removal Work:

a. Demolition and removal work shall be carefully performed to avoid damage to existing facilities as indicated on the plans to remain.

b. All removal work (except as noted) shall be disposed of off-site, in legal manner, at Contractor's expense.

2.2 Site Clearance and Disposal:

a. Clear the site to be improved of grass, weed growth, rubbish, debris, pavement, concrete, inactive or abandoned facilities (verified by the Agency), etc., that are to be removed for construction of improvements to the limits and depths shown on the plans.

b. Abandoned underground facilities (verified by the Agency), roots three inches in diameter, rocks and broken masonry larger than four inches in any dimension shall be removed to a minimum depth of 12" below finish grade.

c. Miscellaneous inactive or abandoned underground facilities located 12 inches or more below finish grade may be removed with Agency approval.

d. Miscellaneous active lines within 12 inches of finish grade that are uncovered during the grading operations shall be protected.

e. All deleterious materials within the limits of the work shall be disposed of off the site by the Contractor, who shall make all necessary arrangements and pay all related costs.

2.3 Utilities:

a. Active utilities shall be protected by and at expense of the Contractor. Keep any required utility in operating condition during entire period of work, including irrigation system for landscape maintenance.

b. Inactive or abandoned utilities shall be disconnected, removed, and plugged or capped subject to the local governing ordinances.

c. Should the Contractor encounter any existing underground utilities not shown on the drawings, he shall at once notify the Agency Representative who will determine further procedure.

2.4 Debris Burning:

a. Burning of debris will not be permitted except by written permission of the Air Pollution Control Authorities and governing fire authorities.

2.5.1 Special Handling and Disposal of Any Toxic Wastes:

a. Existing improvements are to be demolished on the project. It is the responsibility of the

Bidders to ascertain for themselves (by thorough site inspection) the presence of any toxic materials (including any products containing asbestos). They shall make proper allowances in their Bid Proposals to cover all contingencies (as required by public agencies) including health hazard in handling and required and proper disposal off site.

END OF SECTION - 02100