

SECTION 02100 - CLEARING, GRUBBING AND SITE PREPARATION

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SECTION 02100 - CLEARING, GRUBBING AND SITE PREPARATION

PART 1- GENERAL

1.01 WORK INCLUDED

- A. Clearing the entire area within the limits of work of all rubbish, debris, and other objectionable material, and disposal of same.
- B. Stripping the entire area within the limits of work of trees, shrubs, weeds, and other vegetative growth of any nature, and disposal of same as noted on the plans and specifications.
- C. Grubbing the entire area within the limits of work of all roots and vegetative material to the full depth of the root system, and disposal of same.
- D. Dust alleviation and control during the course of the work.
- E. Any required abandonment of system facilities, including cutting, capping and slurry filling of abandoned pipelines.
- F. Provision of all materials, equipment and apparatus not specifically mentioned herein or noted on the plans, but which are obviously necessary to complete the work specified.
- G. Any required salvage of existing facilities.

1.02 RELATED REQUIREMENTS

Not used

1.03 REFERENCE STANDARDS

- A. State Specifications

1.04 QUALITY ASSURANCE

- A. All work under this section will be subject to the inspection and approval of both the Engineer and an approved geotechnical engineer registered in California.
- B. The geotechnical engineer shall make enough visits to the site to insure ongoing familiarity with the progress and quality of the work. The geotechnical engineer shall make a sufficient number of field observations and tests to allow the forming of an opinion regarding the adequacy of the site preparation and the acceptability of the performance of work.

- C. On City-funded Projects, services of the geotechnical engineer and/or testing laboratory shall be retained by, and paid for by the City. On all other projects, the geotechnical engineer and/or testing laboratory shall be retained by, and paid for by the developer. For City-funded Projects, any required geotechnical testing will be paid for by the City; however, testing or retesting caused by unsatisfactory contract operations shall be paid for by the Contractor.
- D. The geotechnical engineer shall provide quality assurance reports as required and accepted by the Engineer.

1.05 MEASUREMENT AND PAYMENT

- A. Clearing, grubbing, and stripping shall be paid for as bid, either in a Lump Sum basis or as shown on the Bid Schedule, which price includes full compensation for clearing, grubbing, and stripping the area specified, and loading, hauling and disposal of material resulting from the operations.

PART 2 - PRODUCTS

Not used

PART 3 - EXECUTION

3.01 PERFORMANCE

- A. Clearing and grubbing shall be in accordance with applicable requirements of Section 16, "*Clearing and Grubbing*," of the *State Specifications*, as amended below.
- B. Ground cover of every nature, including trees, shrubs, weeds, and vegetation of any nature, shall be removed to the full depth of the root system.
- C. Prior to any cutting or filling, the site shall be stripped to a sufficient depth to remove all vegetation and other deleterious materials. The minimum stripping depth shall be six inches (6"). The site shall be stripped to such greater depth, as the Engineer or the project geotechnical engineer may consider necessary to remove materials that, in their opinion, are unsatisfactory. The stripping material shall either be removed from the site or stockpiled for reuse later as topsoil where approved by the Engineer, but none of this stripped material may be used for engineered fill.
- D. Where trees are removed, the soils loosened by the roots shall be over-excavated at least to the bottom of the disturbed zone and to the width of the equipment.
- E. Spoil resulting from clearing, grubbing, and stripping operations shall be removed from the entire limits of work and properly disposed of by the Contractor.

- F. Materials resulting from clearing, grubbing, and stripping operations shall become the property of the Contractor, to be properly removed from the work site and disposed of from the project site in a lawful manner, at no additional expense to the contract.

End of Section