

SECTION G1000

SITE PREPARATION
01/02

PART 1 GENERAL

1.1 SYSTEM DESCRIPTION

- a. Develop the project site and all off-site work necessary to meet the requirements of the project, local codes, reference standards, technical specifications and performance criteria.
- b. New facilities shall be sited approximately at the locations indicated. All existing features that are no longer required, which interfere with the construction of the new facility shall be demolished and removed.
- c. Contractor's haul route(s) and access to site(s) shall be coordinated with the Resident Officer In Charge of Construction (ROICC) in order to minimize the impact of the construction on the [____], and neighboring facilities. Contractor will be responsible for maintaining the roadway, throughout the life of the project, as required to support his construction equipment.
- d. Contractor is responsible for identifying and obtaining permits and complying with the requirements of all Federal, State, and Local regulatory requirements associated with this work.

1.2 SYSTEM REQUIREMENTS

- a. A topographic survey of the project site has been done and may be obtained in [AutoCAD Rev [____][2000]] format. Utilities shown were located based on above ground features. There may be some below ground utilities that exist that are not shown on this plan. Verify location of all utilities, both above and below ground prior to starting work. [Foundations from previously demolished buildings exist at the [____] site.] A topographic survey is attached to Part 6 of this RFP.
- b. A subsurface investigation has been performed and a report is attached to Part 6 of this RFP. Provide a design that is based on the information contained in the report in addition to any other information procured or uncovered during the course of the design.

1.3 CRITERIA

- a. Local codes and requirements.
- b. The Government, Contracting Officer, and PWC utilities will approve all utility connection points.

1.4 COMPLIANCE VERIFICATION

Compliance with the requirements will be determined by a review of the design and construction submittals and by field inspection. See Document

00911, Design Requirements, for submittal requirements. See Section 01330, Submittal Procedures, for Submittal Descriptions (SD-xx) and requirements.

1.5 DESIGN SUBMITTALS

A preliminary soil report is attached to Part 6 of this RFP. It is the Contractor's responsibility to obtain additional data that may be required.

1.5.1 Design Analyses and Drawings

- a. Existing Site and Demolition Plan showing all topographic features (including spot elevations to illustrate drainage patterns) with demolition requirements indicated thereon. This plan shall also show the location of all existing joints in the existing concrete pavement. Maximum contour interval shall be 0.25 m (1 ft).
- b. Provide an Erosion and Sediment Control (ESC) Plan. The ESC plan is a narrative and illustrative document based on concise site information that describes the potential for erosion and sedimentation problems on a construction project and identifies the specific measures which are to be taken to control these problems.
- c. Stormwater pollution prevention plan showing location of all erosion control features and details as well as detailed program as to how plan is to be utilized and maintained.
- d. Boring logs showing soil types encountered, Unified Soil Classification, moisture content, penetration resistance and water level.
- e. Sheeting and shoring plan.

1.5.2 Design Specifications

Submit new prescriptive specification sections, in accordance with Document 00911, "Design Requirements", to specify such items as the quality characteristics, performance factors, efficiency, and certification requirements for all site work.

1.6 CONSTRUCTION SUBMITTALS

[_____]

PART 2 SYSTEM COMPONENTS

2.1 SITE DEMOLITION (G1030)

- a. The [_____][of existing][building number _____] shall be demolished, including shallow foundations. A Hazardous materials report is attached to Part 6 of this RFP. The contractor shall obtain all additional testing required for demolition. [The [_____] site shall be graded and grassed following demolition.]
- b. Existing footings, foundations, piles, sidewalks, pavements, and [_____] shall be demolished as necessary to locate the new facility.
- c. Whenever possible, all features demolished shall be reused, salvaged, or recycled in lieu of being disposed of as waste in a landfill.

d. Existing features demolished, that are not reusable, salvageable, or recyclable shall become property of contractor and shall be removed from project site.

2.2 SITE EARTHWORK

a. Refer to the preliminary soils report in Part 6 of this RFP for site specific requirements

b. Unsuitable material and surplus excavation shall become property of the contractor and shall be removed from the site.

c. Stormwater from open excavations and trenches shall be monitored and not permitted to flow directly to natural watercourses. Discharge of groundwater effluent shall be performed in manner approved by Federal, State and local codes and requirements.

d. Sheet piling, shoring and bracing shall comply with all the requirements of Federal, State and local codes and requirements.

2.3 EROSION CONTROL

a. Erosion control measures shall be utilized during construction at the construction site and at contractor laydown areas.

b. Adhere to Federal, State and local requirements that pertain to storm water management and sedimentation control.

END OF SECTION