

## Chapter 8 Architect-Engineer Contracts

### 8-1. General

This chapter presents an overview for preparing site plan mapping scopes of work for professional surveying and mapping services performed by Architect-Engineer (A-E) contract labor forces. Preparation of a statement of work and cost estimates is necessary to properly negotiate A-E contracted services. These services are either obtained through an indefinite delivery order surveying services contract or scheduled within A-E design services. The cost estimate should reflect all significant cost phases related to the mapping project.

### 8-2. Preparation

The preparation of a scope of work and cost estimate will depend largely on the intended use of the final mapping product. Table 2-1 defines target scales, contour intervals, and accuracy requirements associated with the various engineering mapping projects performed in USACE. Site conditions, project location, existing area control, mapping limits, available supporting data, instrumentation and procedures, transportation, personnel, equipment, deliverables, procedures, and individual disciplines required to complete the job are just some of the contributing factors that need to be properly defined.

### 8-3. Scope of Work

The scope of work should define the specific project requirements and deliverable items of work to be accomplished under the delivery order. Supporting guide specifications should define general contract and technical specifications which would normally pertain to intended use. The scope of work should contain the following sections:

- a.* General statement and location of work.
- b.* Specific requirements related to the site and intended use of the mapping product.
- c.* Deliverable items of work.
- d.* Field procedures and standards.
- e.* Special instructions.
- f.* Data and materials to be furnished for the contractors use.
- g.* Completion schedules.

A sample scope of work for a detailed site plan mapping project is shown in Appendix E. This scope of work would typically be used on a delivery order against a basic mapping contract.