

EXHIBIT "A"

SCOPE OF SERVICE DALLAS PARKWAY EXTENSION US 380 to FM 428

SCOPE OF SERVICES AND RESPONSIBILITIES OF OWNER

ARTICLE I

BASIC SERVICES:

HALFF ASSOCIATES, INC. proposes to provide the following services for OWNER:

A-1 Utility Relocation

- a. Assist County in coordination of ongoing utility relocations for planned construction of the project.
- b. Update project record drawings to reflect positions of relocated utilities and keep construction contractor apprised of same.
- c. Provide field survey control and right-of-way staking as necessary to coordinate utility relocations. Provide field survey of relocated underground utilities as necessary for construction clearance verification.

A-2 NTTA Coordination

- a. Provide design assistance and plan review related to the NTTA's design and construction of a new overpass at US380 which may impact existing roadways, property access and/or traffic control plans established for new Dallas Parkway construction.

A-3 Construction Inspection

- a. Provide monthly summary reports of construction activities to the County. Reports shall contain:
 - i. pay item accounting of observed project quantities on not less than a weekly basis,
 - ii. daily weather conditions,
 - iii. periodic estimates of contractor's labor and equipment dedicated to the project, and
 - iv. observed special conditions resulting in immediate notification to contractor.
- b. Part time inspection of general construction activities consisting of one qualified inspector at an approximate rate of 24 hours per week with not less than 3 site visits per week.

- c. Full time inspection of structural concrete operations and bridge component installation based on an approximate placement rate of not less than 20 cubic yards per hour.
- d. Full time inspection of slip-form concrete paving operations based on an approximate placement rate of not less than 700 square yards per hour.
- e. Perform storm water pollution prevention plan (SWPPP) inspections and review of Contractor's project plan documentation.
- f. Document as-built conditions that may be based on oral conversations and visual inspection.

A-4 Construction Administration

- a. Perform regular review of project records including inspection reports, geotechnical testing reports and contractor record drawings for conformance with the project plans and specifications.
- b. Review all shop drawings, material submittals and work plans for conformance with the project plans and specifications.
- c. Evaluate and provide recommendations to the County for proposed contractor substitutions, value engineering proposals, requests for information, corrective measures and earthwork quantity verification.
- d. Attend monthly construction coordination meetings and monitor construction schedule progress.
- e. Review and recommend monthly construction pay requests.
- f. Assist County in the preparation of change orders and associated plan modifications.
- g. Review and provide recommendations for County response to requests from municipalities, adjacent property owners and utility companies as it relates to coordination with the project improvements.
- h. Prepare project record drawings from Contractor provided data and field observations.

Scope Clarifications

- a. HALFF ASSOCIATES, INC. will endeavor to protect the OWNER in providing these services however, it is understood that HALFF ASSOCIATES, INC. does not guarantee the Contractor's performance, nor is HALFF ASSOCIATES, INC. responsible for supervision of the Contractor's operation or employees. HALFF ASSOCIATES, INC. shall not be responsible for means, methods, techniques, sequences, or procedures of construction selected by the Contractor(s), or any safety precautions and programs relating in any way to the conditions of the premises, the work of the Contractor(s) or any Subcontractor. HALFF ASSOCIATES, INC. shall not be responsible for acts or omissions of any person (except its own employees or agents) at the Project site or otherwise performing any of the work of the Project.

- a. A Project Representative will be mobilized as soon as the Notice to Proceed is issued to the Contractor and will remain committed to the Project through substantial completion or a period of 700 calendar days, whichever comes first. The Project Representative will observe the progress of the work, monitor compliance with the schedules and requirements of the contract documents and help resolve any conflicts needing attention. The limitations of authority of the Project Representative are as listed below and except upon written instructions of HALFF ASSOCIATES, INC. the Project Representative;
- a. shall not authorize any deviation from the Contract Documents or approve any substitute materials or equipment;
- b. shall not undertake any of the responsibilities of Contractor, subcontractors, of Contractor's superintendent, or accelerate the work;
- c. shall not advise on or issue directions relative to any aspect of means, methods, techniques, sequences or procedures of construction unless such is specifically called for in the Contract Documents;
- d. shall not advise or issue directions as to safety precautions and programs in connection with the work;
- e. shall not authorize acceptance of the Project in whole or in part, and
- f. shall not participate in specialized fields, record laboratory tests or material sampling.

OWNER agrees to the following conditions:

1. Provide and maintain performance of a licensed geotechnical engineer for the purpose of conducting all soil material inspection, soil material sampling and field/laboratory testing in accordance with the project plans and specifications.