



PUBLIC WORKS

P.O. Box 839966 • San Antonio, Texas 78283-3966

Date: December 3, 2024

ESP Associates, Inc.
Kenneth Rogers, PE, CFM
Officer
12940 Country Pkwy
San Antonio, Texas 78216

RE: Fee Proposal Approval and NTP – Supplemental #2 Preliminary Engineering Report (PER) for S. Pine Roadway Phase 2 (Greer, Vanderbilt, Piedmont, & S. Palmetto) COSA Project No.: (23-03945)

Mr. Rogers:

The City of San Antonio Public Works Department (PWD) has approved your fee proposal in the not to exceed amount of \$144,176 for PER services. The approved fee covers all design and professional services required to fulfill the scope of work in accordance with the City of San Antonio's Design Guidance Manual (DGM).

You are hereby notified that your firm is authorized to commence work on the PER services for the project listed above. This agreement authorizes compensation in the amount of **\$144,176** for these services. A project schedule is attached.

You are reminded that the City intends to hold your firm accountable for rendering professional services in accordance with the terms of the signed contract and the Design Guidance Manual.

If you have any questions concerning your contract, please feel free to contact me at (210) 207-3966, or florencio.rodriguez@sanantonio.gov.

Sincerely,

Florencio Rodriguez Jr., P.E.
Senior Engineer
Public Works Department



November 13, 2024

October 11, 2024
Revised November 13, 2024

Florencio Rodriguez, Jr., P.E.
Public Works Department
City of San Antonio
100 W. Houston St., 15th Floor
San Antonio, TX 78205

Re: South Pine Roadway Phase 2 (Greer, Vanderbilt,
Piedmont, and South Palmetto)
WBS No. 23-03945
ESP Job No. 23-00279
Supplemental Services Request No. 2

Dear Mr. Rodriguez,

Supplement Services Request No. 2—Preliminary Engineering Report is to detail the analysis and results of the Impact Analysis for the South Pine Phase 2 project ESP Associates, Inc. (ESP) submitted in January 2024. Our Analysis was conducted in accordance with the Storm Water Design Criteria Manual (SWDCM) section 4.3.1C. The results of the study indicate three unmitigated risks: increases in flow to a residential area outside of a drainage easement or right-of-way, increases in depth and/or velocity at low water crossings already classified as damage centers and increases in structure flooding in those same damage center areas. The PER report will identify ways to mitigate impacts to the area because of the South Pine Roadway Phase 2 project and reduce the resulting and unmitigated risks. The PER will identify the mitigation measures downstream to mitigate the Phase 2 increases in peak discharges, velocities and possible impacts to Rockwell Creek. This will be based on conveying storm water runoff in the project area that currently stays on the surface but will now be conveyed by the Phase 2 project. Overall watershed mitigation for damage areas downstream is not included in this PER.

Please find attached a scope of work for the Preliminary Engineering Report based on the evaluation of several alternatives intended to mitigate the impact of the proposed project. The report will address the mitigation options for the South Pine Roadway Phase 2 (Greer Street, Vanderbilt Street, and South Palmetto Street) to possibly be included in the 2027 Bond. The PER will include the following tasks:

- Description and results of the Alternative Analysis Options
 - Models for comparison
 - Existing pre-project with updated survey data
 - Prop project (Phase II)
 - Prop project + Future project (Alt. 1, 2, 3, etc.)

ESP Associates, Inc.
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Florencio Rodriguez, Jr., P.E.
October 11, 2024

- Results of FEMA Benefit Cost Analysis (BCA) for potential Grant Funding
- Engineers Opinion of Probable Costs for 3 Alternatives
- Survey for areas in the recommended mitigation area i.e existing storm sewer sizes and inlet locations.
- FEMA recommendation for CLOMR/LOMR on Rockwell Creek based on Phase 2 project.
 - FEMA Fees
 - LOMR/CLOMR Fees
- Report of the structures in the damage center downstream
- Summary of benefited properties for the Phase 2 project and mitigated recommended alternative

The Preliminary PER will be submitted for review in approximately 45 days on February 3, 2025, after Notice to Proceed. This PER effort includes the assumption that there are many areas within the model where storm sewer sizes and alignments both vertical and horizontal are based on best data available.

We look forward to your authorization of this request. Please contact me if you have any questions or concerns.

Preliminary Engineering Report Fee

\$144,176.00 (fixed fee)

Sincerely,

ESP Associates, Inc.



Kennth E. Rogers, PE, CFM
Officer