



Statement of Work No. 7, Amendment No. 1

This Amendment No. 1 to Statement of Work No. 7 to the Master Services Agreement between the City of Manor, Texas, as CITY, and George Butler Associates, Inc., as ENGINEER, dated October 22, 2021 hereby authorizes ENGINEER to undertake the work assignment described in the following, said assignment to be performed within the terms and conditions defined in said Master Services Agreement, except as modified herein.

Manor Commercial Park Wastewater Collection System & Carriage Hills Lift Station #5 Improvements

A. PROJECT DESCRIPTION

The City of Manor has requested that George Butler and Associates, Inc. provide additional preliminary, design, bidding and construction phase engineering services described below and in the scope of services.

The original Manor Commercial Park scope contemplated installing a wastewater collection system to Beltex Drive to service Manor Commercial Park and some eastern portions to Old Kimbro Road. While that design was in progress, information was presented that increased the proposed service area to include almost all the area east of Manor Commercial Park to Old Kimbro Road for commercial project development. The larger service area and increased wastewater flows will necessitate the following system enhancements: extension of new wastewater line segments, Carriage Hills lift station improvements with increased pumping capacity, and upsizing of the existing wastewater gravity line upstream and downstream of the Carriage Hills Lift station to adequately convey proposed wastewater flows. The levels of service for this area will increase from 1,170 LUEs and 443 Acres to 1,781 LUEs and 616 Acres.

Under this Amendment, GBA will provide Professional Engineering preliminary engineering, final design, permitting, bidding, and construction phase services for installing a wastewater collection system to serve the area of Manor Commercial Park and the area east to Old Kimbro Road. These additional improvements include the design of approximately 6,000 linear feet (LF) of 12-inch diameter gravity sewer main, 16 manholes, additional upgrades to the Carriage Hills Lift Station, upsizing approximately 400LF of 12-inch diameter gravity sewer main to 15-inch, upsizing approximately 3,000LF of 15-inch diameter gravity sewer main to 18-inch.

Additional Easements are also required for the installation of the gravity sewer line, that crosses five property parcels. Five additional wastewater and temporary construction easements are needed, and approximately 9,500 LF of additional surveying is required to survey the contemplated line extension and line oversizing assignments.

B. SCOPE OF SERVICES

Under Statement of Work Amendment No. 7, Amendment No. 1, George Butler and Associates, Inc. will provide redesigns of Lift Station #5 capacity, including new site layout, electrical service, pumps, and upsizing of the existing gravity sewer line to service the proposed additional service area and LUEs in the system.

C. BASIS OF COMPENSATION

The total compensation for this amendment shall be on a lump sum basis as follows:

1 - Preliminary Engineering:	\$24,430.00
2 - Additional Surveying: Topographic Surveying	\$32,200.00
Easement Descriptions and Exhibits	\$28,290.00
3 - Construction Documents Phase:	\$51,280.00
4 - Permitting Phase:	\$7,070.00
5 - Bidding Phase:	\$5,860.00
6 – Construction Phase:	\$32,500.00

Total: \$181,630

The City shall make payments to the Engineer on a monthly billing basis in accordance with the original Proposal.

APPROVED:

CITY OF MANOR, TEXAS

By: _____

Title: _____

ACCEPTED:

GEORGE BUTLER AND ASSOCIATES, INC.

By: Frank T. Phelan

Title: Senior Associate