

***CORRECTIVE ACTION
(QUARTERLY PROGRESS REPORT)***

FOR

SANITARY SEWER COLLECTION SYSTEM

TO SERVE THE

***CITY OF YELLVILLE
MARION COUNTY, ARKANSAS***

JUNE 2020



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ENGINEERING SERVICES, INC.

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TABLE OF CONTENTS

1. GENERAL OVERVIEW

Introduction..... 1-1

2. MILESTONE SCHEDULE

Recommended Schedule..... 2-1

Progress Report Schedule 2-2

3. CORRECTIVE ACTION PROGRESS

Visual Inspection of Manholes in Select Locations..... 3-1

Smoke Testing 3-1

Closed Circuit Televising 3-1

Develop Mitigation Plan..... 3-1

Prepare/Submit Preliminary Engineering Report to WWAC 3-1

Prepare/Submit Environmental Report..... 3-1

Prepare/Submit Funding Application 3-1

Prepare/Submit Draft Plans and Specifications 3-1

Prepare/Submit Final Plans and Specifications 3-1

Advertise for Bids 3-2

Open Bids..... 3-2

Award Contract..... 3-2

Start of Construction 3-2

End of Construction 3-2

APPENDICES

Community Development Block Grant Funding ApplicationA

1. GENERAL OVERVIEW

INTRODUCTION

In February of 2019, Engineering Services, Inc. prepared a Corrective Action Plan (CAP) on behalf of The City of Yellville. The purpose of the CAP was to create a plan for evaluating the sanitary sewer system with the ultimate goal of the evaluation being recommendations for improvements to the existing sanitary sewer collection system to mitigate system defects that result in sanitary sewer overflows (SSOs). The CAP was prepared at the request of the Water Division Enforcement Branch of the Arkansas Department of Environmental Quality (ADEQ). This request was made by ADEQ due to a series of SSOs as documented in its letter dated January 23, 2019. A copy of this letter was previously included under Appendix A of the CAP.

The CAP provided an assessment of the likely causes of the effluent violations, set out detailed corrective actions for the City to perform in order to evaluate the sanitary sewer collection system, and established a milestone schedule for the evaluation of the system with a reasonable expected date of final compliance.

This Quarterly Report serves to provide ADEQ with an update regarding progress made toward the goals set out in the CAP.

2. MILESTONE SCHEDULE

RECOMMENDED SCHEDULE

The recommended milestone schedule as set out in the CAP is shown in the following table.

Table 4.1
Original Milestone Schedule

| Task | Target Completion Date |
|---|-------------------------------|
| Visual Inspection of Manholes in Select Locations | March 2019 |
| Smoke Testing | June 2019 |
| Closed Circuit Televising | August 2019 |
| Develop Mitigation Plan | October 2019 |
| Prepare/Submit Preliminary Engineering Report to WWAC | November 2019 |
| Prepare/Submit Environmental Report | January 2020 |
| Prepare/Submit Funding Application | January 2020 |
| Prepare/Submit Draft Plans and Specifications | February 2020 |
| Prepare/Submit Final Plans and Specifications | March 2020 |
| Advertise for Bids | April 2020 |
| Open Bids | May 2020 |
| Award Contract | June 2020 |
| Start of Construction | June 2020 |
| End of Construction | March 2021 |

Due to funding program deadlines (CDBG Funding Applications will not be processed until after submittal deadline of March 2020), the original milestone schedule has been modified as shown below in Table 4.2.

Table 4.2
Revised Milestone Schedule

| Task | Target Completion Date |
|---|-------------------------------|
| Visual Inspection of Manholes in Select Locations | March 2019 |
| Smoke Testing | June 2019 |
| Closed Circuit Televising | August 2019 |
| Develop Mitigation Plan | October 2019 |
| Prepare/Submit Preliminary Engineering Report to WWAC | November 2019 |
| Prepare/Submit Environmental Report | January 2020 |
| Prepare/Submit Funding Application | March 2020 |
| Prepare/Submit Draft Plans and Specifications | August 2020 |
| Prepare/Submit Final Plans and Specifications | September 2020 |
| Advertise for Bids | October 2020 |
| Open Bids | November 2020 |
| Award Contract | December 2020 |
| Start of Construction | January 2021 |
| End of Construction | September 2021 |

PROGRESS REPORT SCHEDULE

The quarterly progress reports shall be submitted to ADEQ in accordance with the schedule set forth below.

Table 4.3
Progress Report Schedule

| Quarterly Report | Submittal Date |
|-------------------------|-----------------------|
| 1 st Quarter | December 15, 2019 |
| 2 nd Quarter | March 15, 2020 |
| 3 rd Quarter | June 15, 2020 |
| 4 th Quarter | September 15, 2020 |

Additional reports, as required, will be submitted by the 15th of the subsequent months of December, March, June, and September.

3. CORRECTIVE ACTION PROGRESS

VISUAL INSPECTION OF MANHOLES IN SELECT LOCATIONS

Completed, see December 15, 2019 quarterly report.

SMOKE TESTING

Completed, see December 15, 2019 quarterly report.

CLOSED CIRCUIT TELEVISION

Completed, see December 15, 2019 quarterly report.

DEVELOPMENT OF MITIGATION PLAN

Completed, see December 15, 2019 quarterly report.

PREPARE/SUBMIT PRELIMINARY ENGINEERING REPORT TO WWAC

Completed, see December 15, 2019 quarterly report.

PREPARE/SUBMIT ENVIRONMENTAL REPORT

Preparation of the Environmental Report for Phase II of the project has begun. Once completed, this report will be submitted as a part of the funding application for Phase II of the proposed project. The initial phase of the project will be funded exclusively through the Community Development Block Grant program administered through Arkansas Economic Development Commission which does not require submission of a separate environmental report. Funding for the project through the CDBG program was not issued during the 2020 cycle.

PREPARE/SUBMIT FUNDING APPLICATION

The Community Development Block Grant funding application for wastewater improvements was completed and submitted to the Arkansas Economic Development Commission on March 12, 2020. Funding for the project through the CDBG program was not issued during the 2020 cycle. A copy of the funding application was previously included under Appendix A of the March 2020 quarterly report.

PREPARE/SUBMIT DRAFT PLANS AND SPECIFICATIONS

Preparation of Draft Plans and Specifications has not yet begun. This task will begin once project funding has been procured.

PREPARE/SUBMIT FINAL PLANS AND SPECIFICATIONS

Preparation of Final Plans and Specifications has not yet begun. This task will begin once agency review of the Draft Plans and Specifications has been completed.

ADVERTISE FOR BIDS

Advertisement for Bids for the proposed project has not yet occurred. This task will be initiated once agency approval of the Final Plans and Specifications has been issued.

OPEN BIDS

Bids for the project will be opened approximately 30 days after the Advertisement for Bids has been published.

AWARD CONSTRUCTION CONTRACT

The Construction Contract will be awarded approximately 30 days after the Bids have been opened.

START OF CONSTRUCTION

Construction will begin near the time the Contract has been awarded.

END OF CONSTRUCTION

Construction will be completed approximately nine months after the beginning of construction.