

# Addendum #1



## Capital Project Committee

### Project Information

Project Name:	12th Street Storm Outfall: Phase 1A - Water and Sanitary Relocations
Bid Number:	FD20-07-114
Date:	July 23, 2020
Project Manager:	Andrew T. Fisher

### Addendum Items

Item 1:	<p>"Section II.C - Minimum Qualifications of the Offeror" of the RFP shall be fully removed and replaced with the following:</p> <p>To be considered responsive, all proposals MUST, at a minimum, include the following information:</p> <ul style="list-style-type: none"><li>- References for a minimum of three (3) relevant similar projects completed within the last <b>10</b> years, with key project individuals' roles described; including owner contact name, email, and telephone number.</li><li>- At least <b>one</b> of these projects must have been completed in the State of Colorado, with demonstrated completion of associated CDPHE permitting.</li><li>- At least two other projects must be design of a sanitary interceptor with a minimum of <b>21"</b> diameter.</li><li>- A project resolving a vertical drop of greater than two feet in a sanitary line of a minimum of 20" in diameter is <b>preferred</b> but not required.</li><li>- The project manager must have at least 10 years of experience in similar major sanitary sewer design projects. The project manager must be located within 100 miles of the project.</li><li>- An ability to complete the project scope and tasks in a timely and acceptable manner.</li><li>- An understanding of the project and approach to accomplish project goals and objectives.</li></ul>
Item 2:	<p>The RFP and Pre-proposal Presentation cited CDPHE Regulation 22.7 for compliance. CDPHE revised "REGULATION NO. 22 - SITE LOCATION AND DESIGN REGULATIONS FOR DOMESTIC WASTEWATER TREATMENT WORKS" as of June 14, 2020. The correct applicable section is now Regulation 22.8 - SITE LOCATION APPLICATION PROCEDURES FOR INTERCEPTORS AND CERTIFICATION PROCEDURES FOR ELIGIBLE INTERCEPTOR SEWERS of 5 CCR 1002-22. The consultant shall identify any other applicable regulations.</p> <p><a href="https://www.sos.state.co.us/CCR/GenerateRulePdf.do?ruleVersionId=8775&amp;fileName=5%20CCR%201002-22">https://www.sos.state.co.us/CCR/GenerateRulePdf.do?ruleVersionId=8775&amp;fileName=5%20CCR%201002-22</a></p>
Item 3:	<p>A question was asked at the pre-proposal conference regarding the Project Schedule dictating completion of Existing Data Review by November 2020 as it relates to the City's completion of the Wastewater Collections Master Plan. The completion of the Master Plan is expected by November 2020, but preliminary results and a preliminary INFOSWMM model will likely be produced by the end of September 2020.</p>
Item 4:	<p>A question was asked about the flexibility of the proposal due date. At this time, the proposal due date will remain Friday, August 7 at 2pm.</p>
Item 5:	<p>The Preproposal conference Powerpoint slideshow pdf is uploaded with this Addendum.</p>
Item 6:	<p>A question was asked at the pre-proposal conference regarding acquisition of King Surveyors' survey completed in the Preliminary Design to inform what additional survey will be required. This documentation will be provided no later than the Final Addendum.</p>
Item 7:	<p>Consultants are reminded that the Inquiry Deadline is Monday, July 27 at 3pm, and all inquiries must be directed to Doug Clapp at <a href="mailto:Doug.Clapp@Greeleygov.com">Doug.Clapp@Greeleygov.com</a></p>

# **12th Street Storm Outfall: Phase 1A – Water and Sanitary Relocations #FD20-07-114**

Pre-Proposal Conference (via ZOOM)  
July 23, 2020: 9:30 A.M



# Agenda

- Project Team
- Project Background
- Project Overview and Goals
- Scope of Services
- Consultant Selection Schedule
- Preliminary Project Schedule
- Questions

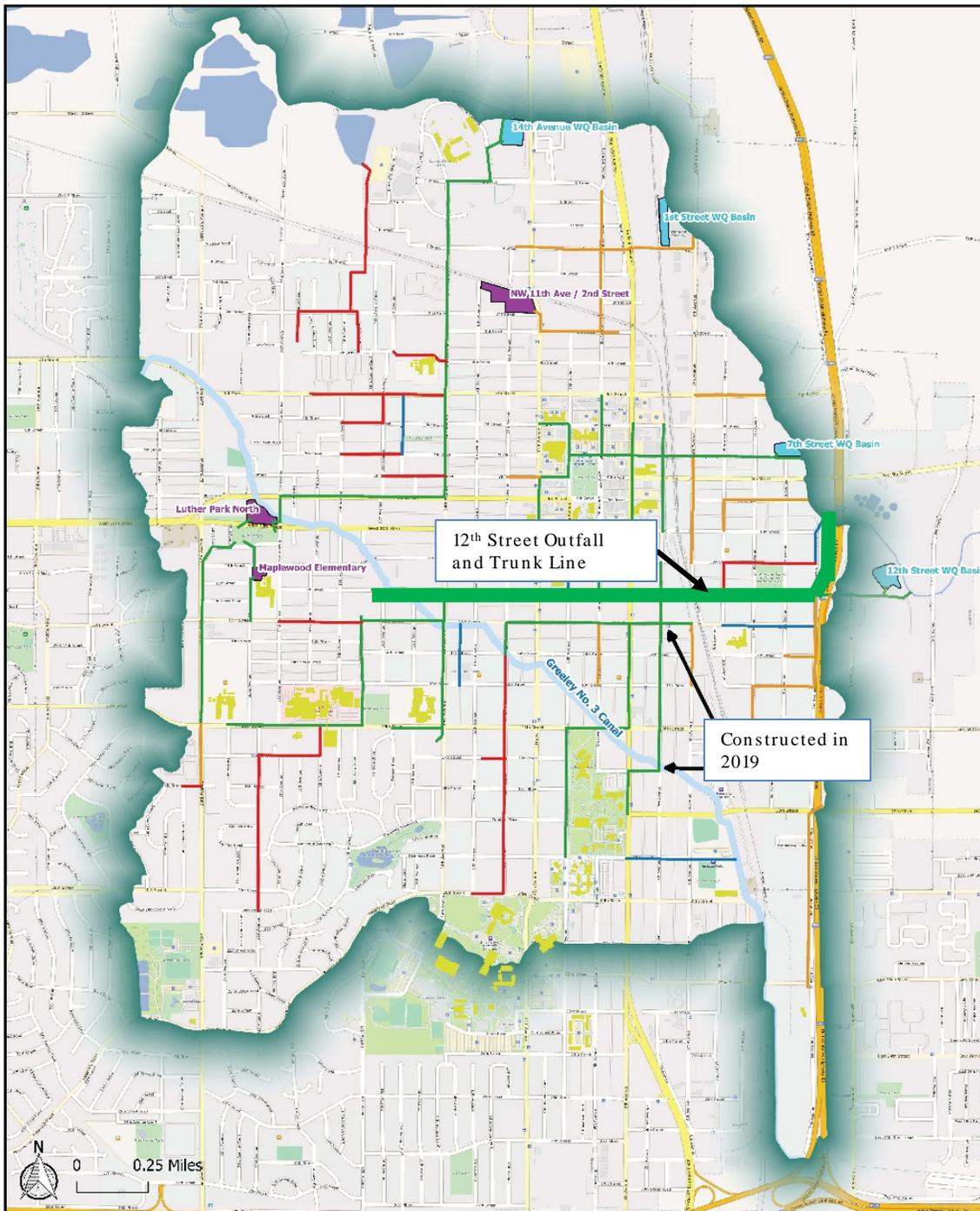
# Project Team

- Andrew T. Fisher, Project Manager
  - Public Works, Stormwater Management Division
- Personnel TBD
  - Water and Sewer Department
- Design Consultant TBD
- Contractor TBD

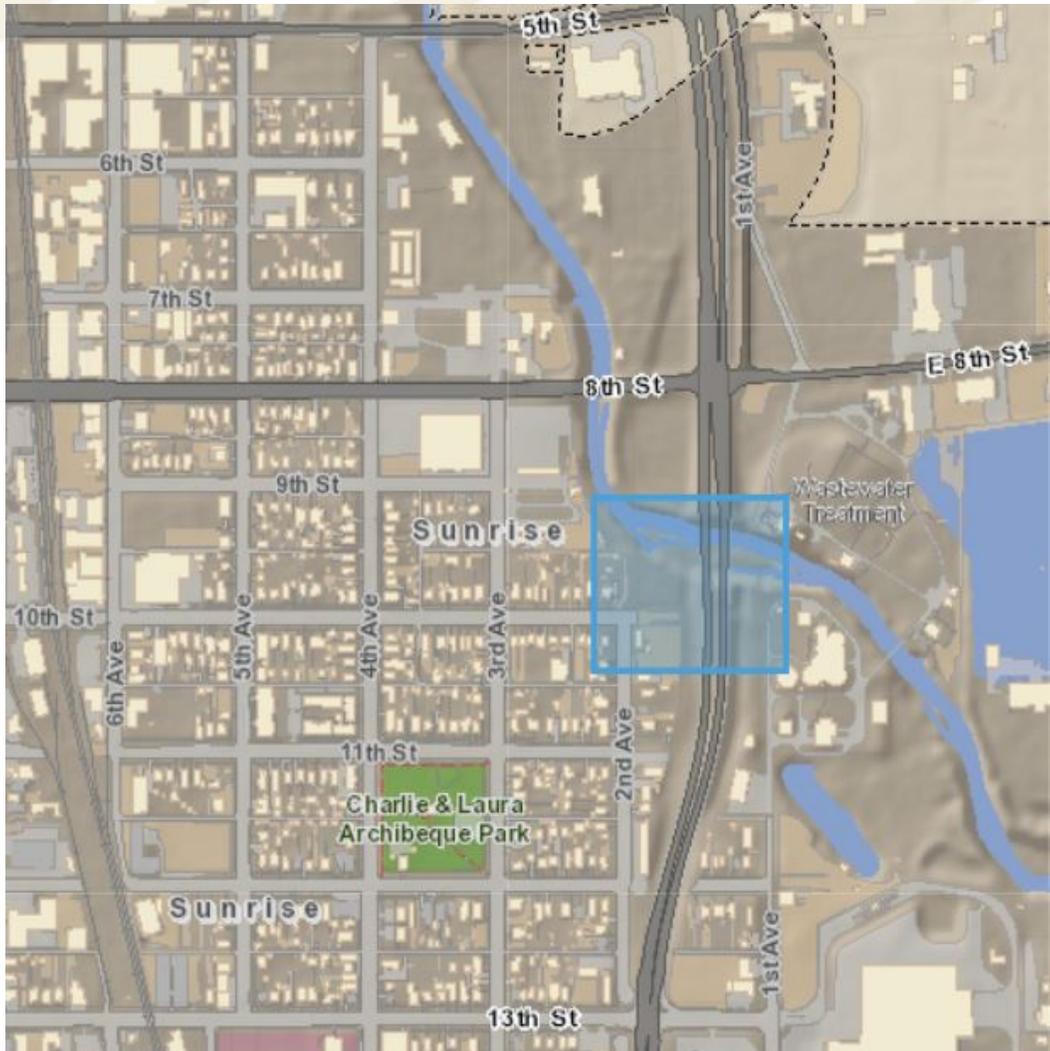


# Project Background

- Downtown Storm Drainage Master Plan (2017)
- Preliminary Design - 12<sup>th</sup> Street Outfall/Trunk Line (2019)



# Project Background



- Project Area
  - Highway 85 Bypass
  - Cache la Poudre River
  - 1<sup>st</sup> Avenue Wastewater Plant Expansion
  - Single Family Residential to west and south

# Project Background



- Preliminary Design of 12<sup>th</sup> Street Identified Vertical Conflicts with Sanitary and Water
- Preliminary Design Produced One Solution



# Project Overview

Provide Final Design for Relocation of:

- At least 550 LF of two 27” Sanitary Interceptors
- At least 550 LF of one 24” Sanitary Interceptor
- At least 550 LF of one 8” Water distribution

Abandonment of:

- 1000 LF 18” Sanitary Collector

Final Design of:

- New Sanitary junction manhole at 1<sup>st</sup> Ave Wastewater Plant
- Structure to combine sanitary interceptors and introduce ~4’ vertical drop
- Scope of Bypass Pumping TBD with Final Design

**NO Stormwater Design**

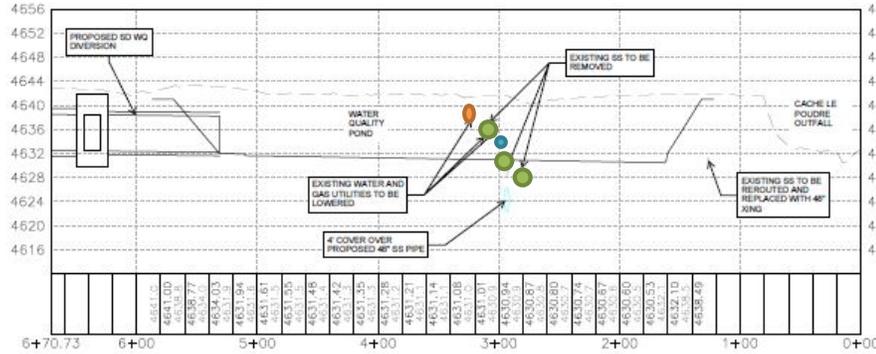
- *Inside drop manholes not preferred.*
- *Outside drop manholes not acceptable*



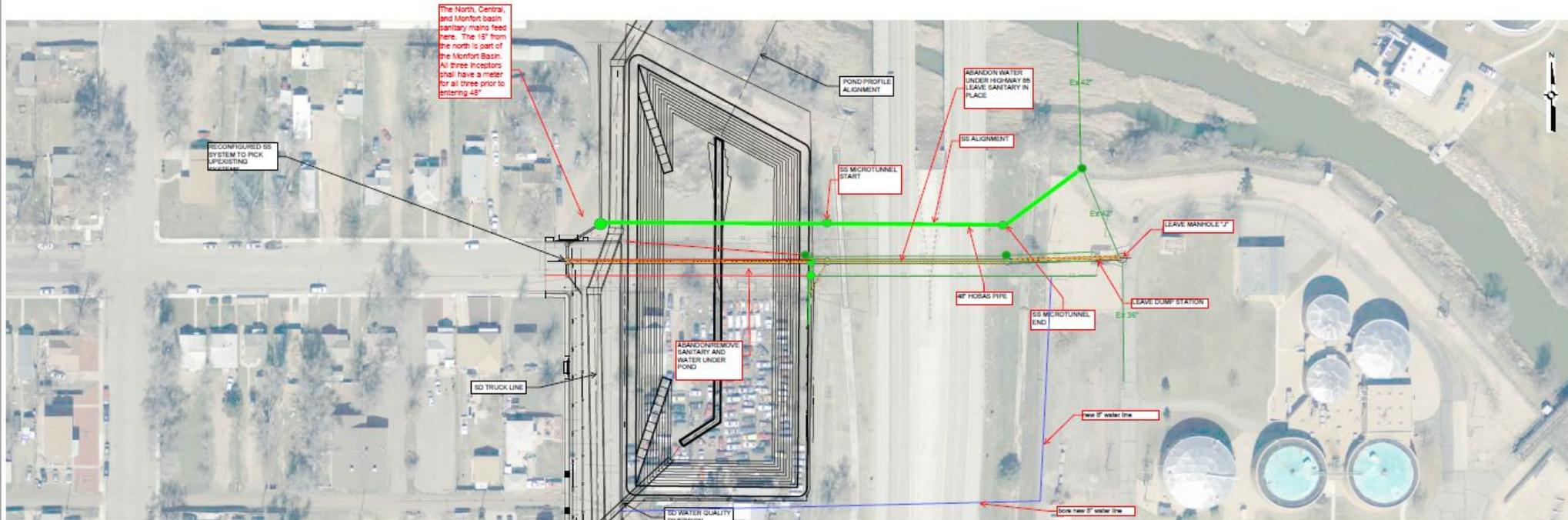
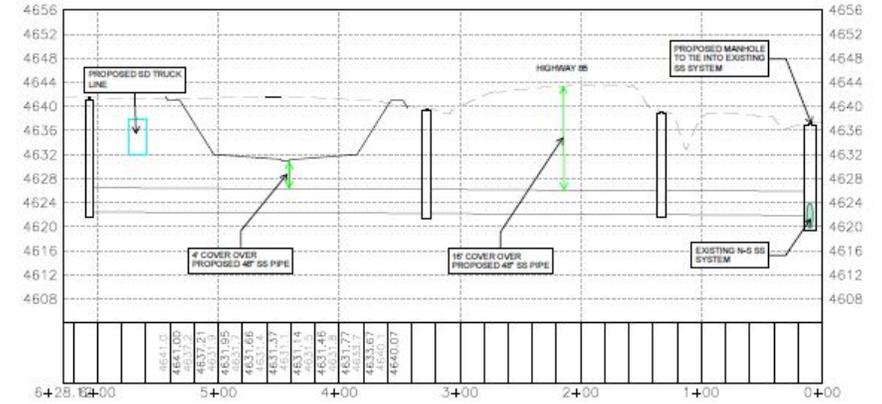
# Project Overview

## Preliminary Design Plan and Profile

Alignment – Pond PROFILE



Alignment – 48 SS pipe 2 PROFILE

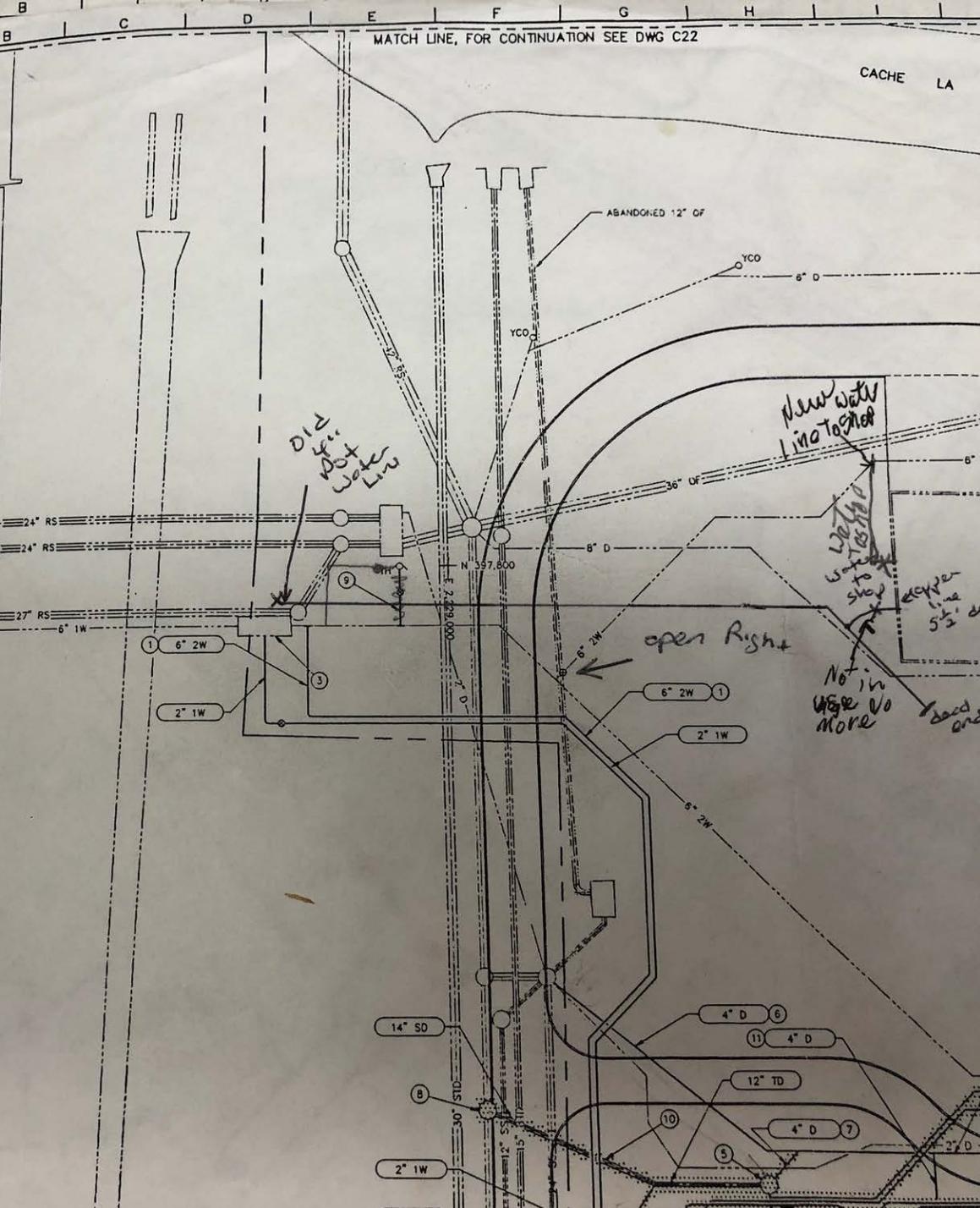


# Project Overview

## Work Completed to Date:

- Preliminary Design Plan and Profile (HDR)
- Geotechnical Data Report (Lithos)
- Partial ground and utility survey (King Surveyors)
- Cost Estimate and Tunnel Selection of HOBAS Pipe installed by MicroTunnel (Lithos)
- Groundwater monitoring (April-August 2019)
- Wastewater Collections Master Plan, to be completed in 2020 (CDM Smith)
- Video inspection of sanitary system
- Phase I ESA (ERO)





# Project Overview

Other expectations:

- Meet at least once per month with City Team, with additional meetings as needed.
- All meetings shall be remote conference call.
- Frequent, honest and straightforward communication
- Written response to all review comments
- Team must be able to provide feasible, economic and constructible plans
- Three weeks for City comments



# Challenges

- City has relocated planned storm trunk line to CDOT ROW along Highway 85. Design of Storm Trunk line (Phase 1B) to be started in 2021.  
Coordination will be required
- Project alters 3 of 7 sanitary interceptors
- Design must incorporate 4' vertical drop in three sanitary interceptors in residential area.
- CDOT and CDPHE Approval



# Project Goals

## WATER AND SEWER

1. Ensure final design complies with recommendations from 2020 Wastewater Collections Master Plan
2. Minimize O&M Issues
3. Replace Interceptor Flow Gauges
4. Maintain sanitary bypass options with use of existing interceptors under Highway 85.
5. Minimize construction impact to 1st Avenue Wastewater Treatment Plant Expansion.

## STORMWATER

1. Minimize risk and potential conflicts with 12th Street Outfall Phase 1B
2. Produce a constructible plan set that is cost effective.



# SCOPE OF SERVICES

## 1. General Design Services

- a. Project Management and Coordination.
- b. Progress meetings
- c. Quality Assurance/Quality Control.
- d. Review of Existing Information and Field Reconnaissance
- e. Complete Sub-surface Utility Engineering (SUE) Services.
- f. Conduct ground survey.

*Geotechnical Data Report and some utility and ground survey completed with Preliminary Design*



# SCOPE OF SERVICES

## 2. Alternatives Analysis

- a. Sanitary Sewer Relocations (3 Alternatives Minimum).
- b. Water Distribution Relocation (2 Alternatives Minimum)
- c. Detailed Alternatives Analysis Report
- d. Facilitation of Selection of Alternative in Conjunction with City Personnel

*Preliminary Design completed in 2019. Preferred Alternative still required.*



# SCOPE OF SERVICES

## 3. FIR (50%) Design

- a. Hydraulic Design
- b. Utility Conflict Identification and Coordination
- c. 50% Design Drawings
- d. 50% Opinion of Probable Cost

*Evaluate constructability of preferred alternative.  
Identify utility and permit coordination items.*



# SCOPE OF SERVICES

## 4. FOR (90%) and Final Design

- a. 90% Design Report
- b. 90% Design Drawings
- c. 90% Opinion of Probable Cost
- d. 90% Technical Specifications
- e. Final Design Report
- f. Bid Set Design Drawings
- g. Bid Set Opinion of Probable Cost
- h. Bid Set Technical Specification
- i. Bid Set Special Provisions

# SCOPE OF SERVICES

## 5. Approvals and Permits

- a. Design Approvals – procured by City Team
- b. Construction Permits – Construction Contractor
- c. The Consultant shall provide all exhibits required to secure any necessary permits.
  - CDOT Utility Permit
  - City Floodplain Development Permit
  - City of Greeley Right-of Way.
  - CDPHE Regulation 22.7 Compliance



# SCOPE OF SERVICES

## 6. Construction Services

a. Not Within Scope of this Contract



# SCOPE OF SERVICES

## 7. Schedule of Deliverables

- a. Sub-Surface Utility Engineering Report
- b. Alternatives Analysis Report
- c. 50% Construction Plans
- d. Final Design Report
- e. 90% Construction Plans
- f. 100% Bid Set Documents
- g. Engineer's Opinion of Probable Cost (50%, 90%, Bid Set)
- h. Bid Tabulation
- i. Technical Design files – Mapping and Hydraulic Modeling Files

# Consultant Selection Schedule

Schedule of Events (subject to change)	All times are given in local Colorado time
RFP Issued	July 13, 2020
Pre-Proposal Conference	July 23, 9:30am Via Zoom Conference
Inquiry Deadline	July 27, 3:00pm - Monday
Final Addendum Issued	July 30, close of business - Thursday
Proposal Due Date and Time	August 7, before 2:00pm - Friday
Interviews (tentative)	August 31 - Monday
Notice of Award (tentative)	September 3





# Preliminary Project Schedule

- The City desires that the project follow the schedule below:
  - Date of Notice-to-Proceed – 9/3/2020
  - Information Gathering, Review – 9/3/2020 – 11/1/2020
  - Alternatives Analysis – 11/1/2020-1/31/2021
  - FIR (50%) Design Submittal – 3/31/2021
  - FOR (90%) Design Submittal – 6/30/2021
  - Bid Package Submittal – 10/31/2021
  - Construction Bidding/Award – 2022
- Construction Services are not a part of this contract.



# Request for Qualifications/Proposal

- Response Format – See Section V
  - Page limit is 18.
- The City is using a Qualification Based Selection process for professional services
- Please include a discussion of fees in the proposal
- Evaluation and Award – See Section VI
- Minimum Qualifications
  - Three similar projects last 5 years
  - Project with >2ft vertical drop in 20” or greater sanitary
  - PM with 10 years experience



# Request for Qualifications/Proposal

## CRITERIA SCORING:

<u>Criteria</u>	<u>Points</u>
SOQ	
Related experience	20
Results of previous projects	10
Evaluation of the qualifications of assigned personnel	15
Firm management to include QA/QC program, budget/cost control	5
Proposal	
Understanding of the project requirements, project approach	30
Familiarity with the local area	5
Firm's history and resource capacity to meet schedule	5
Firm's proposed cost of services	10
<u>Total</u>	<u>100</u>



# Questions

Send to Purchasing:

**#FD20-07-114**

[Doug.Clapp@greeleygov.com](mailto:Doug.Clapp@greeleygov.com)

970-350-9792

Inquiry Deadline: July 27, 3pm

Final Addendum: July 30

Proposals Due: August 7, 2pm

