

GA Hwy 74 and GA Hwy 54 Rehabilitation

SPECIFICATIONS

**GA Hwy 74 & GA Hwy 54 8" Gravity Sewer & Manhole
Rehabilitation**

RFP PN-20221101

**Peachtree City Water and Sewer Authority
John M. Gronner, Administration Facility**

GA Hwy 74 and GA Hwy 54 Rehabilitation

SPECIFICATIONS

PART 1 – GENERAL

1.0 GENERAL

All of the general provisions of this RFP Document, including General Terms and Conditions, Special Terms and Conditions, Request for Proposal letter, Proposal Response Forms, and Deviation Form apply to the work of this section.

1.01 SCHEDULE

- A. The work shall be substantially complete within 60 calendar days from the notice to proceed.
- B. A mandatory pre-proposal meeting will be held at 3:00 p.m. on Wednesday November 30, 2022, at the PCWASA Administration Facility at 1127 Hwy 74 S. Peachtree City, GA 30269.

1.02 EXCLUSIONS

A. All other 8" gravity lines that are shown on any provided maps are not included in this rehabilitation work.

1.03 SELECTIVE DEMOLITION

A. The existing standard iron manhole ring and covers indicated on the provided map shall be removed and replaced with equal composite ring and covers.

1.04 DISPOSAL OF DEMOLISHED MATERIALS

A. General

- 1. The contractor shall dispose of all removed material.

B. Disposal

- 1. Transport demolished materials off owner's property and legally disposes of them.
- 2. Owner's disposal containers shall not be used for disposal of demolished materials.
- 3. Storage or sale of removed items or materials on site will not be permitted.
- 4. Protect walls, ceilings, floors, doors, and other existing finish work that are to remain and are exposed during selective demolition operations.
- 5. Promptly patch and repair holes and damaged surfaces caused by selective demolition operations.

1.05 EXAMINATION

A. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.

1.06 SECTION INCLUDES

1.07 RELATED WORK

A. Related Sections: The following sections contain requirements that relate to this section.

GA Hwy 74 and GA Hwy 54 Rehabilitation

SPECIFICATIONS

1.08 SUBMITTALS

A. Contractor shall submit Shop Drawings and samples to the Authority for review and approval. Each submittal will be identified as the Authority may require.

1. Data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show the Authority the services, materials, and material Contractor proposes to provide.
2. The Authority will provide timely review of Shop Drawings and samples to ensure the proposed material will conform to the RFP documents.

B. Contractor shall also submit Samples to the Authority for review and approval

1. Clearly identify each Sample as to material, supplies, pertinent data such as catalog numbers, the use for which intended and other data as the Authority may require enabling the Authority to review the submittal.

1.09 QUALITY ASSURANCE

A. Installer Qualifications: Engage an experienced Installer who has successfully completed rehabilitation of sanitary sewer gravity lines and manholes with similar material, design, and extent to those indicated for this Project and with a record of successful performance.

B. Coordination of work: Coordinate any necessary layout and installation rehabilitation of the rehabilitation components with the PCWASA. A GA DOT GUPS permit will be required for this work and will be submitted by the Authority prior to the work.

1.10 DELIVERY, STORAGE, AND HANDLING

A. Deliver all material to a site as directed by the Authority as coordinated with the city of Peachtree City and/or GA DOT. Do not proceed until all components have been delivered.

1.11 JOB CONDITIONS

A. Installation of all material will occur during normal working hours (8 am – 5 pm) and will require coordination for each part of the work.

1. Peak Flow Periods – These gravity line currently serve several food service establishments and do contribute a higher flow at times during a normal day. This may require some modifications to the normal working times.
2. Traffic – The location of the work is at the intersection of two main thoroughfares in PTC and traffic may be influenced as a result of this work. A traffic control plan should be included in the formal submittal of the RFP.
 - a. Contractor shall furnish all materials, equipment and labor for the installation and continuous maintenance of traffic control devices throughout the project.
 - b. This item of work shall include furnishing, installing, maintaining, relocating and removing all traffic control devices used to regulate,

GA Hwy 74 and GA Hwy 54 Rehabilitation

SPECIFICATIONS

- warn or direct traffic and pedestrians, if necessary, through the construction work zone.
- c. Upon completion of work, warning devices are to be removed by the contractor.
 - d. Work Locations – The proposed work location are PCWASA facilities; line segments-4513, 4502, & 1505. The manholes for rehabilitation are MH 5581, MH 5377, MH 40, MH 44, & MH 46.

1.12 EXTRA MATERIALS - N/A

PART 2 – PRODUCTS

2.01 MANUFACTURERS

A. Products: Subject to compliance with requirements, provide the following:

1. Replacement Pipe – The new pipe shall be a type consistent with rehabilitation of gravity sanitary sewer pipe and can include High Density Polyurethane Pipe (HDPE) or Polyvinyl Chloride Pipe (PVC) or a combination there of.
2. Manhole Rehabilitation – The rehabilitation of manholes that are a part of this project shall be done with an approved rehabilitation material and practice
3. Composite Manhole Ring and Covers – Provide EJ Composite Manhole Covers and Frames <https://www.ejco.com> or CAP Manhole Covers and Frames <https://justcapthat.com/> or an approved equal.

PART 3 – EXECUTION

3.01 INSPECTION

A. Examine the site for compliance with requirements specified in this and other sections that affect the rehabilitation of the existing sanitary sewer gravity lines and manholes.

3.02 PREPARATION

A. The Contractor shall measure distances for required lengths pipe and other material for each section of the work. Sufficient wire shall be provided for the controls that will accommodate future maintenance, addition, or subtraction to the controls. The Contractor shall prepare all sites that will require installation of the proposed material to minimize disruption to normal activities or damage to existing facilities.

3.03 INSTALLATION

A. General: Rehabilitate existing 8” gravity lines by inserting new pipe material, HDPE pipe or PVC by inserting in existing casing and pulling through. And/or providing a new pipe line via Jack and Bore operations.

B. Rehabilitation of Existing Manholes: Rehab all manholes that have been called out by installation of a cementitious product or an epoxy liner system.

GA Hwy 74 and GA Hwy 54 Rehabilitation

SPECIFICATIONS

3.04 CLEANING AND ADJUSTING

In addition to the standards described in this Section, comply with all pertinent requirements of governmental agencies having Jurisdiction.

1. The Contractor shall handle hazardous waste and materials in accordance with applicable local, state, and federal regulations. Waste shall also be disposed of in approved landfills as applicable.
2. Burning or burying rubbish and waste materials on the site shall not be allowed.
3. Disposal of hazardous wastes or materials into sanitary or storm sewers shall not be allowed.
4. Unless otherwise shown on the Drawings, specified or directed, the Contractor shall legally dispose off the site all surplus materials and equipment from demolition and shall provide suitable off-site disposal site, or utilize a site designated by the Owner.
5. At least each week, and more often if necessary, completely remove all scrap, debris and waste material from the job site.
6. Hose down all paved areas on the site and all public sidewalks directly adjacent to the site; rake clean other surfaces of the grounds. Completely remove all resultant debris.
7. Cleanup all evidence of temporary construction facilities, haul roads, work areas, structures, foundations of temporary structures, stockpiles of excess or waste materials, or any other evidence of construction, as directed by the Engineer.

End of Section

GA Hwy 74 and GA Hwy 54 Rehabilitation

SPECIFICATIONS

GA Hwy 74 and GA Hwy 54 Rehabilitation

SPECIFICATIONS Attachment A REQUEST FOR PROPOSAL ACKNOWLEDGEMENT

RFP DATE: November 7, 2022
RFP NUMBER: PN-20221107
RFP TITLE: Peachtree City Water and Sewer Authority – Gravity Sewer Main Rehabilitation

Proposals must be received no later than Wednesday December 21, 2022, 5:00 p.m.

Contractor name: _____ Telephone: _____

Contractor mailing address: _____ Fax: _____

Representative: _____

Email address: _____

Web address: _____

NON-DISCRIMINATION

Contractors and subcontractors may not discriminate against any employee or applicant for employment, to be employed in the performance of this contract with the respect to hiring, tenure, terms, conditions or privileges of employment because of race, color, religion, national origin, or ancestry, or because of age, handicap or sex, except where based on bona fide occupational qualifications.

NON-COLLUSION

I certify that this proposal is made without prior understanding, agreement or connection with any corporation, firm or person submitting a bid for the same materials, supplies or material and is in all respects fair and without collusion or fraud. I understand that collusive bidding is a violation of State and Federal law and can result in fines, prison sentences and civil damage awards. I agree to abide by all conditions of this bid (proposal), and certify that I am authorized to sign this proposal for offeror (O.C.G.A. 50-5-67). I further certify that the provisions of the Official Code of Georgia Annotated 45-10-20 et. seq. have not and will not be violated in any respect.

Authorized Signature

Authorized Signature & Title (Typed or Printed)

STATEMENT OF NO BID

Please provide a brief statement explaining bidder's reason for "no bid."

The signed bidder certifies that he or she has received the invitation for bid document and wishes to submit no bid.

Authorized Signature

Authorized Signature & Title (Typed or Printed)

GA Hwy 74 and GA Hwy 54 Rehabilitation

SPECIFICATIONS

ATTACHMENT B

Contractor Name _____ Date: _____

I certify that the proposal submitted conforms to the requirements of the written specifications and any addenda concerning this project.

Contractor acknowledges addenda (if applicable) No. 1 __ No. 2 __ No. 3 __

Authorized Signature

Contractor has submitted proposals for:

Hwy 74 & Hwy 54 Pipe Rehabilitation

Materials: \$ _____

Labor: \$ _____

Other: \$ _____

TOTAL COST: \$ _____

Proposal attachments:

- Proposal per specifications
- Proposal with deviations—Deviation Form (if applicable)
- Certificate of insurance
- Bid bond or cashiers check
- Acknowledgement Form

GA Hwy 74 and GA Hwy 54 Rehabilitation

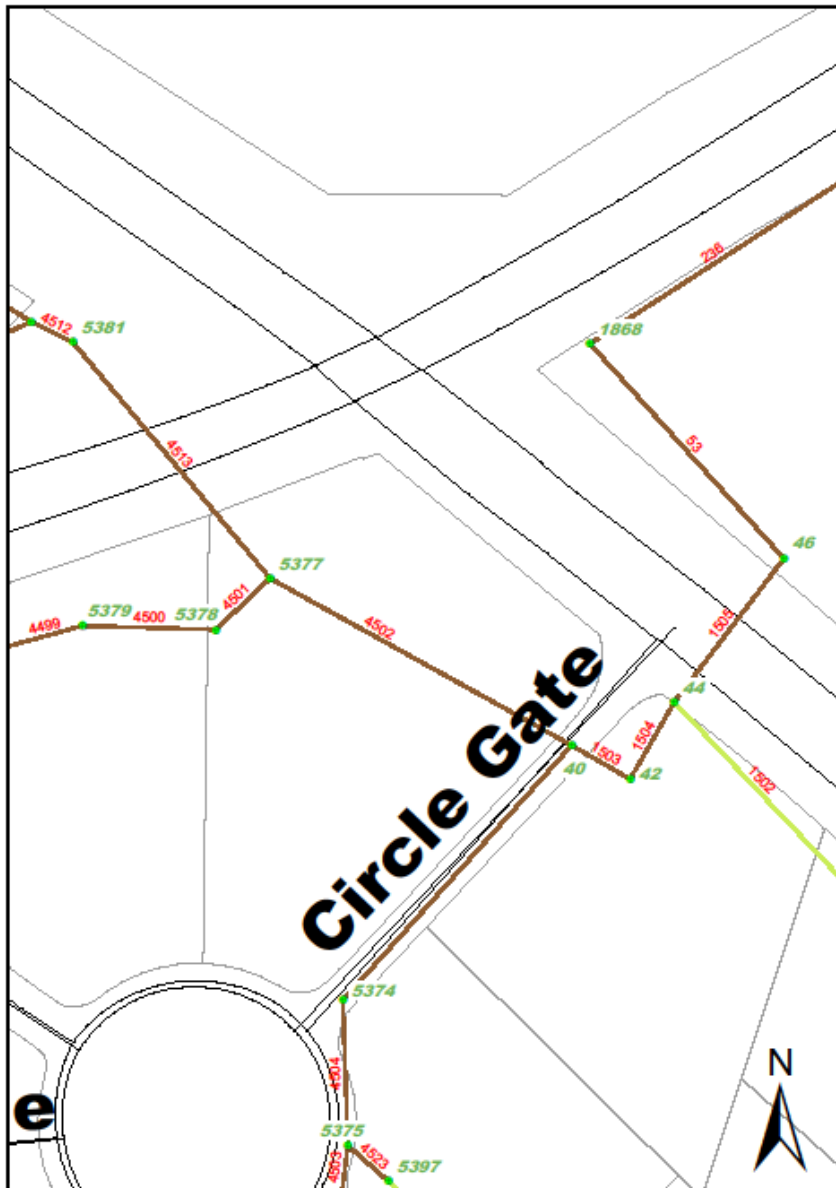
SPECIFICATIONS

SUMMARY OF WORK

Gravity lines for Rehabilitation –

- Line segments 4513, 4502, 1505
- Manholes 5381, 5377, 40, 44, 46

GA Hwy 74 & GA Hwy 54



GA Hwy 74 and GA Hwy 54 Rehabilitation

SPECIFICATIONS