

The University of North Carolina at Charlotte
Planning, Design, and Construction
Facilities Management 2nd Floor
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Charlotte, N.C. 28223-0001
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**PROJECT: UNC Charlotte
Sanitary Sewer Repair and Replacement (South Village)
Design and Construction Administrative Services
Code 42326 Item 321**

Thank you for your interest in the subject project. This information is being provided to all firms which express an interest in the design of the project. Limit the size of your submittal document to no greater than 12½ inches in height and 9½ inches in width. **Maximum 40 pages – including standard forms, cover letters, and University issued *Submittal Cover Sheets***, but excluding the cover, tabs, separators, clear covers, blank pages, or cardstock backs. **Actual page counts will be derived from the electronic pdf submittal.** Do not include covers, blank pages, tabs, separators, etc. in your electronic submittal.

Submittals are due by 2:00pm, Tuesday, July 23, 2024.

Do not transmit any submittal information via email.

Submittals **must** include the cover sheet, Sections I and II of the Standard Form 330, the Designer's Supplemental Information Form, along with any additional information considered appropriate. Please deliver **one** copy of the submittal, along with **one** electronic copy in pdf format USB drive attached to a printed submittal at the address noted above. Hard copy should be bound together as a document and the digital submission should be assembled into a single pdf file.

All submittals will be reviewed by the University Designer Evaluation Committee. The preliminary evaluation process will be conducted in July 2024 and firms selected for interviews will be notified at that time.

Please deliver all submittals to LaKeya Hewlin at the address written above. Any questions about the project should be directed via email to Patrick Jones at pajones@charlotte.edu. Please do not contact other UNC Charlotte staff.

Sincerely,

Jeanine Bachtel
Interim Director of Project Management

The University of North Carolina at Charlotte
Sanitary Sewer Repair and Replacement (South Village)

Design Services and Construction Administrative Services
Code **42326** Item **321**

I. PROJECT DESCRIPTION

The University initiated this project after experiencing two SSO's (sanitary sewer overflows) within the last few years in the same sewer collection basin. The proposed project is for the design, permitting, and construction of sanitary sewer system R&R (repair and replacement) in the SOVI (South Village) sewer collection basin. The scope of R&R was established as part of an engineering study completed in early 2024 by Gavel & Dorn. The final engineering report will be shared with the firms that are shortlisted. This work will be completed within budget.

II. EXPECTATIONS OF THE DESIGNER

The Design team must include professionals who can demonstrate high standards of accomplishments and knowledge in the following areas:

- Demonstrated experience in design, permitting, and construction of sanitary sewer system rehabilitation and replacement
- Demonstrated ability to provide cost-effective design of sanitary sewer system rehabilitation and replacement
- Meeting North Carolina State Construction Office, UNC System, and Department of Insurance requirements and procedures
- Working with multiple user groups, committees, and University customers
- Designer must also verify that the firm is independent of any manufacturers, contractors, and suppliers.

III. SCOPE OF WORK:

This project entails replacing, rehabilitating, and relocating of deteriorated sanitary sewer and manholes. Rehabilitation methods include slip-lining, pipe bursting, and manhole lining. The sewer system is part of the University's private permitted waste collection system and discharges into Charlotte Water collection system. The University follows Charlotte Water design standards. Some of the deliverables will include GIS data, hydraulic modeling data (compatible with SewerGEMS), design calculation files, AutoCAD files, and PDF's.

The Designer shall submit combined SD/DD & CD documents (as defined in SCO manual) and estimated construction costs for University review. Designer shall also provide bidding facilitation, construction contracts, construction administration, and inspection services for the sanitary sewer rehabilitation. The Designer will confirm and comply with permitting requirements. This will include communicating with Charlotte Water and appropriate State agencies.

The Designer shall schedule meetings with designated University representatives to review each design phase of the project, to include budget and schedule.

The Designer shall submit all necessary documents, as required and if needed, for an informal North Carolina State Construction Office (SCO) review.

Some of the important design elements will be:

- Economical design prioritizing minimal maintenance and life-cycle costs

- Safety of University visitors, students, and personnel
- Protection of existing facilities throughout construction

IV. DESIGNER SELECTION CRITERIA

As detailed in the North Carolina Administrative Code (01 NCAC 30D .0303), the University's Design Selection Committee will use the following in evaluating qualifications:

- 1) Specialized or appropriate expertise in the type of project
- 2) Past performance on similar projects.
- 3) Adequate staff and expertise for the proposed project design team.
- 4) Current workload and State projects awarded.
- 5) Proposed design approach and review methodology for the project.
- 6) Recent experience with project costs and schedules.
- 7) Construction administration capabilities.
- 8) Proximity to and familiarity with the area where the project is located.
- 9) Record of successfully completed projects without major legal or technical problems.
- 10) HUB participation on the design team and/or consultants
- 11) Other factors that may be appropriate for the project

V. SCHEDULE

The design of the project will begin immediately after a contract is executed and will proceed through bidding the project in April 2025. Actual construction will be determined based on availability of materials and coordinating with University stakeholders.

VI. BUDGET

The total project budget is \$1,750,000, which includes design fees, soft costs and all associated construction costs.

This sheet is to be the cover sheet for the submittal. If the submittal is bound in a binder, this will be the top sheet visible upon opening the binder cover.

SUBMITTAL

July 23, 2024

**DESIGN SERVICES AND CONSTRUCTION
ADMINISTRATION
UNC CHARLOTTE
Sanitary Sewer Repair and Replacement (South Village)**

FIRM INFORMATION

Architectural/Engineering Firm & NC License #
Serving this Project)

Location (Headquarters & Office

**Sanitary Sewer Repair and Replacement
(South Village)
UNC CHARLOTTE**

Design Firm _____
 Contact Name _____
 Phone: _____
 Email: _____

DESIGNER’S STAFFING INFORMATION (To follow cover sheet)

Instructions: Provide information listed below regarding personnel who will be assigned to this project. One person may be assigned to more than one responsibility. Add additional sheets as necessary. In addition to this form, design firms are encouraged to submit resumes for all personnel who will work on the project. This information is important to the University and should accompany submittals. This form should be attached to your cover letter or located in the front of your submittal.

PRINCIPAL IN CHARGE

Name: _____ License # _____ Office Location _____

List of most recent North Carolina State-owned projects on which this person has participated:

Past or Current Projects	Complete %	Location	Responsibility
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

DESIGN LEADER

Name: _____ License # _____ Office Location _____

List of most recent North Carolina State-owned projects on which this person has participated:

Past or Current Projects	Complete %	Location	Responsibility
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

CONSTRUCTION ADMINISTRATOR

Name: _____ License # _____ Office Location _____

List of most recent North Carolina State-owned projects on which this person has participated:

Past or Current Projects	% Complete	Location	Responsibility
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Submitted by: _____

Signature: _____