



Upper Occoquan Service Authority

Human Resources Department

14631 Compton Road • Centreville, VA 20121

Tel. | (703) 277-2200 • Fax | (703) 266-0682 • Email | good.jobs@uosa.org

CONSTRUCTION PROJECT ENGINEER III/II/I/SENIOR

Technical Division

Construction Project Engineer III | Grade 13 | \$91,783 - \$146,854*

Construction Project Engineer II | Grade 14 | \$98,208 - \$157,133*

Construction Project Engineer I | Grade 15 | \$105,083 - \$168,133*

Senior Construction Project Engineer | Grade 16 | \$112,439- \$179,902*

Open: January 10, 2025 • **Close:** Open Until Filled

**Two positions are available; to be filled based on the candidate's qualifications.*

**DOE-Starting salary will be between minimum and midpoint in the range.*

ABOUT THE ORGANIZATION

The Upper Occoquan Service Authority (UOSA) is a regional water reclamation plant serving four jurisdictions (Fairfax County, Prince William County, City of Manassas and City of Manassas Park).

RESPONSIBILITIES

Employees in this class are responsible for engineering and skills to a variety of UOSA construction programs. Project engineering, management, and communication skills are paramount as this class will serve as the representative for very complex projects. Work assignments are broad in scope and require engineering acumen to make professional and technical decisions of appreciable difficulty. The work is performed under the general direction of the Capital Improvements Section Manager or the Director of Technical Services.

EXAMPLES OF WORK

Construction Project Engineer III

- Serves as UOSA Project Engineer on tasks associated with facilities' expansions or modifications.
- Provides technical reviews of plans, specifications and shop drawings.
- Develops technical specifications and engineered design, and reviews basis of design reports.
- Coordinates Owner and end-user input and preferences into design; documents and reports projects' progress.
- Reviews schedules, pay applications, progress photographs, change orders, work orders, field orders, requests for information, subcontracts and insurance documentation.
- Participates in permitting and regulatory efforts to obtain all necessary approvals.
- Provides input to Contractors and Consultants to solve problems and resolve technical issues.

Construction Project Engineer II

- Serves as UOSA Project Manager in overseeing tasks associated with facilities' expansions or modifications.
- Provides technical reviews of plans, specifications and shop drawings; develops technical specifications and engineered design.
- Manages Owner and end-user input and preferences in design efforts.
- Documents and reports projects' progress.
- Manages project schedules, reviews and approves pay applications, reviews progress photographs, change orders, work orders, field orders, requests for information, subcontracts and insurance documentation; manages all related permitting and regulatory efforts.
- Provides input to Contractors and Consultants to solve problems and resolve technical issues.
- Participates in and assists in coordination of projects' routine progress meetings.



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- Coordinates contractor supplied testing, training and startup; interfaces with operating Divisions to provide technical support for special projects and regulatory programs.
- Coordinates with property owners and legal counsel to obtain easements for construction projects.

Construction Project Engineer I

- Serves as UOSA Senior Project Manager in overseeing tasks associated with facilities' expansions or modifications.
- Provides technical reviews of plans, specifications and shop drawings; develops technical specifications and engineered design.
- Develops "front-end" contract documents, including the bidding documents and contract conditions.
- Manages Owner and end-user input and preferences in design efforts.
- Documents and reports projects' progress.
- Coordinates and conducts routine progress meetings involving UOSA, its engineer, and contractors.
- Manages project schedules, reviews and approves pay applications, reviews progress photographs, change orders, work orders, field orders, requests for information, subcontracts and insurance documentation; manages all related permitting and regulatory efforts.
- Provides input to Contractors and Consultants to solve problems and resolve technical issues.
- Participates in and assists in coordination of projects' routine progress meetings.
- As part of UOSA's design team, participates in the selection of design alternatives, facility layout, and equipment selection.
- Coordinates contractor supplied testing, training and startup; interfaces with operating Divisions to provide technical support for special projects and regulatory programs.
- Coordinates with property owners and legal counsel to obtain easements for construction projects.

Senior Construction Project Engineer

- Serves as UOSA's Chief Engineer in overseeing tasks associated with facilities' expansions or modifications.
- Provides technical reviews of plans, specifications and shop drawings for all projects managed by CID; develops technical specifications and engineered designs.
- Develops "front-end" contract documents, including the bidding documents and contract conditions.
- Manages Owner and end-user input and preferences in design efforts.
- Documents and reports projects' progress.
- Coordinates and conducts routine progress meetings involving UOSA, its engineers, and contractors.
- Manages project schedules, reviews and approves pay applications, reviews progress photographs, change orders, work orders, field orders, requests for information, subcontracts and insurance documentation; manages all related permitting and regulatory efforts.
- Provides input to Contractors and Consultants to solve problems and resolve technical issues.
- Participates in and assists in coordination of projects' routine progress meetings.
- As part of UOSA's design team, participates in the selection of design alternatives, facility layout, and equipment selection.
- Coordinates contractor supplied testing, training and startup; interfaces with operating Divisions to provide technical support for special projects and regulatory programs.
- Coordinates with property owners and legal counsel to obtain easements for construction projects; coordinates with other CID project managers and reviews all easement documents for all CID projects



REQUIREMENTS

- **Construction Project Engineer III:**
 - Some experience in civil engineering and construction projects including planning, designing, and constructing water or wastewater four-year and/or conveyance facilities; knowledge of wastewater treatment principles and practices and associated regulatory programs; graduation from an ABET-accredited four year college or university with a Bachelor of Science Degree in Engineering, BS Civil Engineering is preferred; or any combination of education, experience, or training which provides the required knowledge, skills and abilities. Possession of Engineer-In-Training (EIT) certification is preferred.
- **Construction Project Engineer II:**
 - Considerable experience in civil engineering and construction projects including experience in planning, designing, and constructing water or wastewater treatment and/or conveyance facilities; knowledge of wastewater treatment principles and practices and associated regulatory programs; graduation from an ABET-accredited four year college or university with a Bachelor of Science Degree in Engineering, BS Civil Engineering preferred; or any combination of education, experience, or training which provides the required knowledge, skills and abilities. Engineering-in-Training (EIT) certification is required.
- **Construction Project Engineer I:**
 - Considerable experience in civil engineering and construction projects including experience in planning, designing, and constructing water or wastewater treatment and/or conveyance facilities; knowledge of wastewater treatment principles and practices and associated regulatory programs; graduation from an ABET-accredited four year college or university with a Bachelor of Science Degree in Engineering, BS in Civil Engineering preferred, or any combination of education, experience, or training which provides the required knowledge, skills and abilities. Engineering-in-Training (EIT) certification is required.
- **Senior construction Project Engineer:**
 - Considerable experience in civil engineering and construction projects including experience in planning, designing, and constructing water or wastewater treatment and/or conveyance facilities; knowledge of wastewater treatment principles and practices and associated regulatory programs; graduation from an ABET-accredited four year college or university with a Bachelor of Science Degree in Engineering, BS in Civil Engineering preferred or any combination of education, experience, or training which provides the required knowledge, skills and abilities. Shall have a minimum of three (3) years' experience with UOSA's Capital Improvement Section (now CID) at the Senior Construction Project Engineer level. Engineering-in-Training (EIT) certification is required.
- **Must be able to handle the physical requirements of the position to include extensive walking, bending, stooping, climbing of stairs and ladders, and lifting/carrying up to 30 pounds.**
- **Possession of a vehicle operator's license valid in the Commonwealth of Virginia is required.**

The vacancy notice does not imply that these are the only duties, including essential duties, to be performed in the position. Please request a full job description from the HR Department via email at good.jobs@uosa.org.

All employment offers are contingent upon the successful completion of a pre-employment drug and alcohol screening, physical exam, and background check paid for by UOSA.

In order to be fully considered for the position, all applicants must submit a complete online application along with an updated resume via the UOSA website: Uosa.org/Careers > **Candidate Profile.**

Once logged into your profile, click on **Find Jobs** in the upper left-hand corner of the screen, followed by **Search for Jobs**. Review the vacancy and apply for the position.