



Date:	January 24, 2024	Job Title:	Senior Project Manager - Engineering
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LNVA is accepting applications for the position described below.

LNVA IS AN EQUAL OPPORTUNITY EMPLOYER.

SUMMARY OF POSITION

The Senior Project Manager will engage in the practice of engineering as defined by the Texas Engineering Practice Act, Texas Civil Statutes Article 3271a, on behalf of Lower Neches Valley Authority (the “Authority”); provide support to the Engineering Manager in all areas of engineering for the Authority including implementation of the Capital Improvements Program (CIP); and direct and oversee technical staff including engineers and other engineering support service staff.

ORGANIZATIONAL RELATIONSHIPS

1. Reports to: Engineering Manager
2. Directs: Engineer(s), EIT(s), Graduate Engineer(s), Draftsman(s), Inspector(s), Projects Coordinator(s)
3. Other: Daily contact with administrative and operations staff, frequent contact with outside consultants and contractors, and occasional contact with the Board of Directors, customers, and other agencies.

EXAMPLES OF WORK - Essential Duties

- Assist the Engineering Manager with the CIP to include: project evaluation, preliminary engineering analyses, project design, preparation of cost estimates, and project implementation.
- Perform and direct in-house engineering efforts of the Authority as the engineer-of-record to include plan development, specifications and estimate preparation, contract management, and construction oversight for various projects including engineered solutions involving water, sewer, paving, drainage, water control and distribution, structural, electrical, coatings, cathodic protection, and fabrication/manufacturing projects.
- Provide technical support to the Operations staff through the development of operational programs and specific implementation tools including spreadsheets and databases for new projects or expanded operational criteria related to the canal and pumping system;
- Direct and manage draftsmen, survey crews, technicians, and outside consultants in support of plan and specification development for specific projects;
- Prepare bid packages and manage the bid process for various public construction and services contracts in accordance with the Texas Water Code;
- Prepare and administer contracts in accordance with state laws, regulations, and local purchasing guidelines on various in-house and third-party constructed projects for the Authority;
- Direct and oversee hydraulic evaluations of freshwater distribution canals and water availability models, and provide recommendations based on analytical results.
- Oversee basic construction surveying services including data collection, processing, and analysis.

Other Important Duties

- Assist the Engineering Manager with developing and managing department budgets and reporting CIP performance.
- Assist the Engineering Manager with evaluation of water rights, permit amendments, and water availability, including the impact of proposed water right amendments by others on the Authority’s rights.
- Develop and maintain relationships with various agencies, including TCEQ, U.S. Army Corps of Engineers, USGS, Texas Parks and Wildlife Department, EPA, local municipalities, and others.

- Attend various professional meetings.
- Perform such other related duties as may be assigned.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of: The art and science of engineering, especially regarding civil works related to water supply and hydraulics; Effective project management practices and techniques.

Skill/Ability to: Demonstrate proficiency in oral and written communication; Operate a computer using Microsoft Office products and standard engineering analysis software including basic knowledge of HEC-HMS, HEC-RAS, and AutoCAD; Direct the preparation of plans and technical specifications for the construction of public works; Demonstrate mastery of project management responsibilities including managing multiple projects simultaneously, maintaining project schedules and budgets, and meeting deadlines; Establish and maintain effective working relationships with staff and outside private contractors.

PREFERRED OR DESIRABLE KNOWLEDGE, SKILLS, AND ABILITIES

Skill/Ability to: Develop and manipulate databases for information management and evaluation; Evaluate and make recommendations for detailed operational programs with consideration of numerous independent/external parameters.

ACCEPTABLE EXPERIENCE AND TRAINING

Minimum:

- Bachelor’s degree in engineering (Civil or Mechanical preferred);
- 8+ years project development and/or project management experience;
- License to practice as a Professional Engineer (PE) in the State of Texas;
- 4+ years’ as a licensed PE with increasing project management responsibilities;
- Must be familiar with advanced techniques and the modification and extension of engineering theories, precepts, and practices;
- Excellent written and oral communication skills.

Preferred:

- Knowledge of Texas water law and water rights adjudication and amendment process;
- Knowledge of the Texas Water Code Ch. 49 and Texas Government Code Ch. 2254;
- Experience in real estate research, and surveying practices and procedures;
- Proficiency in hydraulic and hydrologic modeling software recognized by the U.S. Army Corps of Engineers and water availability and water rights evaluation software recognized by TCEQ.

CERTIFICATES AND LICENSES REQUIRE

License to practice as a Professional Engineer (PE) in the State of Texas;
Valid Texas Driver License.

Pay Group:	B7	FLSA: Exempt
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Pay Range:	\$124,000-\$186,000
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Closing Date:	March 31, 2024 or until filled, whichever occurs first.
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If interested, submit a completed application (resume and/or statement of qualifications can be attached) to:

Lower Neches Valley Authority
Attention: HR Director
P.O. Box 5117, Beaumont, Texas 77726-5117
7850 Eastex Freeway, Beaumont, Texas 77708