JOBS DESCRIPTION

Coachella Valley Water District Date: June 4, 2013

TITLE: Senior Engineer, Stormwater SECTION: Stormwater

DEPARTMENT: Engineering

REPORTING RELATIONSHIP:

Reports to: Director of Engineering

Supervises the following positions: Associate Engineer, Stormwater

DEFINITION: Under general direction, to plan, coordinate, schedule, direct an review complex civil engineering functions involved in the planning, design, and construction of District Stormwater facilities including supervision of this section; and to do related work as required.

ESSENTIAL FUNCTIONS:

1. Oversees planning, design, and construction of District stormwater facilities.

2. Prepares and provides project supervision to engineering staff and outside engineering consultants in the writing of specifications, and development of designs for the construction of District stormwater structures and facilities.

3. Prepares estimates of quantities of materials. Prepares plans, profiles, maps and related drawings for construction projects. Prepares contract documents to be used in advertising construction projects.

4. Administers construction contracts. Serves as resident engineer on construction projects.

5. Meets with developers and outside engineers to discuss concepts and general requirements for new projects. Reviews proposed subdivision applications to determine conditions to be imposed by planning agencies. Reviews grading plans for conformance with Riverside County Ordinance 458 for flood plain management.

6. Assists contractors, general public and other governmental agencies with questions relating to stormwater.

7. Prepares annual budget for consideration by District Board of Directors.

8. Supervises and evaluates Stormwater staff.
MINIMUM QUALIFICATIONS:

License or Certificates: Valid California Operators license issued by the State Department of Motor Vehicles. Department of Motor Vehicles driving record may influence employment or classification.

AND

Possession of a valid certificate of registrations as a Civil Engineer, issued by the State of California.

Experience: Ten years professional civil engineering experience related to water resources, five of which are directly related to stormwater and flood control including five years of supervisory duties.

Knowledge of:
- Principles and practices of civil engineering.
- Design of a wide variety of engineering projects including hydraulic structures used in flood control and related areas.
- Mathematics, design methods, uses and strengths of construction materials.
- Standard specifications, effects of a variety of soil and foundation conditions.
- Pertinent regulations related to the design and construction of District Stormwater facilities and structures.
- Principles and practices of surveying and construction inspection including methods, materials, practices, equipment, laws, and safety requirements related to this area of civil engineering.
- Principles of engineering administration.
- Computer programs including, HEC series, spreadsheets, and project management.

Abilities:
- Plan, organize, and supervise the work of subordinate engineering personnel.
- Prepare engineering estimates, plans, and specification for proposed District projects.
- Perform complex engineering work in the design and construction of District stormwater structures and facilities.
- Conduct technical engineering research work.
- Preparing detailed analyses and comprehensive technical engineering reports and recommendations.
- Work cooperatively with others.
- Communicate effectively both verbally and in writing.

Education: Bachelor of Science in Civil Engineering or related field, including advanced studies in hydrology and flood control.
PHYSICAL REQUIREMENTS:

1. Drives District vehicle to job sites including over rough terrain.

2. May work in extreme weather conditions including heat and rain.

See Human Resources for physical assessment form.