MERCED IRRIGATION DISTRICT
WATER RESOURCES ENGINEER

FLSA Status – Exempt
Unrepresented – Grade Q

DEFINITION:

Under general direction from the Deputy General Manager, Water Resources, perform professional level work regarding all aspects of the Water Resources Engineering Department, including staff supervision, planning, surveying, capital project management, encroachments, right-of-way management, water quality programs and hydrography functions. Continued development of the departments' data management systems and support other departments, including operations, maintenance, hydro and the parks departments, as necessary.

ESSENTIAL FUNCTIONS OF THE POSITION:

- Perform engineering studies and project management activities associated with MID's water conveyance infrastructure projects, including the preparation and monitoring of project budgets, supervision of staff, consultants and vendors, acquisition of required permits, contracts and agreements.
- Perform detailed engineering calculations and design.
- Prepare contract bid packages, including plans and specifications.
- Manage Construction Projects.
- Oversee the various water quality programs conducted by MID and assist in developing new programs as required by local, state and federal regulations.
- Continued development of the MID EDMS, an integration of the water delivery database, the SCADA system, the GIS system and the water records database, as well as other custom databases.
- Work with state and local governments, developers and growers on their public and private projects to ensure that impacts to the MID water conveyance system are mitigated in accordance with Board policy and MID practices.
- Assist in the development of strategic plans, policy formulation and execution of said plans and policies.
- Assist in the development of annual department budgets.
- Work with a wide variety of stakeholders on a regular basis, from District growers to local, state and federal agencies.
- Make public presentations to the MID Board of Directors, at public outreach meetings and at local, state and federal agencies as required.
- Perform other duties as requested, directed, or assigned.

QUALIFICATIONS:

Any combination of experience and education that would prepare the candidate for the duties and responsibilities of the position is acceptable.

Education:

A Bachelor's Degree from an accredited college or university with major course work in civil engineering, agricultural engineering or a closely related field.

Experience:

- A minimum of five (5) years of responsible professional experience is required with a background in design, project management and construction management, preferably with a focus on water resources.