



## Company Profile

Bailey Engineering Consultants, Inc. is a multi-disciplined consulting engineering firm specializing in electrical, instrumentation and SCADA system designs for Water and Wastewater projects. We provide consulting engineering services to the public and private sectors with preferential services for municipal and governmental clients.

Incorporated in 1992, we are a second generation consulting engineering firm with offices in Cooper City, Lake Worth and Orlando, Florida. Our water treatment plant design experience is diverse and includes electrical and control system designs for Ion Exchange Systems, Membrane Filtration, Reverse Osmosis Treatment, Ultra Filtration and Lime Softening.

Our electrical distribution system experience covers from low voltage applications up to medium voltage 13 KV distribution system designs. We currently implement "smart" designs" on our projects and utilize data highways as a means to communicate to motor starters, variable frequency drives and motor monitoring equipment. We integrate our data highway systems seamlessly and reliably into plant control system insuring the end user of a fully redundant powerful power communication architecture.

Our instrumentation systems design experience includes SCADA and PC based systems, This experience encompasses computer/PLC controlled systems utilizing SCADA based systems for interfacing to remote locations, as well as hard wired relay controlled custom solutions.

To reinforce our emphasis on quality, the company has complex project designs reviewed by independent companies. We interface with designers from complimentary disciplines during the design process to review design principles and to assist in the preparation of design drawings and specifications for specific project needs.

Our staff's electrical experience includes electrical and instrumentation system designs for industrial plants, specifically Water and Wastewater Treatment Facilities located throughout the state of Florida.