Job Position: Senior Hydraulic Engineer

Job Ref: 19515BR

Job Category: Other

Job Profile:
Hatch Mott MacDonald (HMM) is an award-winning consulting engineering firm with major success in the fields of architectural services; highway and bridges; aviation; rail and transit; water and water resources; wastewater; environment; municipal engineering; ports and harbors; tunnels; and pipeline services. We have earned a reputation for technical excellence on some of the world’s most prominent and challenging projects. With offices throughout North America, HMM provides a full range of services, from planning and design through construction management. We are seeking highly motivated individuals to join our dynamic team of professionals in locations throughout the US and Canada.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, age, protected veteran status, or disability status.

Job Description:
HMM is hiring a Senior Hydraulic Engineer to be based in our Salt Lake City, Utah office.

Responsibilities include the design of storm water management and storm water conveyance systems (both urban and suburban). Function as the lead designer in the preparation, organization and submission of all design calculations associated with storm water conveyance systems; pipe sizing calculations including drainage area maps, surface run-off co-efficient, invert, slope, velocity and hydraulic grade line evaluation calculations. Possess experience with and solid understanding of Utah storm water regulations. Hydraulic and hydrology contract document development, technical writing, and construction cost estimates.

Other responsibilities may include grading, Stormwater Management/Best Management Practices, erosion and sediment control. Knowledge of industry requirements and experience with local government regulations is helpful. Design of private utility systems, including sanitary sewer and water supply modeling is a plus.

1. As a fully competent Engineer, performs work involving the application of all conventional aspects of the subject matter of the functional area of the assignment. 2. Exercises judgment in the independent evaluation, selection, and substantial adaptation and modification of standard techniques, procedures and criteria. 3. Responsible for conceptualizing the initial design approach and/or have overall responsibility for the engineering work on a project 4. Plans, schedules, conducts or coordinates engineering work involving conventional engineering practices. 5. Independently evaluates, selects, and applies standard engineering techniques, procedures, and criteria. 6. Supervision of less experienced engineers or technical support personnel is exercised on an assignment level basis. Focus on quality control and delivering a high quality product to our clients.
Candidate Specification

Requirements:

- A BS or MS in Civil Engineering
- 2 to 10 years of hydraulic and hydrology design experience
- Strong written and verbal communication skills
- A Utah PE license (or the ability to obtain one in 6 months) is required
- Experience with Utah Department of Transportation is preferred.
- Supervise projects or tasks that include hydrology/hydraulic design, hydraulic studies, and soil erosion & sediment control
- Design highway drainage systems, including, but not limited to drainage/grading, closed drainage systems, culverts, bridge deck drainage and roadside ditches
- Design and analyze storm water management facilities
- Develop and oversee plans, specifications, cost estimates, and technical reports and ensure complete, accurate work, in accordance with good engineering practice
- Develop technical resolution of design problems that may include performing field investigation or inspections, detailed design work, and detailed checking of design computations done by others, or general coordination of specific design aspects into a project
- Work closely with other disciplines on multi-discipline projects
- Proficiency in MicroStation/Inroads
- Demonstrated work experience with StormCad, HEC-HMS, HEC-RAS and HEC-22
- Experience in ArcGIS preferred

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Request Priority Protected Veteran Referrals
EEO

Contract Type  Regular (US only)
Work Pattern  Full-Time
Country  United States
State  Utah
Position Location  Salt Lake City, Utah

Apply on-line at www.hatchmott.com/info/careers