CIVIL ENGINEER I/II

Posting ID: I070016
Company: GMP International
Position Type: Full-Time Employment
College Major(s): Civil & Environmental Engineering

Company Website:
Work Location: Honolulu, HI
Salary: Negotiable
College Level(s): Open (Must have degree)

OVERVIEW
GMP is a multi-disciplinary firm that seeks civil engineers preferably with a Master’s degree to assist with designing civil engineering projects in Hawaii, Guam, Micronesia, and the Federated States of Micronesia. GMP’s clients include private; local, state, and federal governments; as well as perform design work in joint ventures.

DESCRIPTION OF POSITION
Candidate will be involved in the design of airports, land development (government/residential/commercial), drainage, water supply, sanitary mains, roads, and highways. The candidate will be expected to coordinate with other disciplines such as Electrical, Mechanical, Structural, Fire, and Plumbing.

DUTIES
Perform studies and reports, prepare design/construction plans (grading/utilities/traffic/profiles, details), calculations, specifications, and engineering cost estimates. The candidate is expected to attend/participate/present at local meetings and teleconferences.

EXAMPLES OF JOB DUTIES

LAND DEVELOPMENT
The candidate will be expected to create existing surfaces using Civil 3D with the survey data. After that, the candidate is supposed to create new surfaces in accordance to the stipulated grades of the project. Create an existing utility plan using survey data, as-built plans, site visits, among others. Proposed new water/sewer lines based on building requirements and storm water drainage pipes based on the hydrologic information. Provide profiles as needed of the roads and utility lines. Create geomatics plans and list the appropriate lines/curve data as needed.

RUNWAY/ROADWAY DESIGN
The candidate will be expected to create an existing surface using Civil 3D, alignment, existing and proposed road profiles, and proposed a new surface. The candidate will be expected to perform detailed cross sections of roads/runways.
DRAINAGE DESIGN
The candidate will be expected to calculate HGLs using software and well as develop hydrologic/hydraulic reports to show the methodology. The features of the design include pipes, culverts, orifices, weirs, ponds, channels, inlets, etc.

SOFTWARE
The candidate must have a working knowledge of drafting/designing engineering plans with AutoCAD, Civil 3D, Microstation, Carlson, or related software. The candidate is expected to work in Civil 3D to create points, surfaces, alignments, profiles, corridors, and pipe networks.

The candidate must have a working knowledge of hydrology/hydraulic software such as HEC-HMS, StormCAD, Storm and Sanitary Analysis, etc. The candidate is expected work in Storm and Sanitary Analysis and other Autodesk Express tools.

Working with Microsoft Word and Excel is a must.

Having working knowledge of PowerPoint, Access, GIS, is a plus but not required.

OTHER REQUIREMENTS
Eligible to work in the U.S.A
Good verbal/written communication skills
Relocate to Honolulu, HI

BENEFITS
Full cost of Medical/Dental Insurance provided to candidate
401K plan is provided

HOW TO APPLY
Send your resume and other supporting job related documents to norochena@gmpassociates.com.