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# Example of Planner / Engineer Job Description

Our innovative and growing company is looking for a planner / engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for planner / engineer

* Perform engineering analysis and design with a focus on ports and maritime infrastructure of recreational, commercial, and industrial facilities, including container terminal layout and upland civil design management
* Coordinate work of terminal simulation in-house team and outside vendors as need
* Provide expert advice/technical support to project delivery teams
* Effectively manage projects and lead teams on larger assignments
* Provide technical input to bids and proposals of a public transport planning or multidisciplinary nature
* Be responsible for developing and maintaining best practice guidelines
* Quality assurance and control
* Support Operating Centre leads within South Africa to develop local Public Transport Planning capacity
* Develop traffic data collection plans for large scale projects, such as Corridor Studies and Alternatives Analysis
* Analyze and perform Quality Assurance / Quality Control of received field data, calculations, designs and deliverables

## Qualifications for planner / engineer

* Working knowledge of Defined Capacity a plus
* Working knowledge of routing protocols (OSPF, BGP)
* Good understanding of operator business drivers and technologies in the IP and MW network areas, in TV and Radio Broadcasting domain
* Basic knowledge of MPLS, IS-IS, MPBGP, OSPF, L3VPN, L2VPN
* Basic knowledge of QoS in IP networks (CBWFQ, WRED)
* Working knowledge of ALU 7450, 7210M, 7750 routers/switches and corresponding OS