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# Example of Communications Systems Engineer Job Description

Our company is growing rapidly and is searching for experienced candidates for the position of communications systems engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for communications systems engineer

* Interface with customers and collect requirements for the setup of budgets, procurements, installation management and the operational handover of systems
* If required, implement complex communication systems at customer premises
* Attract contracts by managing or supporting customer requests for proposal (RFP), comprised of activities such proposal team set up and management, technical and financial proposal preparation, and contract negotiation
* Participate in the design of future technology requirements in close cooperation with the Market Development team with customers
* Works directly with Vendors/OEMs, Engineering staff, and User Transition personnel for integration improvements to the solution, O&M for legacy equipment
* Lead others to evaluate customer/operational needs to define system performance requirements, develop satellite communications system and payload architectures, integrate technical parameters and assure compatibility of physical, functional, and program interfaces
* Mentor the program junior payload systems engineers and review their work for quality
* Perform system-level integration, system simulation, communication link and/or capacity modeling and analysis
* Apply an interdisciplinary, collaborative approach to lead activities to plan, design, develop and verify complex lifecycle balanced system solutions
* Defining and developing satellite communications system and payload architecture

## Qualifications for communications systems engineer

* The production of engineering, specification and design documentation
* Presentation and demonstration of engineering solutions to customers
* Effectively plan, implement and execute engineering activities in order to deliver projects and bids on time and to budget
* Attend and participate in all technical and bid reviews
* Tertiary Qualifications in Systems Engineering or another related discipline
* Previous experience working in a Rail environment