Job Description

Doc. No.	SE-01	Revision	1
Position Title	Senior Engineer	Category	Technical
Department	System Engineering	Reports to	Senior Staff Engineer
Supervises	-		

A. Position Purpose & Summary:

Responsible to develop the Quality Management Plan for organization projects. To drive process initiatives and implement process improvement proposals and deliver the post quality support.

B. Primary Duties & Responsibilities:

1. Quality Assurance
   - Develop and own the Quality Management Plan for projects
   - Conduct process compliance audits and adherence to organization standards
   - Conduct internal and external appraisal for benchmarking against industry best practice/standards. E.g. CMMI
   - Provide advisory and support to projects on Quality process during project lifecycle
   - Analyze project and process performance, and establish quality objectives and goals
   - Drive Test Readiness Review (TRR) and Release Readiness Review (RRR)
   - Manage and coordinate project quality activities for solution projects involving MIMOS Technology Recipient and Customers

2. Quality Improvement
   - Drive process initiatives and implement process improvement proposals
   - Conduct awareness and process training for the organization
   - Facilitate MIMOS Quality Review
   - Management and coordination of Tactical and Strategic process trainings

3. Post Quality Support
   - Coordinate and support MOL activities
   - Gather and interact with MIMOS Technology Recipients and Customers as an independent unit to gauge MIMOS technology and acceptance in the market place

Position Requirements

C. Academic Qualification:

☐ Phd ☐ Master's ■ Degree Others (Pls specify) <u>Software Engineering/</u>
<u>Computer Science/ Electrical or Electronics Engineering or related degrees</u>

■ Engineering ■ Information Technology ☐ Science ☐ Marketing / Business

☐ Finance / Management ☐ Others (Pls specify) _____

D. Experiences:

☐ Fresh ☐ 1- 3 years ■ 5-10 years ☐ More than 10 years

☐ R&D ■ Information Technology ☐ Manufacturing ☐ Oil & Gas ☐ Finance / Admin

☐ Sales / Marketing ☐ Others (<u>Minimum of 5 years' experience Software Development</u>)

E. Technical Skills	F. Soft Skills
• Software Engineering concepts with good knowledge of the Software Development Lifecycle	• Excellent communication and listening skills (verbal/written)
• Proficient in Quality Management Systems such as CMMI/P-CMM practices; preferably with CMMI-DEV Maturity Level 5 organization	• Good team player and capable of working in a dynamic environment with minimal supervision
• Has worked or involved in CMMI appraisals	• Possess Problem Solving Skills and good knowledge in Statistical Process Control. Certified as a Six Sigma Green Belt is advantageous
• SW Project Management principals	
• Possess intermediate MS Office skills particularly in MS Excel	
• Familiar with Subversion (SVN) for software configuration management and software engineering tools for assessing source code quality	
• Technical knowledge of Software Product Engineering and Software quality	
• Software architecture concepts in relation to software product quality is advantageous	
• CMMI Appraisal Team Member participant is advantageous	