

# ALARIS ANTENNAS (PTY) LTD

All members of the company are to abide by the company's policies and procedures.

## ANNEXURE A:

## JOB PROFILE

1. POSITION	
Position title:	Senior Antenna Engineer
Department:	
Reporting to:	
Job Purpose	<p>We are looking to hire a talented Antenna design engineer. In this role, you will be required to meet with clients to determine their design requirements, plan and execute the design , development, and test prototypes, and work closely with the manufacturing teams to ensure that design specifications are met.</p> <p>To be a successful antenna design engineer, you should have measurement experience in antennas and RF electronics. Have strong analytical and critical thinking abilities. A top-notch Antenna design engineer should possess detailed knowledge of engineering and design principles and be able to find creative solutions to technical problems.</p>
2. REQUIREMENTS	
Minimum education (essential):	BEng Hons (Electronic engineer)
Minimum education (suggested):	Masters (Engineering, Electronic), PhD Engineering
Minimum applicable work experience (years):	8 + years
Required nature of applicable experience:	Design experience in a broad range of antenna types and associated signal conditioning RF circuits (e.g., filters), with particular experience in the 1 MHz to 9 GHz frequency range.
Computer literacy (essential):	MS Office (expert-level) MATLAB (expert-level) FEKO or similar 3D CEM tools (expert-level)
Computer literacy (suggested):	QUCS
Language proficiency:	English
Other requirements:	<ul style="list-style-type: none"> <li>➤ High levels of initiative and accountability</li> <li>➤ Excellent technical problem-solving skills</li> <li>➤ Logical thinker</li> <li>➤ Self-driven</li> <li>➤ Excellent oral and written communication skills</li> <li>➤ Work well under pressure and adhere to deadlines.</li> <li>➤ Must be prepared to work extended hours when project deadlines require it.</li> </ul>

**3. KEY PERFORMANCE AREAS, WEIGHTS, AND TASKS**

<p><b>Responsibilities</b></p>		<ul style="list-style-type: none"> <li>➤ Technical lead on Projects             <ul style="list-style-type: none"> <li>○ Assume responsibility for all technical elements of the project and cooperate with the project management team to ensure goals for the project are met.</li> <li>○ Accountability for technical success of project.</li> <li>○ Make the final decisions to resolve high-level / high impact engineering issues on project.</li> </ul> </li> <li>➤ Antenna Product Development             <ul style="list-style-type: none"> <li>○ Conceptual design</li> <li>○ Building of prototypes and testing</li> </ul> </li> <li>➤ RF Product Development             <ul style="list-style-type: none"> <li>○ RF circuit design (filters, switches, amplifiers)</li> <li>○ Detailed RF design and documentation</li> <li>○ Testing and qualification of RF designs</li> </ul> </li> <li>➤ Reporting and Writing             <ul style="list-style-type: none"> <li>○ Technical report writing and presentations.</li> <li>○ Draft product specifications, manuals, testing procedures.</li> <li>○ Produce test reports.</li> </ul> </li> <li>➤ Sales             <ul style="list-style-type: none"> <li>○ Participate in, facilitate, and support technical communication, training with clients, technical interactions with clients (e.g., client visits to resolve technical issues/needs)</li> </ul> </li> </ul>
<p><b>KPI Contract –</b></p>		<ul style="list-style-type: none"> <li>➤ <b>To be determined</b></li> </ul>