Systems Engineering Manager

Join a global developer of leading-edge aerospace and defense technology systems as Systems Engineering Manager [SEM]. The SEM will manage the System Engineering team, monitor the programs over their full product life cycle, and be responsible for ensuring growth of the business by leading and designing new products, driving the continuous improvement of existing products, and plan for future growth through roadmap development. The SEM will be based in the Arizona area. The key objectives include:

1. **Systems Engineering Leadership:** Serve as the Subject Matter Expert for Systems Engineering. Oversee the front-end development through the program management and into the future product roadmap.
2. **Team Development:** Lead the Systems Engineering group with a focus on developing a focus for full lifecycle systems engineering with a high-level view of the entire program. Build bench strength and help enhance overall capability of the team.
3. **New Programs:** Lead the Systems Engineering group's efforts with new programs, including overseeing project-related systems engineering activity to assure designs are technically sound and the product meets all requirements and regulations.
4. **Bid and Proposal Support:** Work alongside the Sales team and Product Line Managers in their bid and proposal work with customers, serving as the Subject Matter Expert in the systems development of the company's solutions.
5. **Technical Roadmap:** Work with the Engineering group's leadership team to develop technical roadmaps and IRAD plans.
6. **Customer Interface:** Collaborate extensively with customers, including answering questions, handling product issues, participating in sales calls, and collaborating in hypothetical solutions development.

BACKGROUND AND EXPERIENCE:

The ideal candidate will have the following education, work history, knowledge and skills.

Education: Bachelors degree required. MBA a plus. U.S. Citizenship or green card is required.

Experience and skills:
- 10+ years in Systems Engineering position with 5+ years managing a systems development team, with the proven ability to develop new system-level product designs and sustainment objectives.
- Experience with the development of avionics systems is required. Experience with development of communication systems is preferred. Experience of Complex Avionic Systems may include: Autopilots, fly-by-wire systems, flight management systems, airborne displays, airborne servers, radio/communication systems, or airborne navigational radios.
- Experience with the development of commercial avionics systems is required. Experience within military avionics development is a plus.
- Experience interfacing with customers
- Experience with customer and/or FAA audits

- Experience developing technology roadmaps and doing strategic planning.
- Experience managing Bid and Proposals (ROMs, RFI, RFP, etc)
- Experience with ARP4754, ARP4761, DO-178, DO-254, DO-160. Understanding of DO-186, APCO Project 25, and TIA-102

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