BIGELOW AEROSPACE JOB OPPORTUNITY

Posting ID: E011216
Company: Bigelow Aerospace
Job Title: Mechanical Engineering Department Assistant Manager
Position Type: Full-Time Employment
College Major(s): Mechanical Engineering

Company Overview
Bigelow Aerospace is an established Company with a mission to provide affordable destinations for national space agencies and corporate clients. In 2006 and 2007, we launched our orbiting prototypes Genesis I and Genesis II, and the BEAM will be sent up and attached to the International Space Station in 2016. We seek to assist human exploration and the discovery of beneficial resources, whether in Low Earth Orbit (LEO), on the moon, in deep space or on Mars.

Description
Bigelow Aerospace is seeking highly motivated Mechanical Engineering Department Assistant Manager with experience using Microsoft Project on large complex projects across multiple departments to support the Mechanical Engineering department. Successful candidates should be able to perform related analyses including FEA and classical hand calculations.

The Department Assistant Manager will assist in the development and maintenance of critical path logic utilizing Microsoft Project across engineering, procurement, machine shop and assembly departments, in support of a team of Mechanical Engineers.

Responsibilities
• Participation in the complete system integration of spacecraft hardware.
• Ownership throughout the entire lifecycle of the mechanical hardware designs, from concept to design & development to build to post-launch support.
• Design of high reliability and/or long-lifetime hardware.
• Assist in the evaluation of third party vendor components including generating specifications, reviewing designs.
• Assess project requirements and assign appropriate resources based on availability and expertise.

Company Website: bigelowaeroospace.com
Work Location: 1899 W. Books Avenue,
North Las Vegas, NV 89032
Salary: N/A
College Level(s): Master’s & PhD
• Assist with the development of documentation including analysis summaries, technical engineering notes, subsystem and device requirements, and participating in overall spacecraft architecture design.
• Completes projects by training and guiding.
• Provides engineering information by answering questions and requests.

Minimum Qualifications:
• 3-5 years’ experience working as Assistant Manager or Team Lead.
• Bachelor’s degree in Mechanical Engineering.
• Proven senior mechanical design experience.
• Knowledge of ANSYI 14.5 on Mechanical drawings.
• Experience training and mentoring junior and mid-level Mechanical Engineers.
• Team player, excellent verbal and written communication skills, attention to detail, and interpersonal skills.

Preferred Qualifications:
• Advanced degree in Mechanical Engineering.
• Experience in SolidWorks or similar 3D CAD design software program.
• 3-5 year’s experience in spacecraft design.