Contract Aerodynamicist – Job Description

Aiolos Engineering is an internationally recognized engineering firm that designs and supplies wind tunnel test facilities and environmental test facilities to an international clientele. Typical projects include large aeronautical wind tunnels, large aeroacoustic automotive wind tunnels, automotive climatic wind tunnels and icing wind tunnels. The company’s client base includes government aeronautical testing agencies (e.g. NASA), the major automobile manufacturers (e.g. Volvo, Daimler), large aerospace companies (e.g. Boeing) and automotive OEM’s. The contract scope for an Aiolos project ranges from small engineering studies to full turnkey responsibility for a large wind tunnel project.

Aiolos has an immediate need for an aerodynamicist to assist with pilot wind tunnel testing to support the aerodynamic design for a current automotive aeroacoustic wind tunnel project. This would be a 3 month contract starting the beginning of July with a possible extension. Duties will include,

- Preparing the pilot wind tunnel configuration for the test (installing or modifying circuit elements)
- Preparing instrumentation
- Running the test and collecting data
- Data reduction

The successful candidate would work under the supervision of a senior aerodynamicist. The pilot wind tunnel is located away from the Aiolos office and the successful candidate would be expected to work alone at the wind tunnel for periods of time without direct supervision.

In addition to pilot wind tunnel test duties the successful candidate would also assist aerodynamicists at Aiolos’ office, between testing periods, with tasks related to aerodynamic design for current wind tunnel projects.

Candidates for this position should hold a graduate degree in Engineering or be in the process of completing a graduate degree in Engineering. The successful candidate must have experimental fluids experience. Academic training should include advanced courses in incompressible and compressible fluid dynamics, viscous flows, thermodynamics and acoustics. Some knowledge of computational fluid dynamics is desirable.

Interested candidates should send a resume to,

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