

JOB POSTING
Proteosense, LLC
Contract Electrochemical Equipment Design Engineer
Position target start date 10Sept2018



Overview:

ProteoSense is commercializing breakthrough solid-state biosensor technology for the biomedical, environmental and food markets with initial entry into the food safety market planned for 2018. ProteoSense's rapid pathogen detection system, RAPIDSCAN™, is a disruptive bio-detection sensor for multiple time-critical and remote applications. We are validating novel technologies and are developing our first beta product. We have an immediate need to fill a full-time contract position for a mid-level Electrochemical Equipment Design Engineer. We are looking for a technically-driven candidate who will take ownership of their work and has excellent attention to detail. The ideal candidate should be desirous of work with a fast-paced outcome-driven interdisciplinary product development team.

Qualifications:

The ideal candidate should have a BS/MS in Chemical Engineering, Mechanical Engineering, Electrochemical Engineering or similar. Must have 3-5 years experience with design and development of laboratory instrumentation and/or food-processing equipment, including reusable capital equipment and single-use, disposable sub-assemblies. A background in electrochemical assay system design and development is desired. Demonstrated experience should include transitioning basic laboratory test equipment from concepts into prototype test systems for beta testing in production environments. Must be able to maintain a detailed lab notebook and maintain a design history file to include design analysis reports, concept layout drawings, detail design documents, assembly drawings, process instructions, and parts list. Attention to detail and ability to work safely in a lab environment handling test reagents is essential. Excellent oral and written communications skills are required. Must be self-motivated and prepared to learn and adopt new techniques as needed. Must be able to work independently as well as part of an interdisciplinary team.

Responsibilities:

- Layout of test system process flow to perform key processes.
- Implement published protocols and troubleshoot development equipment independently.
- Develop and carry out test system engineering studies.
- Collect, process, and analyze data, publish test reports.
- Participate in laboratory management, maintenance, and project demonstrations.
- Prepare project status updates and formal reports when appropriate.
- Perform literature searches, present innovative ideas and submit idea disclosures to improve upon existing technologies.
- Lead one or more project(s) based on aptitude.

60%	Assay test system design and development
15%	Test System Data analysis
10%	Technical report writing
5%	Lab equipment management and organization
10%	Assist in range of activities and customer engagements to support growth of the business

Comments: Pay and length of appointment negotiable based on experience with the opportunity to renew based on performance. Position is open immediately. Candidates eligible to start by early September desired.

Location: Rev1 Venture development facility at 1275 Kinnear Road, Columbus OH, 43212.

Contact: Send inquiries to tsierocuk@proteosense.com with "Application for August Engineer Opening" in the subject line by the 31st of August, interviews will take place on a rolling basis. Also see www.proteosense.com for additional information.