



Job Description

M/F/D/V ~ TechSolve is an Equal Opportunity and "At-Will" Employer

Position Title: Chief Technical Officer
Director of Corporate Development Advanced Manufacturing R&D

Status: Full-time/Exempt

Reports To: Vice President, Machining Technologies

Summary/Purpose:

Plan, organize, initiate, and coordinate activities of TechSolve's machining Project Engineers to deliver and develop advanced machining technologies in accordance with TechSolve's mission. Provide leadership and management for TechSolve's Advanced Manufacturing R&D. Operate under the general guidance of the Vice President, Machining Technology Services with latitude for decision and independent action within the confines of existing policies practices, and procedures.

This position is responsible for coordinating the continued development, establishment and commercialization of the Advanced Manufacturing R&D technology vertical within TechSolve. This includes identification of potential funding resources, development of an operational technology identification and development plan, establishing a network of industrial, academic and government organizations willing to participate in moving this technology from its development status into commercially offered products and services. The Chief Technical Officer, Director of Corporate Development has the responsibility of gaining the confidence of these network participants and acting as a "change agent" to encourage the transition of this technology into the US manufacturing infrastructure.

Essential Responsibilities:

1. Build and maintain TechSolve as a leader in the Machine Technology Area and as a major contributor and driver for its implementation into the industrial and defense manufacturing community. Establish and maintain a working relationship with industrial, government and academic resources that contribute to the on-going development and commercialization of these and related technologies. Prepare and present briefings and reports to provide TechSolve with credibility as a leading player in this new and emerging technology known as Smart Machining.
2. Provide technical expertise for the development, testing and analyzing of advanced technologies to maintain and increase TechSolve's knowledge and capabilities in and of these smart technologies. Coordinate and direct the transition of these technologies to US manufacturers through technology transition events, demonstrations and presentations. Assist in the implementation of these technologies into the production facilities of partnering clients both industrial and governmental.
3. Serve as a presenter and instructor at events aimed at exposing these new smart technologies to the manufacturing and investment communities.
4. Maintain active awareness of advanced manufacturing technologies and techniques through conference and seminar attendance. Look for ways to utilize innovative

approaches and products in the development of TechSolve Smart Machine projects and Test-bed.

5. Develop, motivate, and advise TechSolve Project Engineers to meet TechSolve's goals and objectives. Perform performance appraisals and other management functions for direct reporting staff.
6. Establish and control project budgets, ensure projects are on schedule, within budget and meet customer expectations. Consult with appropriate project team members to resolve any problems or to discuss progress. Make external/internal presentations to review status of projects as required. Assess results of completed projects and recommend improvements in methods or materials. Provide timely internal reports to management (e.g., Timecards, Expense Reports, Project Reports, etc.).

Marginal Duties/Responsibilities

Perform other job-related duties as assigned.

Additional Requirements/Qualifications

Education/Experience:

US Citizenship required due to sensitive nature of job with defense contracts. Masters of Science Mechanical Engineering (PhD preferred). Seven years or more manufacturing and supervisory/management experience with hands-on experience related to advanced machining technologies or PhD in Mechanical Engineering specializing in machine tools technologies.

Proficiency in software applications required in the performance of job duties (the MS Office Suite, Microsoft Project, etc.).

Language Skills:

Must be able to communicate effectively with client personnel and employees at all organizational levels and develop effective working relationships with staff and a network of technical resources. This includes making presentations, serving as an instructor, and presenting timely reports to management.

Reasoning Ability:

Individual must be a team player with the ability to exercise independent, sound judgment and discretion; ability to solve problems, be able to plan; be well organized with the ability to multi-task; work well under pressure; take initiative, and be flexible and cooperative.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to sit and use hands to finger, handle, or feel; with the ability to use a computer keyboard and monitor. The employee is frequently required to talk or hear; including the ability to communicate verbally both in person and on the telephone. The employee is required to walk, stand,

bend, and reach with hands and arms. The employee must occasionally lift and/or move up to 10 pounds. Specific vision abilities required by this job include close vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

Work Environment:

Normal office environment and standard hours with occasional overtime. Requires the ability to travel by aircraft and automobile to remote locations as needed, and the ability to drive/operate an automobile. A valid Driver's License is required. Significant travel required.

This description is not intended to be an exhaustive list of all responsibilities, skills, efforts, or working conditions associated with the position. It is, instead, a description of the **essential elements** of the position that are needed for recruitment, placement, orientation, training, competency and performance assessment, classification, compensation determination, and other Human Resource actions.