

Abstract

- 1. Lead Applicant Name:** RochesterWorks, Inc.
- 2. Lead Applicant City State:** Rochester, NY
- 3. Primary Partnership Entities:**
 - a. Workforce Investment System:** Finger Lakes Workforce Investment Board (FL WIB); and the Genesee, Livingston, Orleans, Wyoming Workforce Investment Board (GLOW WIB)
 - b. Training Providers:** Monroe Community College, Finger Lakes Community College, and Genesee Community College
 - c. Business-related Non-Profit Organizations, Consortia of Businesses, or Businesses:** Rochester Technology and Manufacturing Association (Advanced Manufacturing Sector); Finger Lakes Advanced Manufacturers’ Enterprise (Advanced Manufacturing Sector); Healthcare Alliance of the Finger Lakes (Healthcare Sector); Digital Rochester (Computer Technology Sector); Rochester Business Alliance; Greater Rochester Enterprise; Rochester Regional Photonics Cluster (Advanced Manufacturing Sector); Eastman Business Park (Advanced Manufacturing Sector); University of Rochester (Advanced Manufacturing and Healthcare Sectors); Superior Talent Resources, Inc. (Computer Technology Sector); and Rochester General Health System (Healthcare Sector).
- 4. Areas Served by the Grant:**
 - a. State:** New York
 - b. Counties:** Monroe, Wayne, Ontario, Seneca, Yates, Genesee, Livingston, Orleans, and Wyoming.
 - c. Cities:** Rochester, Town of Greece, Canandaigua, Geneva, and Batavia.
- 5. Total Funding Level Requested:** \$5,189,848
- 6. Project Name:** Finger Lakes Hired
- 7. Summary of Program Activities and List of Credentials Awarded:** RochesterWorks! will hire a Program Manager, four Education and Employment Specialists, and three 0.5 FTE College Liaisons to provide recruitment, assessment, linkage to training and education, referral to supportive services, and job placement. The program will focus on providing participants with training and education that includes: matriculation towards an associate degrees, certification training, on-the-job training, paid work experiences, intensive coaching, specialized services, and customized training.

Computer Technology Careers
<p>Degrees and Certifications: PC/Network Technician: Computer Systems Technology (AAS); Information and Network Technology (AAS); Information Technology (AAS); Microsoft Certified Solutions Expert (MCSE): Private Cloud; Web; Microsoft Certified Solutions Developer (MCSD): Web Applications; Oracle Certified Associate (OCA) Java SE; Oracle Certified Professional (OCP) Java SE 7; Microsoft Certified Solutions Developer (MCSD): Web Applications; COMP TIA Network+; Oracle 12c Certified Professional (OCP) Database Administration; Certified Information Security System Professional; Cybersecurity Certificate; CISCO Certified Entry Network Technician; CISCO Certified Network Associate; Microsoft Certified Solutions Associate (MCSA): Windows Server 2012.</p>
Advanced Manufacturing Careers
<p>Degrees and Certifications: Advanced Manufacturing Machinist; Computer Aided Design & Drafting</p>

Certificate; Optical Certificate. Optics Work Ready Program; Optical Technology Certificate; Optical Technology AAS; Electronics Certificate; Soldering Certificate; AAS, Instrumentation and Controls Technology; Electronics AAS; Electric Safety Certificate; CNC Work Ready Program; Mechatronics; Precision Tooling Certificate; Mechanical Technology Certificate or AAS; Welding & Fabrication Certificate; Pipe & Structural Tube Welding Certificate; Welding Certificate.

Health Care Careers

Degrees and Certifications: Biotechnology AAS; Health Information Technology AAS; Clinical Laboratory Technical/Medical Laboratory Technician AAS; Emergency Medical Technician Certificate, Paramedic Certificate or AAS; Pharmacy Technician Certificate; REOC Surgical Technician certificate; Clinical Medical Assistant Certificate; Phlebotomy Technician Certificate; Certified First Responder Certificate.

8. Populations to be Served: 85% Long-term unemployed, other workers to include veterans, short-term unemployed workers, and incumbent workers.

9. Targeted H-1B Industries and Occupations: The project will focus on three H-1B Industries: Computer Technology, Advanced Manufacturing, and Healthcare. Occupations within those industries are listed in the table below:

Computer Technology

Computer Programmer; Software Developer-Applications; Software Developer-System Software; Computer and Information Systems Managers; Database Administrator; Network and Computer Systems Administrator; Computer Systems Analyst; and Computer Support Specialist

Advanced Manufacturing

Mechanical Engineers; Electrical Engineers; Industrial Engineers; Electronic Engineers, Except Computers; Architectural and Engineering Managers; Electrical and Electronic Engineering Tech; Computer-Controlled Machine Tool Operator; Mechanical Drafters; Industrial Machinery Mechanics; First-Line Supervisors of Production and Operating Workers; Electrical and Electronic Equipment Assemblers; Machinist; and Welders, Cutters, Solderers, and Brazers

Health Care

Medical and Health Service Manager; Medical and Clinical Lab Technologists; Biological Technicians; Surgical Technologist; Pharmacy Technician ; Phlebotomists; Medical Secretaries; Nursing Assistants; Licensed Practical Nurses; Biological Scientists, All Other; Medical Scientists, Except Epedemiologists; Medical Assistant; Emergency Medical Technician and Paramedics; Medical Records and Health Information Techs; and Medical and Clinical Lab Technicians

10. Required Employer Partners: University of Rochester, Superior Talent Resources, Inc., and Rochester General Health System.

11. Additional Key Partners: Urban League of Rochester, Action for a Better Community, Ibero-American Action League, Pathstone Corporation, Huther Doyle, North East Area Development, Departments of Social Services , Housing Authorities, Departments of Mental Health, Rochester Center for Independent Living.

12. Public Contact Information: Lee Koslow, Technical Assistance and Training Manager, RochesterWorks, Inc., lkoslow@rochesterworks.org.