

Attachment A – Abstract – Southern Education and Training Consortium-Bio/IT

1. **Lead Applicant Name:** Memphis Bioworks Foundation
2. **Lead Applicant City/State:** Memphis, Tennessee
3. **Primary Partnership Entities:**
 - a. Concorde Career College (Education and Training Provider)
 - b. LabFour (Education and Training Provider)
 - c. Mid-South Community College (Education and Training Provider)
 - d. SeedCo (Community Based Organization)
 - e. Southwest Tennessee Community College (Education and Training Provider)
 - f. Tennessee Technology Center at Memphis (Education and Training Provider)
 - g. Three Rivers Planning Development District (Mississippi Workforce Investment System)
 - h. University of Memphis, Bioinformatics Graduate Program (Education and Training Provider)
 - i. Workforce Investment Board of Eastern Arkansas (Arkansas Workforce Investment System)
 - j. Workforce Investment Network (Tennessee Workforce Investment System)
4. **Areas to be Served by the Grant:** Memphis Metropolitan Statistical Area (MSA) including 8 counties in three states: Fayette, Shelby, and Tipton Counties (in TN); DeSoto, Marshall, Tate and Tunica Counties (in MS); and Crittenden County (in AR.)
5. **Total Funding Requested:** \$8,083,138.00
6. **Project Name:** Southern Employment and Training Consortium – Bio/IT (SETC-Bio/IT)
7. **Summary of Program Activities and List of Credentials to be Awarded:** Program activities will include: 1) Intensive coaching and short-term specialized services leading to direct job placement (Services may include in-depth Assessment, Case Management services, Career Preparation and Supportive Services.) 2) Short-term training defined as six months or less of occupational skills training or On-the-Job Training (OJT) and a Career Preparation Course. OJT will target a variety of H-1B Visa bioscience and technology occupations and short-term occupational skills training will target Desktop Support Analyst and Network/Systems Analyst occupations. 3) Accelerated training along a career pathway will target postsecondary credentials (with accelerated training formats) and industry

certifications that require more than six months. Targeted occupations include PC and Networking Technicians, IT Specialist, IT Systems Coordinator, Industrial Process Technician, Laboratory Phlebotomy Technician, Medical Laboratory Technician, Medical Assistant, and Bio-Informatics. Credentials to be awarded include 1) For Short-Term training: Information Technology Infrastructure Library (ITIL) v3 Foundation, Microsoft Certified Solutions Associate (MCSA) for Windows 7 or for Windows 8.1, MCSA SQL Server, MCSA Windows Server 2012, MCSA Office 365, Certified Ethical Hacker (CEH), Cisco Certified Network Associate (CCNA), Project Management Professional (PMP). 2) For Accelerated Training along Career Pathways: Post-Secondary diplomas in IT Specialist and IT Systems Coordinator, Certificate of Proficiency in Process Technology, Laboratory Phlebotomy Technical Certificate, Medical Laboratory Technician AAS, Medical Assistant Post-Secondary Certificate, and Bioinformatics Graduate Level Certificate.

8. **Populations to be Served:** Long term unemployed and underemployed
9. **Targeted H-1B Industries/Occupations:** Bioscience Research and Medical Services, Information Technology, and Bioinformatics
10. **Employers and Regional Industry Associations:** Bioworks (Regional Industry Association), Employers: Conrad Pearson Clinic; IDEXX Laboratories; Memphis Health Center; Quire Data; Tate Computers; Threlkeld, Threlkeld & Omer Medical Group; Transnetyx. Inc.
11. **Additional Key Partners:** Memphis Talent Dividend, Dress for Success, Memphis Area Career Transition Groups
12. **Public Contact Information:** Pauline Vernon, Director of Workforce Development, pvernon@memphisbioworks.org