

APPENDIX D: AMCAI PTA ABSTRACT SUMMARY

Lead Applicant / Organization Name: Southeast Michigan Community Alliance (SEMCA)
Lead applicant entity type: Non-Profit 501c3
Lead Applicant City and State: Taylor, Michigan
Project Title: Advance Michigan Center for Apprenticeship Innovation Pre-Apprenticeship Training Academy (AMCAI PTA).
Funding Amount Requested:
Applicants Geographic Scope of Proposed Project: The greater southeast Michigan region of 19 counties with approximately 62% of the total labor force in the State of Michigan.
Number of apprentices enrolled in RAPs during the life of the grant: 200 Number of apprentices enrolled in PAs during the life of the grant: 350
Population(s) to be served: All populations with an emphasis on unemployed, underemployed, women, minorities, veterans, and disabled.
Required Partners: Michigan Works! Agencies: Capital Area Michigan Works!, Detroit Employment Solutions Corporation, Macomb/St. Clair Workforce Development Board, Oakland County Michigan Works!, Michigan Works! Southeast, and Southeast Michigan Community Alliance. Post-Secondary Community Colleges: Henry Ford College, Macomb Community College, Oakland Community College, Monroe County Community College, Schoolcraft College, and Washtenaw Community College.
Optional Partners: Government: City of Detroit, Office of Early Learning and State of Michigan Department of Labor and Economic Opportunity (LEO). Employers: General Motors, Toyota Motor North America Research & Development, All-Ways Care Services, Inc, Atom Design Services LLC, Burke Architectural Millworker, Day & Ross, FEV North American, RPM Foundation, John Deere/Huston, Inc, International Extrusions, PTM Corporation, and Valiant TMS. Secondary School: The Montessori School of Rochester.
Subrecipient Activities: Outputs include delivery of 350 pre-apprenticeship programs leading to a minimum of 200 registered apprenticeships delivered in non-traditional and traditional sectors; a provision of \$500,000 for training, tuition reimbursement, and journey person stipend funding; providing EEO/AAP policies to small and midsize enterprise to support labor force diversification; engage and meet with employers and develop new AMCAI tools and strategies. Partners will collaborate with sponsors to co-design pre-apprenticeship programs in specific industry sectors. Programing will include basic technical and soft skills that will prepare participants for employment as Registered Apprentices.

Key activities include: 1) Employer engagement; 2) ELC facilitation; 3) Development of participant tracking forms; 4) Monitoring subrecipient performance; 5) Delivering training; 6) Establishing an Intermediary Standards Advisory Council; 7) Recruiting and delivering Intermediary Standards train-the-trainer; 8) Conducting ELC training asset mapping; 9) Developing collateral materials for career awareness building; 10) ART training; 11) Rapidskills Generator training; 12) Developing relationships with the other 22 colleges and universities outside of WIN college network that belong to MODAC for scaling training delivery through online shared learning platforms (as referenced in the MIREV flowchart contained in Other Attachments).

List of Key Credentials(s) to be awarded: Partners will collaborate with Sponsors to co-design pre-apprenticeship programs in specific industry sectors. Programing will include basic technical and soft skills that will prepare participants for employment as Registered Apprentices and hold industry recognized credentials. Examples include Early Childhood Care, Cybersecurity Technician Center for Internet Security, Technology Technician, Engineering Technician, Connected Vehicle Technician, Alternative Energy Technology, Sustainable Engineering, Systems Engineering, Advanced Battery Systems for Vehicles, Artificial Intelligence, Mechatronics, Certified Driver’s License (CDL), Medical and Nursing Assistance, Licensed Practical Nurse, Sterile Processing Technician and Pharmacy Technician certifications and cyber security boot camp, NC Operator, Controls Technician Multi-Skilled Technician, Pharmacy Technician, PLC Programmer, Production Operator, Project Manager, Quality Manager, Robot Programmer, Robot Technician, Welding, Soldering, CATIA, Builder’s Pre-License, Certified Medical Reimbursement Specialist, Laboratory Assistant, Nursing Assistant, Phlebotomy, and Professional Coding Preparation.

SUMMARY OF PROGRAM ACTIVITIES: Develop a **Pre-Apprenticeship Training Academy (PTA)** Training Guide and PTA pre-apprenticeship and registered apprenticeship training delivery, convene a **Health Careers Alliance (HCA)** collaborative of major healthcare systems in Michigan for the development of new pre-apprenticeship and apprenticeship programs in critical and high-demand healthcare occupations, utilize asset mapping for the **Michigan Revolution for Electrification of Vehicles (MIREV)** employer-led collaborative (ELC) to build the electrified vehicle and mobility talent pipeline, promote and deliver intermediary standards holding for apprenticeship programs through the AMCAI team of apprenticeship experts, schedule and deliver informational sessions to employers and presentations at statewide and regional conferences on **EEO/AAP** resources, develop career awareness campaign and literature, explore, develop, and coordinate activities to host and post pre-apprenticeship to apprenticeship certification programs, contribute to the MCCA’s EPiC Consortium taxonomy of all-access collaborative programming as a strategy of *rapid response to employer need*, develop a youth apprenticeship model, create accelerated career pathways by collaborating with employers for entry-level job training to build USDOL Apprenticeship Programs (RAPS) and build employer-led collaboratives, such as MIREV and HCA, following the principles of the U.S. Chamber of Commerce Foundation Talent Pipeline Management methodology

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