

## Abstract

**I-II. Lead Applicant:** Marshall University Research Corporation, on behalf of the Robert C. Byrd Institute for Advanced Flexible Manufacturing (RCBI), Huntington, WV

**III and XII. Primary Partnership Entities and Contact** (PN-private nonprofit; IHE-college)

**A1.** Tooling U-SME (PN); Chad Schron, Division Manager, 216-706-6610, [chad.schron@toolingu.com](mailto:chad.schron@toolingu.com). **A2.** America Makes (PN); Michael A. Hripko, Dep. Dir., Workforce and Educational Outreach, 330-622-4299, [mike.hripko@ncdmm.org](mailto:mike.hripko@ncdmm.org). **A3.** NCATC (PN); J. Craig McAtee, Exec. Dir., 708-326-2509, [ncatc1@gmail.com](mailto:ncatc1@gmail.com). **A4.** BMNT-P (PN); Guy Brynt Parmeter, Principal, Strategy, Operations, and People, (650) 206-8361, [gparmeter@bmntpartners.com](mailto:gparmeter@bmntpartners.com). **A5.** WV Women Work (PN); Janis Gunel, Exec. Dir., 304-598-3821, [jgunel@wvwomenwork.org](mailto:jgunel@wvwomenwork.org). **A6.** WOW (PN); Lauren Sugerman, Dir., 773-964-6428, [lsugerman@wowonline.org](mailto:lsugerman@wowonline.org). **B1.** Region 1 WIB of West Virginia; Angela Henson, Exec. Dir., 304-253-3611, [ahenson@r1workforcewv.org](mailto:ahenson@r1workforcewv.org). **B2.** Region 3 WIB of West Virginia; S. K. Miller, Exec. Dir., 304-344-5760, [skmiller@region3wibkc.org](mailto:skmiller@region3wibkc.org). **B3.** Region 6 WIB; Barbara J. DeMary, Exec. Dir., 304-368-9530, [bdemary@region6wv.org](mailto:bdemary@region6wv.org). **B4.** WIB of Mid Ohio Valley; Joyce Okes, Program Dir., 304-424-7271, ext. 102, [joyce.okes@moverc.org](mailto:joyce.okes@moverc.org). **B5.** WIB of Northwest Georgia; Bruce Bowman, Chair, 706-295-6485. **B6.** Mountwest Community & Technical College (IHE); Steven L. Bowman, Dean, Career & Technical Programs, 304-710-3391. **B7.** Southern WV Community & Technical College (IHE); Joanne Jaeger Tomblin, Pres., 304-896-7439, [Joanne.Tomblin@southernwv.edu](mailto:Joanne.Tomblin@southernwv.edu). **B8.** Zane State College (IHE); Contact: Tracey Tonnous, Dir., Workforce Training, 740-588-1377, [ttonnous@zanestate.edu](mailto:ttonnous@zanestate.edu)

**IV. Additional Key Partners (all businesses):**

**1.** Mohawk Industries; Phil Brown, VP, Human Relations, 706-629-7721, [phil\\_brown@mohawkind.com](mailto:phil_brown@mohawkind.com). **2.** Gestamp; Nancy Paxton, Human Resources Mgr., 304-941-1839, [npaxton@us.gestamp.com](mailto:npaxton@us.gestamp.com). **3.** Orbital ATK; Stewart W. Meadows, TP&O Dir., Human Resources, 304-726-5026, [stewart.meadows@orbitalatk.com](mailto:stewart.meadows@orbitalatk.com). **4.** Fulmin International; Robert Contaldi, CEO/Marketing Dir., 304-738-1103, [rcontaldi@fulmininternational.com](mailto:rcontaldi@fulmininternational.com). **5.** Coach and Equipment Manufacturing Corporation; Steven E. Isaacs, Dir., Human Resources, 315-536-2321. **6.** Aurora Flight Sciences; Eric J. Thompson, Gen. Mgr., 304-848-5953. **7.** General Electric (GE); Edward D. Herderick, Additive Technologies Leader, 513-243-1664, [Edward.herderick@ge.com](mailto:Edward.herderick@ge.com). **8.** Swanson Industries; Robert L. Boyles II, Director of Human Resources, 304-291-5602, [bboyles@swansonindustries.com](mailto:bboyles@swansonindustries.com)

**V-VI. Areas Served/Total Funding Requested:** Nationwide/\$4,991,763;

**VII.** National Advanced Manufacturing Apprenticeship Program (NAMAP);

**VIII. Summary of Program Activities:** NAMAP will expand RCBI's innovative apprenticeship program nationwide; provide career pathways for apprentices; promote advanced manufacturing pre-apprenticeships for women, transitioning military personnel, and disadvantaged youth; and provide standardized, industry-endorsed online RTI and OJL for companies with sites in multiple states. This approach will ensure quality, affordable training regardless of location while providing employees with more mobility within companies.

**IX. Numbers of Individuals to Be Served:** 1000 apprentices and 415 pre-apprentices;

**X. Populations to Be Served:** Advanced manufacturing employees, women, transitioning military personnel, economically disadvantaged youth; **XI. Targeted H-1B**

**Industry/Occupations:** Advanced manufacturing; **XII. See contact info above under III.**