

## **Compo Solutions Technical Assistance Request**

### *I. Introduction*

Compo Solutions, an innovative player in the renewable energy software sector, is excited to participate in the American-Made Challenges. Our mission is to revolutionize the way renewable energy project developers manage all their projects through a single cloud based application. We believe that the American-Made Challenges provide a unique platform to drive innovation and reassert American leadership in the energy marketplace. In this document, we outline specific areas where we seek assistance from the American-Made Network, including national labs, private facilities, power connectors, and network members, to overcome barriers and accelerate the realization of our solution.

### *II. Areas of Assistance*

#### 1. Data Analytics and Integration:

- Request: We require expertise in data analytics and integration to enhance our platform's capability to process and analyze vast amounts of renewable energy project data efficiently.
- Capabilities Needed: National labs and research institutions possess cutting-edge data analytics tools and methodologies that could be leveraged to improve our data processing capabilities. Private facilities with advanced computing infrastructure could facilitate large-scale data processing performance and integration with the Compo platform for processing and reporting on renewable energy project data.

#### 2. Performance Validation and Testing:

- Request: Assistance in validating the performance of our software solutions through real-world testing and validation.
- Capabilities Needed: Access to stress testing and vulnerability scans at national labs would provide a valuable opportunity for rigorous stress testing and validation of our software's performance and cybersecurity under diverse conditions.

#### 3. Market Access and Outreach:

- Request: Support in expanding our market reach and establishing partnerships with industry players.
- Capabilities Needed: The American-Made Network, with its extensive industry connections, can facilitate introductions to key players, specifically to renewable developers, and help us navigate the complex landscape of market entry.

#### 4. Regulatory Compliance:

- Request: Assistance in navigating regulatory requirements and ensuring compliance with industry standards.
- Capabilities Needed: National labs often have expertise in regulatory compliance for energy technologies and can provide guidance on meeting industry standards and regulations.

#### 5. Talent Acquisition:

- Request: Help in identifying skilled professionals and advisors to join our team.
- Capabilities Needed: Members of the American-Made Network can assist by connecting us with talent pools and industry experts who align with our goals. Compo Solutions will be looking to hire software engineers, product managers, quality assurance analysts, customer success managers, and business development professionals.

#### 6. Scaling Deployment:

- Request: Support in scaling up deployment processes for our software solutions.
- Capabilities Needed: Private facilities with experience in scaling technology solutions can offer insights and resources for efficient production deployment of our software.

### *III. Conclusion*

Compo Solutions is eager to collaborate with the American-Made Network, including national labs, private facilities, and network members, to overcome the barriers outlined above. We believe that by working together, we can accelerate the development and deployment of innovative software solutions that will drive the renewable energy industry forward.

We express our sincere gratitude to the American-Made Challenges for providing this platform, and we look forward to engaging with potential partners and supporters within the American-Made Network to realize our vision of a more sustainable and efficient renewable energy landscape.