# Dossier: RE3D, INC.

## SBIR Award Details

**Award Title:** N/A

**Amount:** $1,999,506.00

**Award Date:** 2024-06-21

**Branch:** ARMY

## AI-Generated Intelligence Summary

**Company Overview:**

re:3D, Inc. is a US-based company specializing in large-format additive manufacturing (3D printing), specifically targeting industrial, research, and defense applications where building large parts in a single piece is critical. Their mission is to democratize access to large-scale additive manufacturing, enabling users to create parts previously unattainable due to size or cost constraints. re:3D aims to solve the limitations of traditional 3D printing (small build volumes, high material costs for large parts) by offering affordable and accessible large-scale 3D printers that can utilize a wider range of materials, including recycled plastics. Their unique value proposition lies in providing accessible and cost-effective large-format 3D printing solutions, empowering users to rapidly prototype, manufacture, and innovate at scales previously reserved for specialized industries.

**Technology Focus:**

* Large-Format 3D Printing:\*\* re:3D offers the Gigabot series of industrial 3D printers, capable of printing objects up to 2.4 cubic meters in volume.
* Materials Versatility:\*\* Their printers support a wide range of materials, including engineering-grade thermoplastics, recycled plastics, and composites, promoting sustainability and reducing material costs.

**Recent Developments & Traction:**

* Partnership with US Air Force (2022):\*\* re:3D announced a project with the US Air Force to develop a system for distributed manufacturing and logistics using large-format 3D printing. This focuses on printing drone components and other mission-critical parts on-demand.
* Launch of GBX Series:\*\* re:3D recently launched the GBX series, a new line of large-format 3D printers designed for increased reliability and performance, incorporating feedback from existing Gigabot users.
* Seed Funding Round (undisclosed):\*\* While precise funding details are not publicly available, re:3D has secured seed funding rounds. Exact dates, amounts and lead investors have not been made readily available.

**Leadership & Team:**

* Sandy Miller (CEO):\*\* Sandy Miller brings a track record of entrepreneurial leadership and experience in scaling technology companies.
* The company's team includes engineers and materials scientists with expertise in additive manufacturing and industrial automation.

**Competitive Landscape:**

* Stratasys:\*\* While Stratasys offers a broader range of 3D printing technologies, their large-format solutions often come at a higher price point.
* Cincinnati Incorporated:\*\* Cincinnati Incorporated offers large-scale additive manufacturing equipment; however, re:3D differentiates itself through its focus on accessibility and the use of recycled materials, which allows them to offer a more cost-effective solution.

**Sources:**

1. [https://re3d.org/](https://re3d.org/)

2. [https://www.3dprintingmedia.network/re3d-air-force-large-format-3d-printing/](https://www.3dprintingmedia.network/re3d-air-force-large-format-3d-printing/)

3. [https://www.youtube.com/watch?v=l1xUo-4v48U](https://www.youtube.com/watch?v=l1xUo-4v48U)