

**Department of Defense  
Office of Economic Adjustment  
Year 2 grant project:**

# **Innovation Center for Design and Manufacturing**

## **Advisory Council**

January 25, 2017

# Innovation Center for Design and Manufacturing

## Year 2 Tasks

### Task 1: Creation of an Innovation Center for Design and Manufacturing

Task 1.1 – Finalize the prospectus, pro forma and determine final costs

Task 1.2 – Perform site selection and architectural drawings

### Task 2: Implementing a Design Readiness Service Package for 53 companies (now called Manufacturing Innovation Challenge (MIC))

Task 2.1 – Level 1 Design Readiness Assessments (DRAs) for 30 companies

Task 2.2 – Level 2 DRAs for 20 companies

Task 2.3 – Level 3 DRAs for 3 companies

### Task 3: Development of curriculum for a design-manufacturing certificate

Task 3.1 – Exploration and research on approach and pricing model

Task 3.2 – Develop a design manufacturing company training program

Task 3.3 – Make available to other OEA grantees

# Innovation Center for Design and Manufacturing - Year 2

## Contractors

**Polaris MEP (Tasks 1, 2.1, 2.2 & 4)**

**Design Catalyst LLC (Task 2.3)**

**RI School of Design (RISD) (Task 3)**

**Bryant University (Task 3)**

# Innovation Center for Design and Manufacturing

## A Path to Development

### COMPLETED

- ✓ Landscape analysis of need
- ✓ Analysis of manufacturing base
- ✓ Development of equipment database through outreach
- ✓ Review of other design and manufacturing centers
- ✓ Apply for additional funds from Dept. of Defense for continuation of programs and startup support of ICDM
- ✓ Conducted Pilot of Design Readiness Assessments – identifying equipment needs

### UNDER DEVELOPMENT

- Create an Innovation Center for Design and Manufacturing plan, budget, business model
- Continue DRAs (MIC) with multi-level programs
- Establish a Design/Manufacturing Certificate Program
- Seek Investors (i.e.; Public and Private Sector)

# Innovation Center for Design and Manufacturing

## A Path to Development

### Challenges

- **ICDM and the right business model**
- **ICDM and Private / Public Partnership**
- **Sustainability of the MIC and various levels of assessment**
- **Sustainability of the Design/Manufacturing Certificate Programs**