

## DATA ITEM DESCRIPTION

### Title: Critical Industrial Base Data

**Number: DI-MGMT-82209**

**AMSC Number: 9928**

**DTIC Applicable: No**

**Preparing Activity: MDA**

**Applicable Forms: None**

**Approval Date: 20180424**

**Limitation: N/A**

**GIDEP Applicable: No**

**Project Number: MGMT-2018-030**

**Use/Relationship:** The Critical Industrial Base Data is a summary of prime and sub-tier supplier data, their respective products, and supplemental data to aid in supply chain risk management. The Critical Industrial Base Data shall be utilized to perform risk management at the component, program, and supplier level.

This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement for this data included in the contract.

#### Requirements:

1. Format. The Critical Industrial Base Data list shall be prepared by the prime and each sub tier of the supply chain and shall be in the following format below.
2. Content. The report shall contain the following:

##### 2.1. Supplier Data:

- 2.1.1. Supplier Name
- 2.1.2. CAGE Code
- 2.1.3. City
- 2.1.4. County
- 2.1.5. State
- 2.1.6. Country
- 2.1.7. Is company foreign owned (Y/N)
- 2.1.8. DUNS #
- 2.1.9. Foreign Supplier (T/F)

##### 2.2. Hardware/Technology Data

- 2.2.1. Part Name
- 2.2.2. Technology Type
- 2.2.3. Next Higher Assembly

### **2.3. Supplier Supplemental Data**

#### 2.3.1. DoD Low Reliance Risk:

What percentage of this business is attributable to DoD products

2.3.1.1 XX%

### **2.4. Hardware/Technology Supplemental Data**

#### 2.4.1. Alternate Capability/Technology

Examines if there are other items either in COTS or a similar capability in another program that could be substituted if an item were discontinued or otherwise made unavailable.

2.4.1.1. Alternatives exist and are currently used in other DoD programs.

2.4.1.2. Alternatives exist but not preferred.

2.4.1.3. Workarounds are possible with moderate impact to programs.

2.4.1.4. Alternative items exist with severe cost and schedule impact to program.

2.4.1.5. No alternatives exist, product required for program.

#### 2.4.2. Impact to Program Cost/Schedule if Lost

2.4.2.1. An estimate of relative degradation of budget or delivery schedule if an item were discontinued or otherwise made unavailable.

2.4.2.2. No effect to programs.

2.4.2.3. Workarounds available with cost and schedule impact to programs.

2.4.2.4. Program halt or severe delay.

#### 2.4.3. Defense Unique

Inventories the uses of an item both commercially and in government to determine if its current use in DoD is its only use.

2.4.3.1. 80% or more commercial market.

2.4.3.2. 30-60% commercial. Low barriers to enter market.

2.4.3.3. 30-60% commercial. Significant and costly barriers to entry.

2.4.3.4. 20% or less commercial. Relatively low barriers to entry.

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2.4.3.5. 20% or less commercial. Significant and costly barriers to enter market.

### 2.4.4. Defense Design requirements.

Examines if an item is especially complicated or made to a significantly higher standard to increase its reliability or maintainability for DoD needs.

2.4.4.1. Designs are commercially available. Minimal defense-related knowledge required.

2.4.4.2. Designs are commercially available, but some defense-specific (non-commercial) knowledge required.

2.4.4.3. Specialized and defense-specific, no workforce issues near term.

2.4.4.4. Specialized and defense specific, potential workforce issues near term. (e.g., limited availability)

2.4.4.5. Highly specialized and limited workforce (e.g., unique defense parameters, security clearance, proprietary practices).

## 2.5. Supplier/Technology Supplemental Data

### 2.5.1. Foreign Source

A supplier condition of being non-US owned and operated as well as an item condition of being produced by non-US owned and operated supplier(s); typically foreign suppliers are less accommodating with BMDS delivery issues and schedule adjustments and are prone to higher volatility.

2.5.1.1. US suppliers are most desirable and available at all times.

2.5.1.2. US suppliers are capable and qualified but non-US suppliers are competitively more desirable.

2.5.1.3. US suppliers exist but are not qualified.

2.5.1.4. No US supplier exists.

### 2.5.2. Single Source

Examines the current number of suppliers of an item alongside the number of potential suppliers that are either qualified or could potentially be qualified in a reasonable amount of time.

2.5.2.1. Multiple suppliers (>3) exist and supply competitively to prime contractors.

2.5.2.2. At least two or more current suppliers for item, additional potential suppliers.

2.5.2.3. Two or more current or potential suppliers.

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2.5.2.4. One qualified supplier in the market but other supplier options exist.

2.5.2.5. Only a single source is available to produce qualified product.

### 2.5.3. Firms in Sector

Examines the number of suppliers of similar items and the potential for qualifying them should the need arise.

2.5.3.1. Over 10

2.5.3.2. 6-10

2.5.3.3. 3-5

2.5.3.4. 1-2

2.5.3.5. Only 1

### 2.5.4. Workforce Skills Required

Examines whether the skills required to produce the technology are highly advanced, specialized, difficult to train and duplicate, or otherwise rare.

2.5.4.1. Minimal critical skills required, expertise commonly available or easily obtained.

2.5.4.2. Highly specialized, but processes well documented, no workforce issues. New employees trained within 6 months.

2.5.4.3. Highly specialized field, more art than science, many specialists knowledgeable, no near term workforce issues.

2.5.4.4. Highly specialized field, more art than science, limited specialists, no workforce issues in the near term.

2.5.4.5. Highly specialized field, more art than science, limited specialists, diminishing workforce.

### 2.5.5. Infrastructure and Equipment

Examines the complexity and specialization of equipment in the manufacturing processes of a critical technology or hardware item.

2.5.5.1. Commonly available infrastructure, no specialized needs.

2.5.5.2. Commonly available infrastructure, but will require minimal customization.

2.5.5.3. Specialized infrastructure required, can be used for other commercial products.

2.5.5.4. Specialized infrastructure required, can be used for other DoD-specific products.

2.5.5.5. Highly specialized diminishing and obsolescent infrastructure, recapitalization possible at high cost.

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2.5.5.6. Highly specialized and dedicated infrastructure/equipment required, diminishing and becoming obsolete.

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