

# PRODUCT STORAGE AND HANDLING REQUIREMENTS

Section: 01 66 00

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## PART 1 - GENERAL

### 1.1 SUMMARY

This Section covers the requirements for the storage, protection, and maintenance of construction materials and storage areas on the Project.

## PART 2 - PRODUCTS

Not Used.

## PART 3 - EXECUTION

### 3.1 STORAGE, GENERAL

The Contractor shall provide for the storage of construction materials and products for the Work of the Project in accordance with the following:

- A. Store products, immediately upon delivery at a location approved by the Owner's Authorized Representative (OAR), in accordance with manufacturer's instructions, with seals and labels intact. Protect such products until in final installed condition.

Material shall not be stored in the ramp/operational terminal areas.

- B. Deliver products too large to fit through openings to the Project site in advance of the time enclosing walls and roofs are erected. Set such products in place on raised cribs.
- C. Arrange storage in a manner to provide access for maintenance of stored items and for inspection.
- D. Inspect stored products frequently to ensure that the products are maintained in acceptable conditions.
- E. Replace any products determined to be damaged upon delivery or damaged while in storage. A Contract Time extension will not be granted for re-ordering of the damaged products.
- F. Provide access to the OAR for progress payment verification and approval purposes.
- G. Arrange for ordering and storing approved long lead items.
- H. Provide bonded off-site storage and protection when the Project site does not permit on-site storage or protection.

### 3.2 ENCLOSED STORAGE

The Contractor shall provide adequate enclosed product storage on the Project site meeting the following requirements:

- A. Store products, subject to damage by the elements, in substantial weather-tight enclosures.
- B. Maintain temperature, humidity, and ventilation as required by the manufacturer's instructions.
- C. Store unpacked and loose products on shelves, in bins, or in neat groups of like items.

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#### **3.3 EXTERIOR STORAGE**

The Contractor shall provide exterior storage on the Project site meeting the following requirements:

- A. Provide substantial platforms, blocking, or skids, to support fabricated products above ground; slope to provide drainage. Protect products from rusting, disfigurement, soiling, staining and damage.
- B. Cover products subject to deterioration from exposure to the elements with impervious sheet materials and provide adequate ventilation to avoid condensation.
- C. Store loose granular materials on clean, solid surfaces such as pavement, or on rigid sheet materials, to prevent mixing with foreign matter.
- D. Provide positive surface drainage to prevent erosion and ponding of water.
- E. Prevent mixing of refuse or chemically injurious materials or liquids.
- F. Do not stockpile materials higher than 30 feet unless shown otherwise in the Plans or as directed by the OAR.

#### **3.4 MAINTENANCE OF EQUIPMENT STORAGE**

The Contractor shall protect and maintain mechanical and electrical equipment in storage throughout the Project including, but not limited to, the following:

- A. Provide the supplier's service instructions on the exterior of the package.
- B. Service equipment on a regular basis as recommended by the supplier. Maintain a log of maintenance services and submit the log as Record Data at the Final Completion of the Project.
- C. Provide power to and energize space heaters for all equipment for which these devices are provided.
- D. Provide temporary enclosures for all electrical equipment, including electrical systems on mechanical devices. Provide and maintain heat in the enclosures until equipment is energized.

## **PART 4 - MEASUREMENT AND PAYMENT**

Not Used.

**- END OF SECTION -**