

DATA ITEM DESCRIPTION

Title: Site Preparation Requirements and Installation Plan

Number: DI-MGMT-80033A

AMSC Number: 7617

DTIC Applicable: No

Office of Primary Responsibility: NS/DA02

Applicable Forms: N/A

Approval Date: 30 OCT 2006

Limitation: N/A

GIDEP Applicable: No

Use/relationship:

The Site Preparation Requirements and Installation Plan defines requirements and responsibilities for the coordinated, integrated Government and contractor site preparation and installation efforts of the deliverable end product(s).

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

This DID may be applied in any program phase and contract which contains Site preparation requirements.

This DID supersedes DI-MGMT-80033.

Requirements:

1. Reference documents. None.
2. General. The following general instructions shall apply to the Site Preparation Requirements and Installation Plan:
 - a. Text – Typewritten or by such other office composition machine(s) as may be available, provided no additional cost is incurred by the Government for such method of preparation and the delivered plan can be reproduced by standard office copying equipment.
 - b. Diagram/Drawing – Be in accordance with the contractor's standard engineering drawing practices.

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- c. Illustration/Graphs – Illustrative material, e.g., charts, graphs, photographs, sketches, etc., shall be in accordance with the contractor’s normal methods for such data.
 - d. Legibility – The complete plan, including appendices, attachments, illustrations, graphics, etc., shall be clear, legible and reproducible.
3. Format. The plan shall be in Contractor’s format.
4. Content. Contents of the plan shall include the following as applicable:
- a. A detailed description by major subheadings, of all installation work to be done by the contractor at the site, to include scheduling and dependency of the various tasks.
 - b. A site layout plan including detailed layouts (placement) of all equipment, racks, cabinets and console.
 - c. General equipment specification to include:
 - 1. Physical specifications – height, length, width, and weight (floor loading) of each equipment rack, cabinet and console.
 - 2. Equipment rack, cabinet and console template.
 - 3. Manufacturer’s specific machine configuration and space requirements.
 - 4. Maintenance access requirements for each equipment, rack cabinet and console.
 - 5. Special operational line-of-sight requirements between various equipment.
 - d. A lighting plan to include general and special lighting requirements.
 - e. A site and/or facility construction section detailing all required structural modifications or additions plans.
 - f. An electrical power utilization section to include requirements plans for:

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1. Input voltages, frequency, and tolerances.
 2. Grounding.
 3. KVA required for each rack, cabinet and console and the type of termination to government's power supply, cable connections, terminal strip, etc.
 4. Phasing number and color code of conductors per cabinet.
 5. Location of power and signal entry points and their respective hole sizes.
 6. Generator and control cabinet dimensions and specifications, control wiring and emergency off requirements.
- g. A section containing the plans for an equipment inter-unit cabling, wave guide and wiring, and lists.
- h. A cooling section containing plans which show facility and equipment air conditioning requirements, water requirements, and any special cooling requirements, to include:
1. Operating areas environmental conditions:
 - (a) Temperature range
 - (b) Relative humidity range
 - (c) Atmospheric pressure
 2. Equipment air conditioning requirements which shall specify:
 - (a) Type of air conditioning required, i.e., ambient or forced air. If forced air is indicated, required static air pressure shall be specified.
 - (b) Type of air carrier, i.e., sub floor or overhead duct
 - (c) Location of each equipment rack, cabinet and console of the required overhead ducts of sub floor opening and their respective sizes.
 - (d) Equipment operating and non-operating environmental conditions, e.g., temperature, atmospheric pressure and relative humidity
 3. Operating requirements and capabilities of air conditioning equipment to include:
 - (a) Temperature range
 - (b) KVA
 - (c) BTUs
 - (d) C.F.M./each, temperature, relative humidity range

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i. Shipping requirements and related information to include:

1. Names of time span of contractor personnel to be used at the installation site to ascertain delivery routes, dock facilities and to perform equipment installation.
 2. Special requirements for on-site movement of equipment/systems.
5. END OF DI-MGMT-80033A