

## Small Facilities Requirements List

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### 1) SERVER FARM

- a) Total space: 1,850 SF
  - i) Raised Floor: 1,329 SF
    - (1) Floor Load: 150 PSF
  - ii) Equipment Room: 521 SF
    - (1) Floor Load: 450 PSF
  
- b) Power:
  - i) Primary Power: As required
  - ii) Secondary Power: 480 Volts
  - iii) Utility Full Load Amperage: 380
  - iv) Phase: 3
  
- c) Raised Floor Height: 18"-24"
  
- d) Total Slab to Understructure Clearance: 12.5'
  
- e) Air Conditioning:
  - i) Area: 500 SF
  - ii) Loading (if installed on roof): 35 PSF
  
- f) Standby Generator 450 SF
  - i) If not currently present, ISF will provide a standby generator. The GFF site selection must ensure that the following minimums are met:
    - (1) A location for the standby generator is within close proximity to the Server Farm
    - (2) The local Authorities Having Jurisdiction (AHJ) will allow a standby generator to be installed, including:
      - (a) Regional Air Quality Management District
      - (b) Regional / Local Noise Attenuation Restrictions
      - (c) Local / Regional Fire Marshals / Base PWO
      - (d) Local / Regional Coastal Commissions
    - (3) Fueling and re-fueling can be accessed by mid to large size trucks.
    - (4) Soil conditions are adequate for the ISF Facilities teams to design and install the generator pads sufficient enough to support the weights.
  
- g) Fire Suppression:
  - (1) Space has an adequate supply of fire suppression water.
  
- h) Asbestos and other hazardous materials:
  - (1) Asbestos and other hazardous materials free. OR
  - (2) Asbestos and other hazardous materials will be encapsulated in final construction, OR
  - (3) Asbestos and other hazardous materials will be removed by the station prior to start of construction AND
  - (4) A new, detailed hazardous materials survey was conducted on \_\_\_\_\_.
  
- i) Relocation of existing personnel and assets:

- (1) Personnel and equipment will be removed prior to turning the facility over to the contractor.

Note: Admin and warehouse spaces should be as close to the Server Farm area as possible.

## 2) PERMANENT ADMIN

- a) Total space: 700 SF
- b) Should be space currently or previously used for administrative purpose, i.e. should have drop ceiling, etc.
- c) Should be space currently or previously used for administrative purpose, i.e. should have drop ceiling, etc.
- d) Fire Suppression:
  - i) Space has an adequate supply of fire suppression water.
- e) Asbestos and other hazardous materials:
  - i) Asbestos and other hazardous materials free. OR
  - ii) Asbestos and other hazardous materials will be encapsulated in final construction, OR
  - iii) Asbestos and other hazardous materials will be removed by the station prior to start of construction AND
  - iv) A new, detailed hazardous materials survey was conducted on \_\_\_\_\_.
- f) Relocation of existing personnel and assets:
  - i) Personnel and equipment will be removed prior to turning the facility over to the contractor.
- g) Space is in close proximity to the Server Farm.

## 3) TEMPORARY ADMIN

- a) Total space: 400 SF
- b) Must be space currently used for administration, meetings, or like function
- c) Fire Suppression:
  - i) Space has an adequate supply of fire suppression water.
- d) Asbestos and other hazardous materials:
  - i) Asbestos and other hazardous materials free. OR
  - ii) Asbestos and other hazardous materials will be encapsulated in final construction, OR
  - iii) Asbestos and other hazardous materials will be removed by the station prior to start of construction AND
  - iv) A new, detailed hazardous materials survey was conducted on \_\_\_\_\_.
- e) Relocation of existing personnel and assets:
  - i) Personnel and equipment will be removed prior to turning the facility over to the contractor.
- f) Space is in close proximity to the Server Farm.

#### 4) PERMANENT WAREHOUSE

- a) Total space: 1,600 SF
- b) Total Slab to Understructure Clearance: 25'
  - i) If a warehouse facility with less overhead space is proposed, it should have an increased footprint to provide the required volume
- c) Fire Suppression:
  - i) Space has an adequate supply of fire suppression water.
- d) Asbestos and other hazardous materials:
  - i) Asbestos and other hazardous materials free. OR
  - ii) Asbestos and other hazardous materials will be encapsulated in final construction, OR
  - iii) Asbestos and other hazardous materials will be removed by the station prior to start of construction AND
  - iv) A new, detailed hazardous materials survey was conducted on \_\_\_\_\_.
- e) Relocation of existing personnel and assets:
  - i) Personnel and equipment will be removed prior to turning the facility over to the contractor.
- f) Space is in close proximity to the Server Farm.
- g) Loading dock

#### 5) TEMPORARY WAREHOUSE

- a) Total space: 2,000 SF
- b) Total Slab to Understructure Clearance: 25'
  - i) If a warehouse facility with less overhead space is proposed, it should have an increased footprint to provide the required volume
- c) Fire Suppression:
  - i) Space has an adequate supply of fire suppression water.
- d) Asbestos and other hazardous materials:
  - i) Asbestos and other hazardous materials free. OR
  - ii) Asbestos and other hazardous materials will be encapsulated in final construction, OR
  - iii) Asbestos and other hazardous materials will be removed by the station prior to start of construction AND
  - iv) A new, detailed hazardous materials survey was conducted on \_\_\_\_\_.
- e) Relocation of existing personnel and assets:
  - i) Personnel and equipment will be removed prior to turning the facility over to the contractor.
- f) Space is in close proximity to the Server Farm.
- g) Loading dock

## 6) TYPICAL SMALL SERVER FARM FLOORPLAN

