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Preparing Activity: NASA

## UNIFIED FACILITIES GUIDE SPECIFICATIONS

References are in agreement with UMRL dated July 2007

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SECTION 01 50 00.00 40

### TEMPORARY FACILITIES AND CONTROLS 04/06

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NOTE: This specification covers the requirements for temporary utilities, safety systems, construction traffic provisions, and construction signage.

Edit this guide specification for project specific requirements by adding, deleting, or revising text. For bracketed items, choose applicable items(s) or insert appropriate information.

Remove information and requirements not required in respective project, whether or not brackets are present.

Comments and suggestions on this guide specification are welcome and should be directed to the technical proponent of the specification. A listing of technical proponents, including their organization designation and telephone number, is on the Internet.

Recommended changes to a UFGS should be submitted as a Criteria Change Request (CCR).

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## PART 1 GENERAL

### 1.1 SUMMARY

Requirements of this Section apply to, and are a component of, each section of the specifications.

### 1.2 REFERENCES

\*\*\*\*\*

NOTE: This paragraph is used to list the publications cited in the text of the guide specification. The publications are referred to in the text by basic designation only and listed in this paragraph by organization, designation, date, and title.

Use the Reference Wizard's Check Reference feature when you add a RID outside of the Section's Reference Article to automatically place the reference in the Reference Article. Also use the Reference Wizard's Check Reference feature to update the issue dates.

References not used in the text will automatically be deleted from this section of the project specification when you choose to reconcile references in the publish print process.

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The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

U.S. FEDERAL AVIATION ADMINISTRATION (FAA)

FAA AC 70/7460-1

(Rev K; Change 1) Obstruction Marking and Lighting

### 1.3 SUBMITTALS

Not Used

## PART 2 PRODUCTS

### 2.1 CONSTRUCTION SIGN

Contractor shall provide a construction identification sign.

Sign shall comprise a face sheet of 1220 by 2438 millimeter 4- by 8-foot exterior grade plywood, 13 millimeter 1/2-inch thick, mounted on a substantial frame of treated lumber. Frame and sign shall be given one coat of lead-free alkyd primer paint and two coats of an exterior type white enamel.

### 2.2 CONSTRUCTION DETAILS

Lettering and further details of construction shall be in accordance with the drawings.

## PART 3 EXECUTION

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NOTE: Delete inapplicable paragraphs, selecting desired options for electricity, water, gas, heating and ventilating, sanitary, and fire protection facilities.  
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### 3.1 TEMPORARY UTILITIES

Contractor shall provide temporary utilities required for construction. Materials may be new or used, shall be adequate for the required usage, shall not create unsafe conditions, and shall not violate applicable codes and standards.

Contractor shall provide a minimum of 2 aviation red or high intensity white obstruction lights on temporary structures (including cranes) over 30 meter 100 feet above ground level. Light construction and installation shall comply with FAA AC 70/7460-1. Lights shall be operational during periods of reduced visibility, darkness, and as directed by the Contracting Officer.

#### 3.1.1 Electricity

Contractor shall provide connections, sized to provide service required for power and lighting. Feeder and branch wiring with area distribution boxes shall be located so that power is available throughout the project site by use of power cords. [120/240] [and] [480] electrical volt feeder service is available. Lighting shall be provided by the Contractor. Electricity used will [not] be furnished by the Government. [Maximum power supplied by the Government will be [\_\_\_\_].]

#### 3.1.2 Water

Contractor shall make connections to existing facilities to provide water for construction purposes. Water used will [not] be furnished by the Government.

#### 3.1.3 Telephone Service

Contractor shall provide telephone service. Contractor shall pay costs of service.

#### 3.1.4 Sanitary Facilities

[Contractor shall provide temporary sanitary facilities and shall service, clean, and maintain these facilities and enclosures. Temporary facilities shall be removed from the site at the completion of the work.]

[Contractor may use existing sanitary facilities during the construction period.]

#### 3.1.5 Fire Protection

Contractor shall provide temporary fire protection equipment for the protection of personnel and property during construction. Debris and flammable materials shall be removed [daily] [weekly] [monthly] to minimize potential hazards.

### 3.2 SIGNS

#### 3.2.1 Construction Sign

Within 30 calendar days after notice to proceed, the Contractor shall install the construction identification sign at the location designated by the Contracting Officer.

#### 3.2.2 Other Signs and Advertisements

Only signs necessary to expedite deliveries, maintain traffic flow, promote safety (e.g. caution, danger, blasting, hardhat area), and prevent interference with Government operations shall be erected.

### 3.3 TRAFFIC PROVISIONS

#### 3.3.1 Maintenance of Traffic

Contractor shall conduct his operations in a manner that will not close any thoroughfare or interfere in any way with traffic on railways or highways except with written permission of the Contracting Officer. Contractor may move oversized and slow-moving vehicles to the worksite provided requirements of the highway authority have been met.

Work shall be conducted so as to minimize obstruction of traffic, and traffic shall be maintained on at least half of the roadway width at all times. Approval shall be obtained from the Contracting Officer prior to starting any activity that will obstruct traffic.

Contractor shall provide, erect, and maintain, at his own expense, lights, barriers, signals, passageways, detours, and other items, that may be required by the Life Safety Signage, overhead protection authority having jurisdiction.

#### 3.3.2 Rush Hour Restrictions

Contractor shall not interfere with the peak traffic flows preceding and during normal operations for [\_\_\_\_\_] without notification to and approval by the Contracting Officer.

#### 3.3.3 Dust Control

Contractor's dust control methods and procedures shall be approved by the Contracting Officer. Dust abatement on access roads shall be treated with applications of calcium chloride, water sprinklers, or similar methods or treatment.

### 3.4 TEMPORARY STRUCTURES

\*\*\*\*\*  
**NOTE: Insert center regulatory document number and  
time period compliance.**  
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Contractor-owned or -leased trailers shall be identified by Government assigned numbers. Required number shall be furnished by the Government. Size and location of the number shall comply with [\_\_\_\_]. Contractor shall apply the number to the trailer within [14] [\_\_\_\_] calendar days of notification, or sooner, if directed by the Government.

### 3.5 PROTECTION OF EXISTING SYSTEMS

#### 3.5.1 Utility

Connection to existing utilities, identified on the drawings to the Contractor, shall be protected from damage during construction activity.

#### 3.5.2 Safety

Contractor shall protect the integrity of any installed safety systems or personnel safety devices.

If entrance into systems serving safety devices is required, the Contractor

shall obtain prior approval from the Contracting Officer. If it is temporarily necessary to remove or disable personnel safety devices in order to accomplish contract requirements, the Contractor shall provide alternative means of protection prior to removing or disabling any permanently installed safety devices or equipment and shall obtain prior approval from the Contracting Officer.

### 3.6 DRAINAGE AND EROSION CONTROL

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NOTE: Enter agency address regulating stormwater  
management, sediment and erosion control. Number of  
copies of the construction schedule are dependent  
upon the regulatory agency requirements.  
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Governing agency address is [\_\_\_\_\_].

Contractor shall submit [\_\_\_\_\_] copy of the proposed construction plan addressing erosion, sediment and drainage control to [\_\_\_\_\_] and to the Government. Agency's written approval shall be obtained and submitted to the Contracting Officer prior to commencement of work.

-- End of Section --