
SECTION 5 TENANT IMPROVEMENT COMPONENTS

5.01 TENANT IMPROVEMENT REQUIREMENTS (OCT 2016)

The TIs shall be designed, constructed, and maintained in accordance with the standards set forth in this Lease. For pricing, only those requirements designated within this Section 5, or designated as TIs within the attached agency requirements and Security Requirements, shall be deemed to be TI costs.

5.02 TENANT IMPROVEMENT SPECIFICATIONS (SEP 2015)

With respect to the following bulleted paragraphs, the Government accepts the tenant improvements in their existing condition. Notwithstanding this acceptance, the requirements under these paragraphs shall pertain to future repair or replacement due to maintenance or alterations performed throughout the term of the Lease.

- DOORS: INTERIOR
- DOORS: HARDWARE
- PARTITIONS; SUBDIVIDING
- HEATING AND AIR CONDITIONING
- ELECTRICAL: DISTRIBUTION
- LIGHTING: INTERIOR AND PARKING - TI

~~5.03 FINISH SELECTIONS INTENTIONALLY DELETED~~

~~5.04 WINDOW COVERINGS INTENTIONALLY DELETED~~

~~5.05 DOORS: SUITE ENTRY INTENTIONALLY DELETED~~

5.06 DOORS: INTERIOR (SEP 2013)

Doors within the Space shall be provided as part of the TIs and shall have a minimum clear opening of 32" wide x 80" high. Doors shall be flush, solid core, wood with a natural wood veneer face or an equivalent door pre-approved by the LCO. Hollow core wood doors are not acceptable. They shall be operable with a single effort, and shall meet the requirements of NFPA 101, Life Safety Code or the International Building Code (current as of the Lease Award Date). Doors shall be installed in a metal frame assembly which is primed and finished with a low VOC semi-gloss oil-based paint with no formaldehyde.

5.07 DOORS: HARDWARE (SEP 2013)

Doors shall have door handles or door pulls with heavyweight hinges. The Lessor is encouraged to avoid the use of chrome-plated hardware. All doors shall have corresponding doorstops (wall- or floor-mounted) and silencers. All door entrances leading into the Space from public corridors and exterior doors shall have automatic door closers. Doors designated by the Government shall be equipped with 5-pin, tumbler cylinder locks and strike plates. All locks shall be master keyed. Furnish at least two master keys for each lock to the Government. Any exterior entrance shall have a high security lock, with appropriate key control procedures, as determined by Government specifications. Hinge pins and hasps shall be secured against unauthorized removal by using spot welds or pinned mounting bolts. The exterior side of the

door shall have a lock guard or astragal to prevent tampering of the latch hardware. Doors used for egress only shall not have any operable exterior hardware. All security-locking arrangements on doors used for egress shall comply with requirements of NFPA 101 or the International Building Code current as of the Lease Award Date.

5.08 DOORS: IDENTIFICATION INTENTIONALLY DELETED

5.09 PARTITIONS: SUBDIVIDING (SEP 2015)

A. Office subdividing partitions shall comply with applicable building codes and local requirements and ordinances and shall be provided as part of the TIs. Partitioning shall extend from the finished floor to the finished ceiling and shall be designed to provide a minimum sound transmission class (STC) of 37. Partitioning shall be installed by the Lessor at locations to be determined by the Government as identified in the DIDs, if applicable. They shall have a flame spread rating of 25 or less and a smoke development rating of 450 or less (ASTM E-84).

B. HVAC shall be rebalanced and lighting repositioned, as appropriate, after installation of partitions.

C. If installed in accordance with the "Automatic Fire Sprinkler System" and "Fire Alarm System" paragraphs, sprinklers and fire alarm notification appliances shall be repositioned as appropriate after installation of partitions to maintain the level of fire protection and life safety.

D. Partitioning requirements may be satisfied with existing partitions if they meet the Government's standards and layout requirements.

E. Newly installed gypsum board material must be Greenguard Gold Certified or have 0 grams per liter of VOCs.

5.10 WALL FINISHES (JUN 2012)

If the Government chooses to install a wall covering, the minimum standard is vinyl-free, chlorine-free, plasticizer-free wall covering with recycled content or bio-based commercial wall covering weighing not less than 13 ounces per square yard or equivalent. If the Government chooses to install a high-performance paint coating, it shall comply with the VOC limits of the Green Seal Standard GS-11.

5.11 PAINTING—TI (OCT 2017)

A. Prior to acceptance, all surfaces within the Space which are designated by GSA for painting shall be newly finished in colors acceptable to the Government.

B. The Lessor shall provide interior paints, primers, coatings, stains, and sealers that meet or are equivalent to the Green Seal GS-11 standard that incorporates environmental, health, and performance criteria.

C. The Lessor shall use reprocessed latex paint in accordance with EPA's CPG (Comprehensive Procurement Guidelines) on all painted surfaces where feasible. The type of paint shall be acceptable to the Government.

5.12 FLOOR COVERINGS AND PERIMETERS (OCT 2017)

A. Broadloom carpet or carpet tiles shall meet the requirements set forth in the specifications below. Floor perimeters at partitions shall have wood, rubber, vinyl, or carpet base. Floor covering shall be installed in accordance with manufacturing instructions to lay smoothly and evenly.

B. The use of existing carpet may be approved by the Government; however, existing carpet shall be repaired, stretched, and cleaned before occupancy and shall meet the static buildup requirement as stated in the specifications below.

C. Any alternate flooring shall be pre-approved by the Government.

D. SPECIFICATIONS FOR CARPET TO BE NEWLY INSTALLED OR REPLACED

1. Product sustainability and environmental requirements. Floor covering and perimeter products must meet at least one of the environmentally preferable criteria within the non-federal, multi-attribute standards and ecolabels categories, as outlined under the Green Procurement Compilation at WWW.SFTOOL.GOV/GREENPROCUREMENT.

2. Face fiber content. Face yarn must be 100 percent nylon fiber. Loop Pile shall be 100 percent Bulk Continuous Filament (BCF); cut and loop shall be 100 percent BCF for the loop portion and may be BCF or staple for the cut portion; cut pile carpet shall be staple or BCF.

3. Performance requirements for broadloom and modular tile:

a. Static: Less than or equal to 3.5 kV when tested by AATCC Test Method 134 (Step Test Option).

b. Flammability: Meets CPSC-FF-1-70, DOC-FF-1-70 Methenamine Tablet Test criteria.

c. Flooring Radiant Panel Test: Meets NFPA 253 Class I or II depending upon occupancy and fire code when tested under ASTM E-648 for glue down installation.

d. Smoke Density: NBS Smoke Chamber - Less than 450 Flaming Mode when tested under ASTM E-662.

NOTE: Testing must be performed in a NVLAP accredited laboratory.

4. Texture Appearance Retention Rating (TARR). Carpet must meet TARR rating of at least 3.0 TARR for moderate traffic areas such as private offices, and heavy traffic areas such as training space, conference rooms, courtrooms, etc., and at least 3.5 TARR for severe traffic areas, including open office space, cafeteria, corridors and lobbies. The carpet must be evaluated using ASTM D-5252 Hexapod Drum Test as per the commercial carpet test procedure and the TARR classification determined using ASTM D-7330.

5. Carpet reclamation. Reclamation of existing carpet to be determined with potential vendor. When carpet is replaced, submit certification documentation from the reclamation facility to the LCO.

6. Warranty. Submit a copy of the manufacturer's standard warranty to the LCO within the first 60 days of Government occupancy. The Government is to be a beneficiary of the terms of this warranty.

5.13 HEATING AND AIR CONDITIONING (JUN 2012)

Zone Control. Provide individual thermostat control for office Space with control areas not to exceed 1,500 NUSF. Interior spaces must be separately zoned. Specialty occupancies (conference rooms, kitchens, etc.) must have active controls capable of sensing Space use and modulating HVAC system in response to Space demand. Areas that routinely have extended hours of operation shall be environmentally controlled through dedicated heating and air conditioning equipment. Special purpose areas (such as photocopy centers, large conference rooms, computer rooms, etc.) with an internal cooling load in excess of 5 tons shall be independently controlled. Provide concealed package air conditioning equipment to meet localized spot cooling of tenant special equipment. Portable space heaters are prohibited.

5.14 ELECTRICAL: DISTRIBUTION (SEP 2015)

A. All electrical, telephone, and data outlets within the Space shall be installed by the Lessor in accordance with the DIDs, if applicable. All electrical outlets shall be installed in accordance with NFPA Standard 70.

B. All outlets within the Space shall be marked and coded for ease of wire tracing; outlets shall be circuited separately from lighting. All floor outlets shall be flush with the plane of the finished floor. Outlet cover colors shall be coordinated with partition finish selections.

C. The Lessor shall in all cases safely conceal outlets and associated wiring (for electricity, voice, and data) to the workstation(s) in partitions, ceiling plenums, in recessed floor ducts, under raised flooring, or by use of a method acceptable to the Government.

~~5.15 TELECOMMUNICATIONS: DISTRIBUTION AND EQUIPMENT~~ INTENTIONALLY DELETED

~~5.16 TELECOMMUNICATIONS: LOCAL EXCHANGE ACCESS~~ INTENTIONALLY DELETED

~~5.17 DATA DISTRIBUTION~~ INTENTIONALLY DELETED

~~5.18 ELECTRICAL, TELEPHONE, DATA FOR SYSTEMS FURNITURE~~ INTENTIONALLY DELETED

5.19 LIGHTING: INTERIOR AND PARKING—TI (SEP 2015)

A. **FIXTURES**: Once the design intent drawings are approved, the Lessor shall design and provide interior lighting to comply with requirements under the paragraph, "Lighting: Interior and Parking – Shell." Any additional lighting fixtures and/or components required beyond what would have been provided for an open office plan (shell) are part of the TIs.

B. **PENDANT STYLE FIXTURES**: If pendant style lighting fixtures are used, the increase between the number of fixtures required in the Building shell and the Space layout is part of the TIs.

C. MIXED FIXTURES: DIDs, if applicable, may require a mixed use of recessed or pendant style fixtures in the Space.

D. BUILDING PERIMETER: There may be additional requirements for lighting in exterior parking areas, vehicle driveways, pedestrian walkways, and Building perimeter in the Security Requirements attached to this Lease.

5.20 AUTOMATIC FIRE SPRINKLER SYSTEM—TI (OCT 2016)

Where sprinklers are required in the Space, sprinkler mains and distribution piping in a "protection" layout (open plan) with heads turned down with an escutcheon or trim plate shall be provided as part of Shell rent. Any additional sprinkler fixtures and/or components required in the Space beyond what would have been provided for an open office plan (shell) are part of the TIs.