



- g. tacked corners; and
  - h. no raw edges or exposed seams.
3. Use of existing draperies must be approved by the Contracting Officer.

6.6 FLOORS AND FLOOR LOAD (SEP 2000)

- A. All adjoining floor areas shall be:
- 1. of a common level not varying more than 1/4 inch over a 10-foot horizontal run in accordance with the American Concrete Institute standards,
  - 2. non-slip, and,
  - 3. acceptable to the Contracting Officer.
- B. Underfloor surfaces shall be smooth and level. Office areas shall have a minimum live load capacity of 50 pounds per ANSI/BOMA Office Area square foot plus 20 pounds per ANSI/BOMA Office Area square foot for moveable partitions. Storage areas shall have a minimum live load capacity of 100 pounds per ANSI/BOMA Office Area square foot including moveable partitions. A report showing the floor load capacity, at no cost to the Government, by a registered professional engineer may be required. Calculations and structural drawings may also be required.

6.7 CEILINGS (SEP 2000)

- A. Ceilings shall be at least 8 feet, 6 inches and no more than 12 feet, 0 inches measured from floor to the lowest obstruction. Areas with raised flooring shall maintain these ceiling height limitations above the finished raised flooring. Bulkheads and hanging or surface-mounted light fixtures which impede traffic ways shall be avoided. Ceilings shall be uniform in color and appearance throughout the leased space, with no obvious damage to tiles or grid.
- B. Ceilings shall have a minimum noise reduction coefficient (NRC) of 0.60 throughout the Government-demised area.
- C. Prior to closing the ceiling, the Lessor shall coordinate with the Government for the installation of any items above the ceiling.
- D. Should the ceiling be installed in the Government-demised area prior to construction of the Tenant Improvements, then the Lessor shall be responsible for all costs in regard to the disassembly, storage during construction, and subsequent re-assembly of any of the ceiling components which may be required to complete the Tenant Improvements. The Lessor shall also bear the risk for any damage to the ceiling or any components thereof during the construction of the Tenant Improvements.
- E. Ceilings shall be a flat plane in each room and shall be suspended with ample light fixtures and finished as follows unless an alternate equivalent is pre-approved by the Contracting Officer:
- 1. *Restrooms.* Plastered or spackled and taped gypsum board.
  - 2. *Offices and Conference Rooms.* Mineral and acoustical tile or lay in panels with textured or patterned surface and regular edges or an equivalent pre-approved by the Contracting Officer. Tiles or panels shall contain recycled content.
  - 3. *Corridors and Eating/Galley Areas.* Plastered or spackled and taped gypsum board or mineral acoustical tile.

6. ACOUSTICAL REQUIREMENTS (SEP 2000)

A. BUILDING SHELL:

- 1. *Reverberation Control.* Ceilings in carpeted space shall have a noise reduction coefficient (NRC) of not less than 0.55 in accordance with ASTM C-423. Ceilings in offices, conference rooms, and corridors having resilient flooring shall have an NRC of not less than 0.65.
- 2. *Ambient Noise Control.* Ambient noise from mechanical equipment shall not exceed noise criteria curve (NC) 35 in accordance with the ASHRAE *Handbook of Fundamentals* in offices and conference rooms; NC 40 in corridors, cafeterias, lobbies, and toilets; NC 50 in other spaces.
- 3. *Noise Isolation.* Rooms separated from adjacent spaces by ceiling-high partitions (not including doors) shall not be less than the following noise isolation class (NIC) standards when tested in accordance with ASTM E-336:
  - a. Conference rooms      NIC 40
  - b. Offices                      NIC 35
- 4. *Testing:* The Contracting Officer may require, at no cost to the Government, test reports by a qualified acoustical consultant showing that acoustical requirements have been met.



7.0 ARCHITECTURAL FINISHES

7.1 RECYCLED CONTENT PRODUCTS (COMPREHENSIVE PROCUREMENT GUIDELINES) (SEP 2000)

- A The Lessor shall comply to the extent feasible with the Resource Conservation and Recovery Act (RCRA), Section 6002, 1976. The Lessor shall use recycled content products as indicated in this SFO and as designated by the U.S. Environmental Protection Agency (EPA) in the Comprehensive Procurement Guidelines (CPG), 40 CFR Part 247, and its accompanying Recovered Materials Advisory Notice (RMAN). The CPG lists the designated recycled content products. EPA also provides recommended levels of recycled content for these products. The list of designated products, EPA's recommendations, and lists of manufacturers and suppliers of the products can be found at the [WWW.EPA.GOV/CPG/PRODUCTS.HTM](http://WWW.EPA.GOV/CPG/PRODUCTS.HTM) web site.
- B The Offeror, if unable to comply with both the CPG and RMAN lists, shall submit a request for waiver for each material to the Contracting Officer with the Tenant Improvements pricing submittal. The request for waiver shall be based on the following criteria:
- 1 the cost of the recommended product is unreasonable,
  2. inadequate competition exists;
  3. items are not available within a reasonable period of time; and
  4. items do not meet the SFO's performance standards.

7.2 ENVIRONMENTALLY PREFERABLE BUILDING PRODUCTS AND MATERIALS (DEC 2007)

- A The Lessor shall use environmentally preferable products and materials. The Lessor is encouraged to consider the lifecycle analysis of the product in addition to the initial cost.
- B Refer to EPA's environmentally preferable purchasing web site, [www.epa.gov/epp](http://www.epa.gov/epp) and USDA BioPreferred products web site [www.biobased.oce.usda.gov/fb4pl/](http://www.biobased.oce.usda.gov/fb4pl/). In general, environmentally preferable products and materials do one or more of the following:
1. Contain recycled material, are biobased, are rapidly renewable (10-year or shorter growth cycle), or have other positive environmental attributes;
  2. Minimize the consumption of resources, energy, and water;
  3. Prevent the creation of solid waste, air pollution, or water pollution; or
  4. Promote the use of nontoxic substances and avoid toxic materials or processes.
- C. The Lessor is encouraged to use products that are extracted and manufactured regionally.

7.3 FINISH SELECTIONS (AUG 2008)

- A. All required finish selection samples shall be provided within twelve (12) calendar days of the request for such by the Contracting Officer. GSA shall deliver necessary finish selections to the Lessor within five (5) calendar days after award or after receipt of plans and samples, whichever is later.
- B. All building finishes shall be for first class, modern space.
- C. The Lessor shall consult with the Contracting Officer prior to developing a minimum of 3 colorboards to include coordinated samples of finishes for all interior elements such as paint, wall coverings, base coving, carpet, window treatments, laminates, and flooring. All samples provided shall be in compliance with specifications set forth elsewhere in this SFO. The Lessor shall provide the required colorboards within twelve (12) calendar working days of the request for such by the Contracting Officer. The colorboards shall be approved by GSA prior to installation. Upon review with the Tenant, the Contracting Officer must select one colorboard within twelve (12) calendar working days, and unless otherwise specified prior to lease award, the Offeror may assume that one colorboard will be accepted for all finishes in the entire space under lease. The Lessor may not make any substitutions after the colorboard is selected.

7.4 WOOD PRODUCTS (AUG 2008)

- A. For all new installations of wood products, the Lessor is encouraged to use independently certified forest products. For information on certification and certified wood products, refer to the Forest Certification Resource Center ([www.certifiedwood.org](http://www.certifiedwood.org)), the Forest Stewardship Council United States ([www.fscus.org](http://www.fscus.org)), or the Sustainable Forestry Initiative ([www.aboutsfi.org](http://www.aboutsfi.org)).
- B. New installations of wood products used under this contract shall not contain wood from endangered wood species, as listed by the Convention on International Trade in Endangered Species. The list of species can be found at the following web site: [www.cites.org/eng/resources/species.html](http://www.cites.org/eng/resources/species.html)

- C. Particle board, strawboard, and plywood materials shall comply with Department of Housing and Urban Development (HUD) standards for formaldehyde emission controls. Plywood materials shall not emit formaldehyde in excess of 0.2 parts per million (ppm), and particleboard materials shall not emit formaldehyde in excess of 0.3 ppm.
- D. All materials comprised of combustible substances, such as wood plywood and wood boards, shall be treated with fire retardant chemicals by a pressure impregnation process or other methods that treats the materials throughout as opposed to surface treatment.

**7.5 ADHESIVES AND SEALANTS (SEP 2000)**

All adhesives employed on this project (including, but not limited to, adhesives for carpet, carpet tile, plastic laminate, wall coverings, adhesives for wood, or sealants) shall be those with the lowest possible VOC content below 20 grams per liter and which meet the requirements of the manufacturer of the products adhered or involved. The Lessor shall use adhesives and sealants with no formaldehyde or heavy metals. Adhesives and other materials used for the installation of carpets shall be limited to those having a flash point of 140 degrees F or higher.

**7.6 DOORS: SUITE ENTRY (AUG 2008)**

**TENANT IMPROVEMENT INFORMATION:**

Suite entry doors shall be provided as part of the Tenant Improvements at the Government's expense and shall have a minimum clear opening of 32" wide x 84" high (per leaf). Doors shall meet the requirements of being a flush, solid-core, 1-3/4-inch thick, wood door with a natural wood veneer face or an equivalent pre-approved by the Contracting Officer. Hollow core wood doors are not acceptable. They shall be operable by a single effort; and shall meet the requirement of NFPA 101, *Life Safety Code* (current as of the award date of this Lease). Doors shall be installed in a metal frame assembly which is primed and finished with a low VOC semi-gloss oil-based paint finish with no formaldehyde.

**7.7 DOORS: INTERIOR (AUG 2008)**

**TENANT IMPROVEMENT INFORMATION:**

Doors within the Government-demised area shall be provided as part of the Tenant Improvements 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 Contracting Officer. 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* (current as of the award date of this lease). 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.

**7.8 DOORS: HARDWARE (DEC 2007)**

**A. BUILDING SHELL:**

Doors shall have door handles or door pulls with heavyweight hinges. All doors shall have corresponding doorstops (wall or floor mounted) and silencers. All public use doors and toilet room doors shall be equipped with kick plates. Exterior doors and all common area doors shall have automatic door closers. All building exterior doors shall have locking devices installed to reasonably deter unauthorized entry. Properly rated and labeled fire door assemblies shall be installed on all fire egress doors.

**B. TENANT IMPROVEMENT INFORMATION:**

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 Government-demised area 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 peened mounting bolts. The exterior side of the door shall have a lock guard or astragal to prevent jimmying 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.

**7.9 DOORS: IDENTIFICATION (SEP 2000)**

**A. BUILDING SHELL:**

All signage required in common areas unrelated to tenant identification shall be provided and installed by the Lessor.

**B. TENANT IMPROVEMENT INFORMATION:**

Door identification shall be installed in approved locations adjacent to office entrances as part of the Tenant Improvement Allowance. The form of door identification shall be approved by the Contracting Officer.

**7.10 PARTITIONS: SUBDIVIDING (AUG 2008)**

**A. BUILDING SHELL:**

Any demolition of existing improvements which is necessary to satisfy the Government's layout shall be done by the Lessor at the Lessor's expense.

**B. TENANT IMPROVEMENT INFORMATION:**

1. Office subdividing partitions shall comply with applicable building codes and local requirements and ordinances shall be provided as part of the Tenant Improvement Allowance. 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 design intent drawings. They shall have a flame spread rating of 25 or less and a smoke development rating of 50 or less (ASTM E-84).

2. HVAC shall be rebalanced and lighting repositioned, as appropriate, after installation of partitions.
3. If necessary, sprinklers and fire alarm notification appliances shall be installed and/or repositioned as appropriate after installation of partitions to maintain the level of fire protection and life safety.
4. Partitioning requirements may be satisfied with existing partitions if they meet the Government's standards and layout requirements.

#### 7.11 WALL FINISHES (AUG 2008)

##### A. BUILDING SHELL:

###### 1. Physical Requirements.

- a. Prior to occupancy, all restrooms within the building common areas of Government-occupied floors shall have 1) ceramic tile in splash areas and 2) semi gloss paint on remaining wall areas or other finish approved by the Contracting Officer.
  - b. Prior to occupancy, all elevator areas that access the Government-demised area and hallways accessing the Government-demised area shall be covered with wall coverings not less than 20 ounces per square yard, high performance paint or an equivalent.
2. *Replacement.* The Lessor must maintain all wall coverings, high-performance paint coatings, and paints in "like new" condition for the life of the lease. The Lessor, at its expense, must replace or repair paints, high-performance coatings, or wall coverings any time during the Government's occupancy if they are torn, peeling, permanently stained, marked, or damaged from impact. Repair or replace the ceramic tile in the restrooms if it is loose, chipped, broken, or permanently discolored. All repair and replacement work must occur after working hours.

##### B. TENANT IMPROVEMENT INFORMATION:

1. In the event the Government chooses to install a wall covering as part of the Tenant Improvement Allowance, the minimum standard is vinyl-free, chlorine-free, plasticizer-free wall covering with recycled content or biobased commercial wall covering weighing not less than 13 ounces per square yard or equivalent. In the event the Government chooses to install a high-performance paint coating, it shall comply with the VOC (Volatile Organic Compound) limits of the Green Seal Standard GS-11.
2. All wall covering in the Government-demised area shall be maintained in "like new" condition for the life of the lease. Repair or replacement of wall covering shall be at the Lessor's expense and shall include the moving and returning of furnishings, (except where wall covering has been damaged due to the negligence of the Government), any time during the occupancy by the Government if it is torn, peeling, or permanently stained. All repair and replacement work shall be done after working hours.

#### 7.12 PAINTING (DEC 2007)

##### A. BUILDING SHELL:

1. The Lessor shall bear the expense for all painting associated with the building shell. These areas shall include all common areas. Exterior perimeter walls and interior core walls within the Government demised area shall be spackled and prime painted with low VOC primer. If any building shell areas are already painted prior to Tenant Improvements, then the Lessor shall repaint, at the Lessor's expense, as necessary during Tenant Improvements.
2. Public areas shall be painted at least every 3 years.
3. If the Government desires cyclical repainting within the demised tenant spaces during the term of the lease, the Lessor shall include the cost within shell rent. Cyclical repainting of demised tenant spaces shall occur every Five (5) years of occupancy.

##### B. TENANT IMPROVEMENT INFORMATION:

1. Prior to occupancy, all surfaces within the Government-demised area which are designated by GSA for painting shall be newly finished in colors acceptable to GSA.
2. The Lessor shall provide interior paints and coatings that meet or are equivalent to the following standards for Volatile Organic Compound (VOC) offgassing:
  - a. Topcoat paints: Green Seal Standard GS-11, Paints, First Edition, May 20, 1993.
  - b. All other architectural coatings, primers, and undercoats: South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, effective January 1, 2004.
  - c. Architectural paints, coatings, and primers applied to interior walls and ceilings:
    - i. Flats: 50 grams per litre (g/L).

- ii. Non-flats: 150 g/L.
  - d. Anticorrosive and antirust paints applied to interior ferrous metal substrates: 250 g/L.
  - e. Clear wood finishes:
    - i. Varnish: 350 g/L.
    - ii. Lacquer: 550 g/L.
  - f. Floor coatings: 100 g/L
  - g. Sealers:
    - i. Waterproofing sealers: 250 g/L.
    - ii. Sanding sealers: 275 g/L.
    - iii. All other sealers: 200 g/L.
  - h. Shellacs:
    - i. Clear: 730 g/L.
    - ii. Pigmented: 550 g/L.
  - i. Stains: 250 g/L.
  - j. 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 Contracting Officer.
3. Painted surfaces shall be repainted at the Lessor's expense, including the moving and returning of furnishings, any time during the occupancy by the Government if it is peeling or permanently stained, except where damaged due to the negligence of the Government. All work shall be done after normal working hours as defined elsewhere in this SFO.

**7.13 FLOOR COVERING AND PERIMETERS (AUG 2008)**

**A. BUILDING SHELL:**

- 1. Exposed interior floors in primary entrances and lobbies shall be marble, granite or terrazzo. Exposed interior floors in secondary entrances, elevator lobbies, and primary interior corridors shall be high-grade carpet, marble, granite, terrazzo or durable vinyl composite tile. Resilient flooring shall be used in telecommunications rooms. Floor perimeters at partitions shall have wood, rubber, vinyl, marble or carpet base.
- 2. Terrazzo, unglazed ceramic tile, recycled glass tile, and/or quarry tile shall be used in all toilet and service areas.
- 3. Any alternate flooring must be pre-approved by the Contracting Officer.
- 4. In addition to the building shell flooring discussed above, the Government-demised areas which are designated by GSA for cyclic carpet replacement shall be recarpeted every Five (5) years with a product meeting this solicitation's requirements. This cost, including the moving and returning of furnishings, including disassembly and reassembly of systems furniture, will be borne by the Lessor as part of the shell rent.

**B. TENANT IMPROVEMENT INFORMATION:**

- 1. Floor covering shall be either carpet or resilient flooring, as specified in the Government's approved design intent drawings. Floor perimeters at partitions shall have wood, rubber, vinyl or carpet base.
- 2. The use of existing carpet may be approved by the Contracting Officer; however, existing carpet shall be repaired, stretched, and cleaned before occupancy and shall meet the static buildup requirement for new carpet.
- 3. If the Government requires restrooms and/or shower rooms in the Government-demised area, floor covering shall be terrazzo, unglazed ceramic tile, and/or quarry tile.
- 4. Any alternate flooring shall be pre-approved by the Contracting Officer.

**C. INSTALLATION:**

Floor covering shall be installed in accordance with manufacturing instructions to lay smoothly and evenly.

**D. FLOORING - REPAIR OR REPLACEMENT:**

- 1. Except when damaged by the Government, the Lessor shall repair or replace flooring as part of shell rent at any time during the lease term when:
  - a. backing or underlayment is exposed;
  - b. there are noticeable variations in surface color or texture;
  - c. it has curbs, upturned edges, or other noticeable variations in texture.

- d. tiles are loose, or
  - e. tears and/or tripping hazards are present.
2. Repair or replacement shall include the moving and returning of furnishings, including disassembly and reassembly of systems furniture, if necessary. Work shall be performed after normal working hours as defined elsewhere in this SFO.

**7.14 CARPET: BROADLOOM (AUG 2008)**

A. Any carpet to be newly installed pursuant to this paragraph or replaced during the life of the lease shall meet the following specifications:

1. *Pile Yarn Content.* Pile yarn content shall be staple filament or continuous filament premium grade nylon branded by a major fiber producer [e.g., Invista, Solutia, Shaw, Honeywell].
2. *Environmental Requirements.* The Lessor shall use carpet that meets the "Green Label Plus" requirements of the Carpet and Rug Institute unless an exception is granted by the Contracting Officer. Refer to EPA's environmentally preferable purchasing web site, [WWW.EPA.GOV/EPP](http://WWW.EPA.GOV/EPP).
3. *Carpet Pile Construction.* Carpet pile shall be level loop, textured loop, level cut pile, or level cut/uncut pile.
4. *Pile Weight.* Pile weight shall be a minimum of 28 oz/ square yard for level loop or textured loop construction. Pile weight shall be a minimum weight of 30 oz/square yard for level cut/uncut construction.
5. *Secondary Back.* The secondary back shall be made from 100% synthetic fibers for glue-down installation.
6. *Density.* The density shall be a minimum of 5,000 oz/ cubic yard.
7. *Pile Height.* The maximum pile height shall be 1/2 inch (13 mm). Exposed edges of carpet shall be fastened to floor surfaces and shall have trim along the entire length of the exposed edge.
8. *Static Buildup.* Static buildup shall be a maximum of 3.5 KV when tested in accordance with AATCC-134.
9. *Flammability.* Carpet shall meet the flammability requirements of ASTE E-648 Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source.
10. *Carpet Reclamation.* Where possible and required by law, dispose of any carpet replaced during the life of the lease from the site to a carpet recycling program or participate in a carpet buyback program. When carpet is replaced, submit documentation of carpet reclamation to the GSA Contracting Officer.

**7.15 CARPET TILE (AUG 2008)**

A. Any carpet to be newly installed pursuant to this paragraph shall meet the following specifications:

1. *Pile Yarn Content.* Pile Yarn Content. Pile yarn content shall be staple filament or continuous filament premium branded nylon branded by a major fiber producer [e.g., Invista (formerly DuPont), Solutia (formerly Monsanto), Shaw, and Honeywell (formerly BASF)].
2. *Environmental Requirements.* The Lessor shall use carpet tiles that meet the "Green Label Plus" requirements of the Carpet and Rug Institute unless an exception is granted by the Contracting Officer. Refer to the EPA's environmentally preferable purchasing web site, [www.epa.gov/epp](http://www.epa.gov/epp).
3. *Carpet Pile Construction.* Carpet pile shall be level loop, textured loop, level cut pile, or level cut/uncut pile.
4. *Pile Weight.* Pile weight shall be a minimum of 20 oz/square yard for level loop or textured loop construction. Pile weight shall be a minimum weight of 30 oz/yd<sup>2</sup> for level cut/uncut construction.
5. *Secondary Back.* The secondary backing shall be PVC free made from Polyurethane hardback, Thermoplastic Polyolefin Composite, Ethylene Vinyl Acetate-EVA, Polyurethane Cushion, or Olefin hardback reinforced with fiberglass.
6. *Total Weight.* Total weight shall be a minimum of 90 oz/ square yard.
7. *Density.* The density shall be a minimum of 5,000 oz/cubic yard.
8. *Pile Height.* The minimum pile height shall be 1/8 inch. The combined thickness of the total product shall not exceed 1/2 inch (13 mm).
9. *Static Buildup.* Static buildup shall be a maximum of 3.5 kilovolt, when tested in accordance with AATCC 134.
10. *Flammability.* Carpet shall meet the flammability requirements of ASTE E-648 Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source.

11. *Carpet Construction.* Carpet construction shall be a minimum of 64 tufts per square inch.
12. *Carpet Reclamation.* Dispose of any carpet replaced during the life of the lease from the site to a carpet recycling program or participate in a carpet buyback program. When carpet is replaced, submit documentation of carpet reclamation to GSA.

8.0 MECHANICAL, ELECTRICAL, PLUMBING

8.1 MECHANICAL, ELECTRICAL, PLUMBING: GENERAL (AUG 2008)

A. BUILDING SHELL:

The Lessor shall provide and operate all building equipment and systems in accordance with applicable technical publications, manuals, and standard procedures. Mains, lines, and meters for utilities shall be provided by the Lessor. Exposed ducts, piping, and conduits are not permitted in office space.

B. SYSTEMS COMMISSIONING:

The Lessor shall incorporate commissioning requirements to verify that the installation and performance of energy consuming systems meet the Government's project requirements. The commissioning shall cover only work associated with tenant improvements or alterations or at a minimum: heating, ventilating, air conditioning and refrigeration (HVAC&R) systems and associated controls, lighting controls, and domestic hot water systems.

C. TENANT IMPROVEMENT INFORMATION:

The Lessor shall provide and operate all equipment and systems installed as Tenant Improvements in accordance with applicable codes, technical publications, manuals, and standard procedures.

8.2 BUILDING SYSTEMS (AUG 2008)

Whenever requested, the Lessor shall furnish to GSA as part of shell rent, a report by a registered professional engineer(s) showing that the building and its systems as designed and constructed will satisfy the requirements of this lease.

8.3 ENERGY COST SAVINGS (AUG 2008)

A. For existing buildings, the Offeror is encouraged to use 1) Energy Savings Performance Contracts (ESPC) or 2) utility agreements to achieve, maintain, and/or exceed the ENERGY STAR Benchmark Score of 75. The Offeror is encouraged to include shared savings in the offer as a result of energy upgrades where applicable. ENERGY STAR tools and resources can be found at the [www.energystar.gov](http://www.energystar.gov) web site.

B. The Offeror may obtain a list of energy service companies qualified under the Energy Policy Act to perform ESPC, as well as additional information on cost-effective energy efficiency, renewables, and water conservation. For the ESPC qualified list, refer to the [www.eere.energy.gov/femp](http://www.eere.energy.gov/femp) web site, or call the FEMP Help Desk at 1-877-337-3463.

C. Incandescent bulbs shall not be used. Where it is not feasible to eliminate incandescent bulbs, exceptions must be approved by the Contracting Officer.

D. The Offeror is encouraged to purchase at least 50% of the Government tenant's electricity from renewable sources.

E. SUBMITTAL REQUIREMENT:

If renewable source power is purchased, provide documentation to the Contracting Officer within 9 months of occupancy.

8.4 INSULATION: THERMAL, ACOUSTIC, AND HVAC (AUG 2008)

A. All insulation products shall contain recovered materials as required by EPA's CPG and related recycled content recommendations.

B. No insulation installed with this project shall be material manufactured using chlorofluorocarbons (CFC's), nor shall CFC's be used in the installation of the product.

C. All insulation containing fibrous materials exposed to air flow shall be rated for that exposure or shall be encapsulated.

D. Insulating properties for all materials shall meet or exceed applicable industry standards. Polystyrene products shall meet American Society for Testing and Materials (ASTM) C578 91.

E. All insulation shall be low emitting with not greater than .05 ppm formaldehyde emissions.

F. The maximum flame spread and smoke developed index for insulation shall meet the requirements of the applicable local codes and ordinances (current as of the award date of this Lease) adopted by the jurisdiction in which the building is located.

8.5 DRINKING FOUNTAINS (AUG 2008)

A. BUILDING SHELL:

The Lessor shall provide, on each floor of Government occupied space, a minimum of one chilled accessible drinking fountain with potable water within every 200 feet of travel.

8.6 TOILET ROOMS (AUG 2008)

A. BUILDING SHELL:

1. Separate toilet facilities for men and women shall be provided on each floor occupied by the Government in the building. The facilities shall be located so that employees will not be required to travel more than 200 feet, on one floor to reach the toilets. Each toilet room shall have sufficient water closets enclosed with modern stall partitions and doors, urinals (in men's

room), and hot (set in accordance with applicable building codes) and cold water. Water closets and urinals shall not be visible when the exterior door is open.

2. Each main toilet room shall contain the following:

- a. a mirror and shelf above the lavatory;
- b. a toilet paper dispenser in each water closet stall, that will hold at least two rolls and allow easy, unrestricted dispensing;
- c. a coat hook on the inside face of the door to each water closet stall and on several wall locations by the lavatories;
- d. at least one modern paper towel dispenser, soap dispenser, and waste receptacle for every two lavatories;
- e. a coin-operated sanitary napkin dispenser in women's toilet rooms with a waste receptacle in each water closet stall;
- f. ceramic tile, recycled glass tile, or comparable wainscot from the floor to a minimum height of 4 feet, 6 inches;
- g. a disposable toilet seat cover dispenser; and
- h. a counter area of at least 2 feet, 0 inches in length, exclusive of the lavatories (however, it may be attached to the lavatories) with a mirror above and a ground fault interrupt-type convenience outlet located adjacent to the counter area. The counter should be installed to minimize pooling or spilling of water at the front edge.
- i. a floor drain.

B. If newly installed, toilet partitions shall be made from recovered materials as listed in EPA's CPG.

8.7 TOILET ROOMS: FIXTURE SCHEDULE (SEP 2000)

A. BUILDING SHELL:

- 1. The toilet fixture schedule specified below shall be applied to each full floor based on one person for each 135 ANSI/BOMA Office Area square feet of office space in a ratio of 50 percent men and 50 percent women.
- 2. Refer to the schedule separately for each sex.

NUMBER OF MEN*WOMEN	WATER CLOSETS	LAVATORIES
1 - 15	1	1
16 - 35	2	2
36 - 55	3	3
56 - 60	4	3
61 - 80	4	4
81 - 90	5	4
91 - 110	5	5
111 - 125	6	5
126 - 150	6	**
> 150	***	

\* In men's facilities, urinals may be substituted for 1/3 of the water closets specified.

\*\* Add one lavatory for each 45 additional employees over 125.

\*\*\* Add one water closet for each 40 additional employees over 150.

3. For new installations:

- a. Water closets shall not use more than 1.6 gallons per flush.
- b. Urinals shall not use more than 1.0 gallons per flush. Waterless urinals are acceptable.
- c. Faucets shall not use more than 2.5 gallons per minute at a flowing water pressure of 80 pounds per square inch.

8.8 JANITOR CLOSETS (DEC 2007)

A. BUILDING SHELL:

1. Janitor closets with service sink, hot and cold water, and ample storage for cleaning equipment, materials, and supplies shall be provided on all floors. Each janitor closet door shall be fitted with an automatic deadlocking latch bolt with a minimum throw of 1/2 inch.
2. When not addressed by local code, provide containment drains plumbed for appropriate disposal of liquid wastes in spaces where water and chemical concentrate mixing occurs for maintenance purposes. Disposal is not permitted in restrooms.
3. Refer to the "Indoor Air Quality for Ventilation Requirements" paragraph in the SAFETY AND ENVIRONMENTAL MANAGEMENT section of this Solicitation for Offers (SFO).

8.9 HEATING AND AIR CONDITIONING (AUG 2008)

A. BUILDING SHELL:

1. Temperatures shall conform to local commercial equivalent temperature levels and operating practices in order to maximize tenant satisfaction. These temperatures shall be maintained throughout the leased premises and service areas, regardless of outside temperatures, during the hours of operation specified in the lease. The Lessor shall perform any necessary systems start-up required to meet the commercially equivalent temperature levels prior to the first hour of each day's operation. At all times, humidity shall be maintained below 60% relative humidity.
2. During non working hours, heating temperatures shall be set no higher than 55° Fahrenheit, and air conditioning shall not be provided except as necessary to return space temperatures to a suitable level for the beginning of working hours. Thermostats shall be secured from manual operation by key or locked cage. A key shall be provided to the GSA Field Office Manager.
3. Simultaneous heating and cooling are not permitted.
4. Areas having excessive heat gain or heat loss, or affected by solar radiation at different times of the day, shall be independently controlled.
5. *Equipment Performance.* Temperature control for office spaces shall be provided by concealed central heating and air conditioning equipment. The equipment shall maintain space temperature control over a range of internal load fluctuations of plus 0.5 W/sq. ft. to minus 1.5 W/sq. ft. from initial design requirements of the tenant.
6. HVAC Use During Construction. The permanent HVAC system may be used to move both supply and return air during the construction process only if the following conditions are met:
  - a. a complete air filtration system with 60 percent efficiency filters is installed and properly maintained;
  - b. no permanent diffusers are used;
  - c. no plenum type return air system is employed;
  - d. the HVAC duct system is adequately sealed to prevent the spread of airborne particulate and other contaminants; and
  - e. following the building "flush out," all duct systems are vacuumed with portable high-efficiency particulate arrestance (HEPA) vacuums and documented clean in accordance with National Air Duct Cleaners Association (NADCA) specifications.
7. *Ductwork Re-use and Cleaning.* Any ductwork to be reused and/or to remain in place shall be cleaned, tested, and demonstrated to be clean in accordance with the standards set forth by NADCA. The cleaning, testing, and demonstration shall occur immediately prior to Government occupancy to avoid contamination from construction dust and other airborne particulates.
8. The Lessor shall conduct HVAC system balancing after any HVAC system alterations during the term of the lease and shall make a reasonable attempt to schedule major construction outside of office hours.
9. Normal HVAC systems maintenance shall not disrupt tenant operations.
10. *Thermal Comfort.* During all working hours, comply with ASHRAE Standard 55-2004, Thermal Comfort Conditions for Human Occupancy.

B. TENANT IMPROVEMENT INFORMATION:

1. *Zone Control.* Provide individual thermostat control for office space with control areas not to exceed 1,500 ANSI/BOMA office area square feet. 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.

8.10 VENTILATION (AUG 2008)

A. BUILDING SHELL:

1. During working hours in periods of heating and cooling, ventilation shall be provided in accordance with the latest edition of ANSI/ASHRAE Standard 62.1, *Ventilation for Acceptable Indoor Air Quality*.
2. Air filtration shall be provided and maintained with filters having a minimum efficiency rating as determined by ANSI/ASHRAE Standard 52.2, *Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size*. Pre-filters shall have a MERV efficiency of 8. Final filters shall have an MERV efficiency of 13.
3. Toilet rooms shall be properly exhausted, with a minimum of 10 air changes per hour.

8.11 ELECTRICAL: GENERAL (SEP 2000)

The Lessor shall be responsible for meeting the applicable requirements of local codes and ordinances. When codes conflict, the more stringent standard shall apply. Main service facilities shall be enclosed. The enclosure may not be used for storage or other purposes and shall have door(s) fitted with an automatic deadlocking latch bolt with a minimum throw of 1/2 inch. Distribution panels shall be circuit breaker type with 10 percent spare power load and circuits.

8.12 ELECTRICAL: DISTRIBUTION (AUG 2008)

A. BUILDING SHELL:

1. Main power distribution switchboards and distribution and lighting panel boards shall be circuit breaker type with copper buses that are properly rated to provide the calculated fault circuits. All power distribution panel boards shall be supplied with separate equipment ground buses. All power distribution equipment shall be required to handle the actual specified and projected loads plus 10 percent spare load capacity. Distribution panels are required to accommodate circuit breakers for the actual calculated needs plus 10 percent spare circuits that will be equivalent to the majority of other circuit breakers in the panel system. All floors shall have 120/208 V, 3-phase, 4-wire with bond, 60 hertz electric service available.
2. Main distribution for standard office occupancy shall be provided at the Lessor's expense. In no event shall such power distribution (not including lighting and HVAC) for the Government-demised area fall below 7 W per ANSI/BOMA Office Area square foot.
3. Convenience outlets shall be installed in accordance with NFPA Standard 70, *National Electrical Code*, or local code, whichever is more stringent.
4. The Lessor shall provide duplex utility outlets in toilet rooms, corridors, and dispensing areas. Fuses and circuit breakers shall be plainly marked or labeled to identify circuits or equipment supplied through them.

B. TENANT IMPROVEMENT INFORMATION:

1. All electrical, telephone, and data outlets within the Government-demised area shall be installed by the Lessor in accordance with the design intent drawings. All electrical outlets shall be installed in accordance with NFPA Standard 70, or local code, whichever is more stringent.
2. All tenant outlets 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.
3. The Lessor shall in all cases safely conceal outlets and associated wiring (for electricity, voice, and data) to the workstation(s) shall be safely concealed in partitions, ceiling plenums, in recessed floor ducts, under raised flooring, or by use of a method acceptable to the Contracting Officer.

8.13 TELECOMMUNICATIONS: DISTRIBUTION AND EQUIPMENT (SEP 2000)

A. BUILDING SHELL:

1. Sufficient space shall be provided on the floor(s) where the Government occupies space for the purposes of terminating telecommunications service into the building. The building's telecommunications closets located on all floors shall be vertically-stacked. Telecommunications switchrooms, wire closets, and related spaces shall be enclosed. The enclosure shall not be used for storage or other purposes and shall have door(s) fitted with an automatic door-closer and deadlocking latch bolt with a minimum throw of 1/2 inch.
2. Telecommunications switchrooms, wire closets, and related spaces shall meet applicable Telecommunications Industry Association (TIA) and Electronic Industries Alliance (EIA) standards. These standards include the following:
  - a. TIA/EIA-568, *Commercial Building Telecommunications Cabling Standard*,
  - b. TIA/EIA 569, *Commercial Building Standard for Telecommunications Pathways and Spaces*,
  - c. TIA/EIA-570, *Residential and Light Commercial Telecommunications Wiring Standard*, and
  - d. TIA/EIA-607, *Commercial Building Grounding and Bonding Requirements for Telecommunications Standard*.

3. Telecommunications switchrooms, wire closets, and related spaces shall meet applicable NFPA standards. Bonding and grounding shall be in accordance with NFPA Standard 70, *National Electrical Code*, and other applicable NFPA standards and/or local code requirements.

B. TENANT IMPROVEMENT INFORMATION:

Telecommunications floor or wall outlets shall be provided as part of the Tenant Improvement Allowance. At a minimum, each outlet shall house one 4-pair wire jack for voice and one 4-pair wire jack for data. The Lessor shall ensure that all outlets and associated wiring, copper, coaxial cable, optical fiber, or other transmission medium used to transmit telecommunications (voice, data, video, Internet, or other emerging technologies) service to the workstation shall be safely concealed under raised floors, in floor ducts, walls, columns, or molding. All outlets/junction boxes shall be provided with rings and pull strings to facilitate the installation of cable. Some transmission medium may require special conduit, inner duct, or shielding as specified by the Government.

8.14 TELECOMMUNICATIONS: LOCAL EXCHANGE ACCESS (AUG 2008)

A. BUILDING SHELL:

1. The Government reserves the right to contract its own telecommunications (voice, data, video, Internet or other emerging technologies) service in the space to be leased. The Government may contract with one or more parties to have inside wiring (or other transmission medium) and telecommunications equipment installed.
2. The Lessor shall allow the Government's designated telecommunications providers access to utilize existing building wiring to connect its services to the Government's space. If the existing building wiring is insufficient to handle the transmission requirements of the Government's designated telecommunications providers, the Lessor shall provide access from the point of entry into the building to the Government's floor space, subject to any inherent limitations in the pathway involved.
3. The Lessor shall allow the Government's designated telecommunications providers to affix telecommunications antennae (high frequency, mobile, microwave, satellite, or other emerging technologies), subject to weight and wind load conditions, to roof, parapet, or building envelope as required. Access from the antenna(e) to the leased space shall be provided.
4. The Lessor shall allow the Government's designated telecommunications providers to affix antennae and transmission devices throughout its leased space and in appropriate common areas frequented by the Government's employees so as to allow the use of wireless telephones and communications devices necessary to conduct business.

B. TENANT IMPROVEMENT INFORMATION:

Provide sealed conduit to house the agency telecommunications system when required.

8.15 DATA DISTRIBUTION (AUG 2008)

A. TENANT IMPROVEMENT INFORMATION:

The Government shall be responsible for purchasing and installing data cable. The Lessor shall safely conceal data outlets and the associated wiring used to transmit data to workstations shall be in floor ducts, walls, columns, or below access flooring. The Lessor shall provide as part of the Tenant Improvement Allowance outlets, which shall include rings and pull strings to facilitate the installation of the data cable. When cable consists of multiple runs, the Lessor shall provide ladder-type or other acceptable cable trays to prevent Government-provided cable coming into contact with suspended ceilings or sprinkler piping. Cable trays shall form a loop around the perimeter of the Government-demised area such that they are within a 30-foot horizontal distance of any single drop.

8.16 ELECTRICAL, TELEPHONE, DATA FOR SYSTEMS FURNITURE (AUG 2008)

A. TENANT IMPROVEMENT INFORMATION:

1. The Lessor shall provide as part of the Tenant Improvement Allowance separate data, telephone, and electric junction boxes for the base feed connections to Government-provided modular or systems furniture, when such feeds are supplied via wall outlets or floor penetrations. When overhead feeds are used, junction boxes shall be installed for electrical connections. Raceways shall be provided throughout the furniture panels to distribute the electrical, telephone, and data cable. The Lessor shall provide all electrical service wiring and connections to the furniture at designated junction points. Each electrical junction shall contain an 8-wire feed consisting of 3 general-purpose 120-V circuits with 1 neutral and 1 ground wire, and a 120-V isolated-ground circuit with 1 neutral and 1 isolated-ground wire. A 20-ampere circuit shall have no more than 8 general-purpose receptacles or 4 isolated-ground "computer" receptacles.
2. The Government shall be responsible for purchasing data and telecommunications cable. Said cable shall be installed and connected to systems furniture by the Lessor/contractor with the assistance and/or advice of the Government or computer vendor. The Lessor shall provide wall-mounted data and telephone junction boxes, which shall include rings and pull strings to facilitate the installation of the data and telecommunications cable. When cable consists of multiple runs, the Lessor shall provide ladder-type or other acceptable cable trays to prevent Government-provided cable coming into contact with suspended ceilings or sprinkler piping. Cable trays shall form a loop around the perimeter of the Government-demised area such that they are within a 30-foot horizontal distance of any single drop. Said cable trays shall provide access to both telecommunications data closets and telephone closets.
3. The Lessor shall furnish and install suitably sized junction boxes in the vicinity of the "feeding points" of the furniture panels. All "feeding points" shall be shown on Government-approved design intent drawings. The Lessor shall temporarily cap off the wiring in the junction boxes until the furniture is installed. The Lessor shall make all connections in the power panel and shall keep the circuit breakers off. The Lessor shall identify each circuit with the breaker number and shall identify the

computer hardware to be connected to it. The Lessor shall identify each breaker at the panel and identify the devices that it serves.

4. The Lessor's electrical contractor must connect power poles or base feeds in the junction boxes to the furniture electrical system and test all pre-wired receptacles in the systems furniture. Other Government contractors will be installing the data cable in the furniture panels for the terminal and printer locations, installing the connectors on the terminal/printer ends of the cable, and continuity testing each cable. Work shall be coordinated and performed in conjunction with the furniture, telephone, and data cable installers. Much of this work may occur over a weekend on a schedule that requires flexibility and on-call visits. The Lessor must coordinate the application of Certification of Occupancy with furniture installation.

#### 8.17 ADDITIONAL ELECTRICAL CONTROLS

If the Government pays separately for electricity, no more than 500 square feet of office may be controlled by one switch or automatic light control for all space on the Government meter, whether through a building automation system, time clock, occupant sensor, or other comparable system acceptable to the Contracting Officer.

#### 8.18 ELEVATORS (AUG 2008)

A. The Lessor shall provide suitable passenger and, when required by the Government, freight elevator service to any Government-demised area not having ground level access. Service shall be available during the hours specified in the "Normal Hours" paragraph in the SERVICES, UTILITIES AND LEASE ADMINISTRATION section of this SFO. However, one passenger and, when required by the Government, one freight elevator shall be available at all times for Government use. When a freight elevator is required by the Government, shall be accessible to the loading areas. When possible, the Government shall be given 24-hour advance notice if the service is to be interrupted for more than 1-1/2 hours. Normal service interruption shall be scheduled outside of the Government's normal working hours. The Lessor shall also use best efforts to minimize the frequency and duration of unscheduled interruptions.

##### B. CODE:

Elevators shall conform to the current requirements of the American Society of Mechanical Engineers ASME A17.1, *Safety Code for Elevators and Escalators (current as of the award date of this SFO)*. Where provided, elevator lobby and elevator machine room smoke detectors shall activate the building fire alarm system, provide Phase 1 automatic recall of the elevator(s), and automatically notify the local fire department or approved central station. The elevator shall be inspected and maintained in accordance with the current edition of the ASME A17.2, *Inspectors' Manual for Elevators*. Except for the reference to ASME A17.1 in ABAAS Section F105.2.2, all elevators must meet ABAAS requirements for accessibility in Sections 407, 408, and 409 of ABAAS.

##### C. SAFETY SYSTEMS:

Elevators shall be equipped with telephones or other two-way emergency communication systems. The system used shall be marked and shall reach an emergency communication location staffed 24 hours per day, 7 days per week.

##### D. SPEED:

The passenger elevators shall have a capacity to transport in 5 minutes 15 percent of the normal population of all upper floors (based on 150 square feet per person). Further, the dispatch interval between elevators during the up-peak demand period shall not exceed 35 seconds.

##### F. INTERIOR FINISHES:

Elevator cab walls shall be hardwood, marble, granite, or an equivalent pre-approved by the Contracting Officer. Elevator cab floors shall be marble, granite, terrazzo, or an equivalent pre-approved by the Contracting Officer.

#### 8.19 LIGHTING: INTERIOR AND PARKING (AUG 2008)

##### A. BUILDING SHELL:

1. In accordance with subparagraph (10) of the, "Building Shell Requirements" paragraph in the Summary section of this SFO, the Lessor shall provide interior lighting, as part of the building shell cost, as follows:
  - a. Unless alternate lighting is approved by the Contracting Officer, modern, diffused fluorescent fixtures using no more than 2.0 W per ANSI/BOMA Office Area square foot shall be provided. Such fixtures shall be capable of producing a light level of 50 average maintained foot-candles at working surface height throughout the space. Tubes shall then be removed to provide 1) 30 foot-candles in portions of work areas other than work surfaces and 2) 1 foot-candle to 10 foot-candles, or minimum levels sufficient for safety, in non-working areas. Exceptions may be granted by the GSA Buildings Manager, and approved by the GSA Contracting Officer. When the space is not in use by the Government, interior and exterior lighting, except that essential for safety and security purposes, shall be turned off.
  - b. Exterior parking areas, vehicle driveways, pedestrian walkways, and building perimeter shall have 5 foot-candles for doorway areas, 3 foot-candles for transition areas (including stairwells), and at least 1 foot-candle overlapping throughout the lot, except where local codes conflict. Illumination shall be designed based on Illuminating Engineering Society of North America (IESNA) standards. Indoor parking shall have a minimum of 10 foot-candles and shall be designed based on IESNA standards. The intent is to provide adequate lighting at entrances/exits, garages, parking lots or other adjacent areas to the building to discourage crimes against persons.

- c. Exterior building lighting must have emergency power backup to provide for safe evacuation of the building in case of natural disaster, power outage, or criminal/terrorist activity.
- d. The Lessor shall provide occupancy sensors and/or scheduling controls through the building automation system to reduce the hours that the lights are on when the space is unoccupied. The Lessor shall provide daylight dimming controls in atriums or within 15 feet of windows where daylight can contribute to energy savings.

B. TENANT IMPROVEMENTS:

1. Once the design intent drawings are approved, the Lessor shall design and provide interior lighting yielding a uniform 50 foot-candle's at working surface height (30" above the floor). The increase between the number of fixtures required in the building shell and the space layout is part of the Tenant Improvement Allowance. The light fixtures shall meet the requirements as stated in the above Building Shell subparagraph A.
2. If pendant style indirect lighting fixtures are used, the increase between the number of fixtures required in the building shell and the space layout is also part of the Tenant Improvement Allowance.
3. The design intent drawings may require a mixed use of recessed and pendant style fixtures in the leased space.
4. There may be additional security requirements for lighting in exterior parking areas, vehicle driveways, pedestrian walkways, and building perimeter. Please see Security Requirements elsewhere in this solicitation.

10.0 LEASE SECURITY STANDARDS

10.1 GENERAL REQUIREMENTS (NOV 2005)

A. Overview of Lease Security Standards:

1. The Government will determine security standards for facilities and agency space requirements. Security standards will be assessed based upon tenant agency mix, size of space requirement, number of employees, use of the space, location of the facility, configuration of the site and lot, and public access into and around the facility. The Government will designate a security level from Level I to Level IV for each space requirement. The Contracting Officer (or the Contracting Officer's designated representative) will provide the security level designation as part of the space requirement. A copy of the Government's security standards is available at [www.oca.gsa.gov](http://www.oca.gsa.gov).
2. The Contracting Officer (or the Contracting Officer's designated representative) will identify all required security standards.
3. Within 120 days of lease award, or at the time of submission of working/construction drawings, whichever is earlier, the Lessor shall provide the Government with itemized costs of the security items in this section. Additionally, the Lessor shall provide the cost per square foot of those items designated "shell" in this section as submitted in the final offer.
4. A security level designation may be determined by the individual space requirement or by the assessed, cumulative tenant agency mix within a given facility. If an Offeror is offering space in a facility currently housing a federal agency, the security level designation of the facility may be increased and the Offeror may be required to adhere to a higher security standard than other Offerors competing for the same space requirement. If two or more federal space requirements are being competed at the same time, an Offeror submitting on both or more space requirements may be subject to a higher security standard if the Offeror is determined to be the successful Offeror on more than one space requirement. It is incumbent upon the Offeror to prepare the Offeror's proposal accordingly.
5. Level I requirements have been incorporated into the paragraphs entitled, *Lighting: Interior and Parking*, and *Doors: Hardware* as part of this SFO. If this SFO is used for a Level I space requirement, the Level II lease security standards, as determined by the Government, shall become the minimum lease security standards for this requirement.

10.2 DETERRENCE TO UNAUTHORIZED ENTRY (NOV 2005)

The Lessor shall provide a level of security that reasonably prevents unauthorized entry to the space during non-duty hours and deters loitering or disruptive acts in and around the space leased. The Lessor shall ensure that security cameras and lighting are not obstructed.

10.3 ACCESS TO UTILITY AREAS (NOV 2005)

Utility areas shall be secure, and only authorized personnel shall have access.

10.4 EMERGENCY POWER TO CRITICAL SYSTEMS (TENANT IMPROVEMENT) (NOV 2005)

Emergency power backup is required for all alarm systems, CCTV monitoring devices, fire detection systems, entry control devices, lighting, etc., and special equipment, as identified elsewhere in the SFO.

10.5 MECHANICAL AREAS AND BUILDING ROOFS (NOV 2005)

- A. Keyed locks, keycards, or similar security measures shall strictly control access to mechanical areas. Additional controls for access to keys, keycards, and key codes shall be strictly maintained. The Lessor shall develop and maintain accurate HVAC diagrams and HVAC system labeling within mechanical areas.
- B. Roofs with HVAC systems shall also be secured. Fencing or other barriers may be required to restrict access from adjacent roofs based on a Government Building Security Assessment. Roof access shall be strictly controlled through keyed locks, keycards, or similar measures. Fire and life safety egress shall be carefully reviewed when restricting roof access.

10.6 ACCESS TO BUILDING INFORMATION (NOV 2005)

Building Information—including mechanical, electrical, vertical transport, fire and life safety, security system plans and schematics, computer automation systems, and emergency operations procedures—shall be strictly controlled. Such information shall be released to authorized personnel only, approved by the Government, preferably by the development of an access list and controlled copy numbering. The Contracting Officer may direct that the names and locations of Government tenants not be disclosed in any publicly accessed document or record. If that is the case, the Government may request that such information not be posted in the building directory.

10.7 POSTING OF GOVERNMENT RULES AND REGULATIONS (TENANT IMPROVEMENT) (NOV 2005)

The Government will post applicable Government rules and regulations at the entrance to any Government-occupied space for such things as, but not limited to, barring the unauthorized possession of firearms and dangerous weapons. The Government will coordinate with the Lessor to ensure signage is consistent with the Lessor's standards.

**10.8 DEVELOPMENT, IMPLEMENTATION, AND PERIODIC REVIEW OF OCCUPANT EMERGENCY PLANS (NOV 2005)**

The Lessor shall cooperate and participate in the development of an Occupant Emergency Plan (OEP) and if necessary, a supplemental Sheltering-in Place (SIP) Plan. Periodically, the Government may request that the Lessor assist in reviewing and revising the OEP and SIP plan(s).

**10.9 BUILDING SECURITY PLAN (NOV 2005)**

The Offeror shall provide a Pre-Lease Building Security Plan, as attached, with the offer that addresses its compliance with the lease security standards, as described in this SFO and its attachments.

**10.10 ADDITIONAL SECURITY MEASURES AS DETERMINED BY THE GOVERNMENT (NOV 2005)**

The Government reserves the right, prior to the submission of final revised proposals, to require additional security measures to meet specific tenant occupancy requirements, as may be determined by the Government's building security assessment or any type of Government risk assessment evaluation of the proposed building, location, and tenant mix.

**10.11 IDENTITY VERIFICATION OF PERSONNEL (MAY 2007)**

A. The Government reserves the right to verify identities of personnel with routine access to Government space. The Lessor shall comply with the agency personal identity verification procedures below that implement Homeland Security Presidential Directive-12 (HSPD-12), Office of Management and Budget (OMB) guidance M-05-24, and Federal Information Processing Standards Publication (FIPS PUB) Number 201, as amended.

B. The Lessor shall insert this paragraph in all subcontracts when the subcontractor is required to have physical access to a federally controlled facility or access to a federal information system.

C. Lessor compliance with subparagraphs 1 through 4 below will suffice to meet the Lessor's requirements under HSPD-12, OMB M-05-24, and FIPS PUB Number 201.

1. The Government reserves the right to conduct background checks on Lessor personnel and contractors with routine access to Government leased space.
2. Upon request, the Lessor shall submit completed fingerprint charts and background investigation forms for each employee of the Lessor, as well as employees of the Lessor's contractors or subcontractors, who will provide building operating services requiring routine access to the Government's leased space for a period greater than 6 months. The Government may also require this information for the Lessor's employees, contractors, or subcontractors who will be engaged to perform alterations or emergency repairs in the Government's space.
3. The Lessor must provide Form FD-258, Fingerprint Chart (available from the Government Printing Office at <http://bookstore.gpo.gov>), and Standard Form 85P, Questionnaire for Public Trust Positions, completed by each person and returned to the contracting officer (or the contracting officer's designated representative) within 30 days from receipt of the forms. Based on the information furnished, the Government will conduct background investigations of the employees. The contracting officer will advise the Lessor in writing if an employee fails the investigation, and, effective immediately, the employee will no longer be allowed to work or be assigned to work in the Government's space.
4. Throughout the life of the lease, the Lessor shall provide the same data for any new employees, contractors, or subcontractors who will be assigned to the Government's space. In the event the Lessor's contractor or subcontractor is subsequently replaced, the new contractor or subcontractor is not required to submit another set of these forms for employees who were cleared through this process while employed by the former contractor or subcontractor. The Lessor shall resubmit Form FD-258 and Standard Form 85P for every employee covered by this paragraph on a 5-year basis.

**10.12 SECURE HVAC: AIRBORNE HAZARDS (NOV 2005)**

Air-handling units shall be able to be shut down in response to a threat. Procedures shall be in place for notification of the Lessor's building engineer or manager, building security guard desk, local emergency personnel, GSA personnel, and Contracting Officer for possible shut-down of the air handling units serving the mailroom and/or any other possibly affected areas of the building to minimize contamination, as deemed appropriate to the hazard.

**D. Identification of Parking Areas:**

Government parking areas or spaces shall be assigned and marked as "reserved."

**10.13 SHATTER-RESISTANT WINDOW PROTECTION REQUIREMENTS (NOV 2005) (BUILDING SHELL)**

A. The Lessor shall provide and install wet-glazed or mechanically attached, shatter-resistant material not less than 0.18 millimeters (7 mil) thick on all exterior windows in Government-occupied space. The Offeror shall provide a description of the shatter-resistant window system in the attached "Pre-Lease Building Security Plan" for evaluation by the Government. Alternatively,

B. The Lessor shall provide certification from a licensed professional engineer that the window system conforms to a minimum glazing performance condition of "3B" for a high protection level and a low hazard level. Window systems shall be certified as prescribed by WINGARD 4.1 or later or WINLAC 4.3 software to have satisfied the specified performance condition using the test methods provided in the *US General Services Administration Standard Test Method for Glazing and Window Systems Subject to Dynamic Overpressure Loadings* or ASTM F1642-04 *Standard Test Method for Glazing and Glazing Systems Subject to Airblast Loadings*.

**10.14 TEMPORARY SECURITY UPGRADE DUE TO IMMEDIATE THREAT (NOV 2005)**

The Government reserves the right, at its own expense and with its own personnel, to temporarily heighten security in the building under lease during heightened security conditions due to emergency situations such as terrorist attacks, natural disaster, and civil unrest.

**10.15 SECURITY DESIGN CRITERIA (NOV 2005)**

A. Security Design Criteria:

The Lessor shall ensure that the building design conforms to the standards detailed in the latest version of the Interagency Security Committee's (ISC) *Security Design Criteria*. A copy of the criteria is available at [www.oca.gsa.gov](http://www.oca.gsa.gov).

**10.16 SECURITY DESIGN CRITERIA: SETBACK (BUILDING SHELL) (NOV 2005)**

The Lessor shall provide a setback distance of N/A as specified from the face of the building's exterior to the protected/defended perimeter (i.e., any potential point of explosion). This means the distance from the building to the curb or other boundary protected by bollards, planters or other street furniture. Such potential points of explosion may be, but are not limited to, such areas that could be accessible by any motorized vehicle (i.e., street, alley, sidewalk, driveway, parking lot).

**10.17 SECURITY DESIGN CRITERIA: FACADE PROTECTION (BUILDING SHELL) (NOV 2005)**

The Lessor shall provide a facade protection level of N/A as prescribed by WINGARD 4.1 or later or WINLAC 4.3 software.

**10.18 SECURITY DESIGN CRITERIA: SHATTER-RESISTANT WINDOWS (BUILDING SHELL) (NOV 2005)**

In Government-occupied space, window systems shall be certified by a licensed professional engineer as conforming to a minimum glazing performance condition of 3B for a high protection level and a low hazard level. Window systems shall be certified as prescribed by WINGARD 4.1 or later or WINLAC 4.3 software to have satisfied the specified performance condition using the test methods provided in the *US General Services Administration Standard Test Method for Glazing and Window Systems Subject to Dynamic Overpressure Loadings* or F1642-04 *Standard Test Method for Glazing and Glazing Systems Subject to Airblast Loadings*.

**10.19 SECURITY DESIGN CRITERIA: HVAC (BUILDING SHELL) (NOV 2005)**

Lobbies, mailrooms, and loading docks shall not share a return-air system with the remaining areas of the building. The Lessor shall provide lobby, mailroom, and loading dock ventilation systems' outside air intakes and exhausts with low leakage, fast acting, isolation dampers that can be closed to isolate their systems. Dedicated HVAC shall be required for mailrooms only when the Government specifically requires a centrally operated mailroom. On buildings of more than four stories, air intakes shall be located on the fourth floor or higher. On buildings of three stories or less, air intakes shall be located on the roof or as high as practical. Locating intakes high on a wall is preferred over a roof location.

**10.20 SECURITY DESIGN CRITERIA: DESIGN AND ENGINEERING DOCUMENTS (NOV 2005)**

The Government will review all design and engineering documents, including structural engineering calculations during design development.