

RLP OFFER ATTACHMENT - SEISMIC OFFER FORMS

Instructions for Offeror:

Forms A through D represent pre-award submittals. Depending upon the form, either the Offeror shall complete and sign, or the Offeror's engineer shall complete, stamp and sign, the appropriate seismic forms to confirm seismic compliance (RP 8). The Offeror's engineer shall confirm whether the Building meets RP 8 standards, using Form A for benchmark buildings or Form B for other existing building types. If the engineer's certification indicates that the building does not meet RP 8 standards, Offeror shall agree to retrofit the building to meet RP 8 standards, using Form C, Part 1. Offerors providing new construction shall commit to a design code, using Form C, Part 2. Offerors may represent that their building meets exemption criteria, using Form D.

Forms E and F represent post-award submittals that only apply when the Offeror has agreed to either retrofit an existing building (using Form E) or is constructing a new building (using Form F). The Lessor's engineer shall complete, stamp and sign the appropriate form prior to the Government's acceptance of space.

The forms shall include the supporting documentation stated in the RLP and Lease.

See below for a detailed explanation of each of the forms:

SEISMIC FORM A - CERTIFICATE OF SEISMIC COMPLIANCE - BENCHMARK BUILDING

A benchmark building is one that was designed and built in accordance with adequate seismic provisions which are considered to provide acceptable life-safety protection. A building qualifies as a benchmark building in accordance with *RP 8 Section 1.3.1 Table 1-1*. The building is accepted by structural compliance with Table 1-1 and no additional hazards need be considered. If the seismicity of a region has changed since the benchmark dates listed in the Table, a building must have been designed and constructed or evaluated in accordance with the now current or greater seismicity of the region to be compliant with the RP 8 Standards.

SEISMIC FORM B - CERTIFICATE OF SEISMIC COMPLIANCE EXISTING BUILDING

The building shall be determined through evaluation by an engineer in accordance with *RP 8 Chapter 3* and *ASCE/SEI 31* to meet the Life Safety Performance Level. The evaluation must include the appropriate Structural, Nonstructural and Geologic Site Hazards and Foundation Checklists with backup calculations.

SEISMIC FORM C – BUILDING RETROFIT OR NEW CONSTRUCTION PRE-AWARD COMMITMENT

Part 1 (applies to existing building retrofit only). The Offeror shall identify the engineer in charge of the seismic retrofit and commit that the design and construction of the seismic retrofit work shall conform to the requirements of *ASCE/SEI 41 Basic Safety Objective*. The commitment must also include a Tier 1 report with supporting documentation, a narrative, scope and schedule of the proposed renovations.

Part 2 (applies to new construction only). The Offeror shall identify the engineer in charge of the design of the building and specify the building code to which the building shall be designed and constructed.

SEISMIC FORM D – OFFEROR'S REPRESENTATION OF EXEMPTION FROM SEISMIC STANDARDS

The offeror may claim an exemption from seismic compliance if representing that the offered building meets either of the following exemptions:

- In an area of moderate seismicity, the total space leased by the federal government, including the offered space, will be less than 10,000 ABOA SF upon commencement of the lease term.
- In an area of high to very high seismicity, the offered building is a one-story building of steel light frame or wood construction with less than 280 m2 (3,000 ABOA SF)

SEISMIC FORM E - CERTIFICATE OF SEISMIC COMPLIANCE - RETROFITTED BUILDING

The engineer in charge of the structural retrofit of the leased building shall certify that the standard for design was the Basic Safety Objective as set forth in ASCE/SEI 41 *Seismic Rehabilitation of Existing Buildings*, and that the building was rehabbed to that standard.

SEISMIC FORM F - CERTIFICATE OF SEISMIC COMPLIANCE - NEW BUILDING

The engineer shall certify that the design and construction of new buildings, or additions to existing buildings conforms to the seismic provisions of the latest edition of the applicable State or local government codes under which it was built.

DEFINITIONS - The following definitions apply to the completion of the above-referenced forms:

1. **"Engineer"** means a professional engineer licensed Civil or Structural Engineering in the state where the property is located and qualified in the structural design of buildings.
2. **"ASCE/SEI 31"** means, American Society of Civil Engineers Standard *"Seismic Evaluation of Existing Buildings"*. ASCE/SEI 31 can be purchased from ASCE at (800) 548-2723, or by visiting <http://www.pubs.asce.org>.
3. **"ASCE/SEI 41"** means, American Society of Civil Engineers Standard *"Seismic Rehabilitation of Existing Buildings"*. ASCE/SEI 41 can be purchased from ASCE at (800) 548-2723, or by visiting <http://www.pubs.asce.org>.
4. **"Seismic Certificate"** means a certificate executed by an engineer on the Certificate of Seismic Compliance form included with this solicitation together with any required attachments.
5. **"RP 8"** means, *"Standards of Seismic Safety for Existing Federally Owned and Leased Buildings ICSSC Recommended Practice 8 (RP 8)"*, issued by the Interagency Committee on Seismic Safety in Construction as ICSSC RP 8 and the National Institute of Standards and Technology as NIST GCR 11-917-12. RP 8 can be obtained from the Building and Fire Research Laboratory, National Institute of Standards and Technology, Gaithersburg, MD 20899, or by visiting http://www.wbdg.org/ccb/NIST/nist_gcr11_917_12.pdf

SEISMIC FORM A

CERTIFICATE OF SEISMIC COMPLIANCE
BENCHMARK BUILDING

Date: _____

This is to affirm that _____ served as engineer in charge of the seismic evaluation of the building located at _____

The building has the following characteristics:

ASCE Building Type: _____	No. of Stories: _____	Approx. Area: _____
Building Design Code: _____	Year of Design Code: _____	Year of Construction: _____

On the basis of this, and to the extent permitted by this level of evaluation, it is my opinion that the subject Building qualifies as a Benchmark Building as indicated in Table 1-1, ASCE/SEI 31.

Affix Stamp and Sign Here

Engineer's Name: _____

Firm: _____

Address: _____

Telephone: _____

License No.: _____

State: _____

Expiration Date: _____

Initials: _____ (Lessor) / _____ (Gov't)

**CERTIFICATE OF SEISMIC COMPLIANCE
EXISTING BUILDING**

Date: _____

This is to affirm that _____ served as engineer in charge of the seismic evaluation of the building located at _____

The building has the following characteristics:

ASCE Building Type: _____	No. of Stories: _____	Approx. Area: _____
Building Design Code: _____	Year of Design Code: _____	Year of Construction: _____

The building has been evaluated to the Life Safety Performance Level as set forth in the "Standards of Seismic Safety for Existing Federally Owned and Leased Buildings," ICSSC RP 8 using ASCE/SEI 31 methodology :

___ Tier 1 Evaluation;

___ Tier 2 Evaluation;

___ Tier 3 Evaluation;

___ Other (please explain below)

Documentation of this evaluation must be attached to this Certificate.

On the basis of this, and to the extent permitted by this level of evaluation, it is my opinion that subject Building (*check one*) ☐ does / ☐ does not meet the Life Safety Performance Level of ICSSC RP 8.

Affix Stamp and Sign Here

Engineer's Name:

Firm:

Address:

Telephone:

License No.:

State:

Expiration Date:

Comments: Attach: ASCE/SEI 31 Checklist(s) Structural, Nonstructural, and Geologic Site Hazards and Foundation

**BUILDING RETROFIT OR NEW CONSTRUCTION
PRE-AWARD COMMITMENT**

PART 1**PRE-AWARD COMMITMENT TO RETROFIT BUILDING:**

Date: _____

_____ shall serve as the engineer in charge of the seismic retrofit of the building located at _____. The retrofit will be designed to meet **Basic Safety Objective** as set forth in ASCE/SEI 41 *Seismic Rehabilitation of Existing Buildings*.

In accordance with the requirements of this standard and the seismic paragraph in the Request for Lease Proposals (RLP), our offer includes a commitment to retrofit the building to satisfy all of the Basic Safety Objective requirements of ASCE/SEI 41. We propose to retrofit the offered building. The offer includes a Tier 1 report with all supporting documents, a narrative explaining the process and scope of renovations and a schedule for the seismic retrofit. Documentation before award must demonstrate the seismic retrofit will meet the seismic standards and be completed within the time frame required.

PART 2**PRE-AWARD COMMITMENT TO CONSTRUCT A NEW BUILDING:**

Date: _____

This is to affirm that _____ will as the engineer in charge of the structural design of the building located at _____. The criteria for design will be the _____ edition of the _____ code. In accordance with the requirements of this code, we prepared a quality assurance plan that included requirements for testing and inspection of critical elements of the structure and also periodic observation by our staff. We reviewed special inspection and testing reports prepared by the inspection agency and contractor submittals. On the basis of this, and to the extent permitted by this level of construction surveillance, it is my opinion that the building was designed and constructed in conformance with the requirements of the above code.

The building has the following characteristics:

Building Type: _____	Bldg. Height: _____	Approx. Area: _____
Building Design Code: _____	Year of Design Code: _____	Year of Construction: _____

OFFEROR

SIGNATURE

NAME OF SIGNER

OFFEROR'S REPRESENTATION OF EXEMPTION FROM SEISMIC STANDARDS

Date: _____

I represent that my building is exempt from the requirements of RP 8 because:

- ☐ The Building is located in an area of medium seismicity and the Building will have less than 10,000 ABOA SF of space leased to the Federal Government upon commencement of the lease term.
- ☐ The Building is located in an area of high to very high seismicity and is a one-story building of light frame steel or wood construction with less than 3,000 ABOA SF of space in the building.

OFFEROR	
SIGNATURE	NAME OF SIGNER
_____	_____

**CERTIFICATE OF SEISMIC COMPLIANCE
RETROFITTED BUILDING**

PRE-OCCUPANCY CERTIFICATE:

Date: _____

This is to affirm that _____ served as the engineer in charge of the structural retrofit of the building located at _____. The standard for design was the Basic Safety Objective as set forth in ASCE/SEI 41 *Seismic Rehabilitation of Existing Buildings*.

In accordance with the requirements of this standard, we prepared a quality assurance plan that included requirements for testing and inspection of seismic retrofit work and also periodic observation by our staff. We reviewed special inspection and testing reports prepared by the inspection agency and contractor submittals. On the basis of this, and to the extent permitted by this level of construction surveillance, it is my opinion that the building was designed and constructed in conformance with the requirements of the above standard.

The building has the following characteristics:

ASCE Building Type: _____	No. of Stories: _____	Approx. Area: _____
Building Design Code: _____	Year of Design Code: _____	Year of Construction: _____
Retrofit Design Standard: _____	Year of Retrofit Standard: _____	Year of Retrofit: _____

Documentation of this retrofit must be available to GSA. .

On the basis of the above, it is my opinion that subject Building ____ does, ____ does not meet the Basic Safety Objective - Performance Level as set forth in ASCE/SEI 41 *Seismic Rehabilitation of Existing Buildings*.

Affix Stamp and Sign Here

Engineer's Name:

Firm:

Address:

Telephone:

License No.:

State:

Expiration Date:

**CERTIFICATE OF SEISMIC COMPLIANCE
NEW BUILDING**

PRE-OCCUPANCY CERTIFICATE:

Date: _____

This is to affirm that _____ served as the engineer in charge of the structural design of the building located at _____. The criteria for design were the _____ edition of the _____ code. In accordance with the requirements of this code, we prepared a quality assurance plan that included requirements for testing and inspection of critical elements of the structure and also periodic observation by our staff. We reviewed special inspection and testing reports prepared by the inspection agency and contractor submittals. On the basis of this, and to the extent permitted by this level of construction surveillance, it is my opinion that the building was designed and constructed in conformance with the requirements of the above code.

The building has the following characteristics:

Building Type: _____	Bldg. Height: _____	Approx. Area: _____
Building Design Code: _____	Year of Design Code: _____	Year of Construction: _____

Affix stamp and sign here

Engineer's Name:

Firm:

Address:

Telephone:

License No.:

State:

Expiration Date:

Comments: