



## Seismic SIPP Detail

01/30/19

**Seismic Risk Assessment and Mitigation Plans:** Funded under a separate allotment of the Sustainable Infrastructure Planning Projects (SIPP) program. **Applicants can submit an LOI for creation of the Seismic Risk Assessment and Mitigation Plan required by OHA as part of a full master plan submittal.** Seismic requirements are outlined in [OAR 333-061-0060\(5\)\(a\)\(J\)](#). Projects receive 100% forgivable loan funding up to \$20,000. Eligibility is limited to systems that serve 300 to 3,300 connections. Projects will be ranked on the SIPP Project Priority List based on submittal date of a completed LOI (i.e., first-come, first-serve). No rating and ranking of projects by OHA staff is required. Business Oregon will inform OHA when eligible Seismic projects have been submitted.

To be eligible for funding, the project proposal must meet each of the following criteria:

1. The water system must serve 300 to 3,300 connections.
2. The water system must be subject to the Seismic Risk Assessment and Mitigation Plan requirements for master plans under OAR 333-061-0060(5)(a)(J). This includes water systems fully or partially located in areas identified as VII to X, inclusive, for moderate to very heavy damage potential using the [Map](#) of Earthquake and Tsunami Damage Potential for a Simulated Magnitude 9 Cascadia Earthquake, Open File Report 0-13-06, Plate 7 published by the State of Oregon, Department of Geology and Mineral Industries.
3. The seismic risk assessment must identify critical facilities capable of supplying key community needs, including fire suppression, health and emergency response and community drinking water supply points.
4. The seismic risk assessment must identify and evaluate the likelihood and consequences of seismic failures for each critical facility.
5. The mitigation plan must encompass up to a 50-year planning horizon and include recommendations to minimize water loss from each critical facility, capital improvements or recommendations for further study or analysis.