APPENDIX F: SEISMIC PROJECT IDENTIFICATION REPORT (SPIR)

The Seismic Project Identification Report (SPIR) is a specifically formatted report developed for the Ministry by the Engineers and Geoscientists BC (EGBC) which is to be used by registered structural engineers to document seismic mitigation options for a seismically deficient block in a school. A SPIR will define the preliminary scoping and costing for the different options being proposed. EGBC has provided a guideline for the completion of a SPIR, which also includes fee structures for structural engineers. General requirements for the preparation of a SPIR include the following:

(a) **SPIR Funding**: A board of education is required to fund the costs of a SPIR.

(b) **Renewal**: The scope of the SPIR must only include work (i.e., structural, architectural, mechanical, and electrical) that is necessary to implement the seismic upgrade. Any additional renewal work that is not an essential part of the seismic upgrade should be excluded.

(c) **Prime Consultant**: The prime consultant for the preparation of the SPIR must be a registered structural engineer possessing the most recent Seismic Retrofit Guidelines training (currently in its 3rd edition as SRG3).

(d) **Construction Cost Estimate**: A qualified cost consultant must prepare a Class C construction cost estimate for the seismic upgrade, which can be included in a cost consultant report to be appended to the SPIR.

(e) **Multi-disciplinary SPIR Consulting Team**: Most SPIRs are anticipated to require nominal architectural, mechanical, electrical and geotechnical engineering services. The prime consultant must make a request to the Technical Review Board (TRB) for approval of additional funding for such services at the onset of preparing the SPIR. The TRB may then recommend additional funding to the Ministry, as required.

Further information regarding the SPIR process, as well as the SPIR Guidelines – Edition 2.2 (May 2016) and SPIR Template (March 2016) are available by scrolling to the bottom of the following webpage:

https://www.egbc.ca/Practice-Resources/School-Seismic-Upgrade-Program