

RFQ FOR EXECUTIVE RESIDENCE – UNIVERSITY OF IDAHO



Sravasti Abbey



**Australian Ambassador
Residence**



**Inland Empire
Residential Resources**

Sravasti Abbey – Buddhist Monastery with Residence, Dining, Gathering, and Yoga Spaces

Newport, WA

Sravasti Abbey was finished in August 2013, and will be open for meditation, and retreats in October of 2013. Sravasti Abbey was designed with a 200 year life expectancy, and integrated a ground source heat pump for a very efficient HVAC system.

Australian Ambassador's Residence

Washington D.C.

While working for Vanderweil Engineers in Washington D.C, Mark Kartchner spent months designing the mechanical, ventilation, and cooling system for the Australian Ambassadors Residence. The Ambassadors residence used window units for cooling before the four pipe fan coil system was installed. Great care was taken to integrate the mechanical system with the architectural complexities of a high end residence.

Inland Empire Residential Resources

Spokane, WA

Eagles Nest Community Center

Omak, WA

U of I Gamma Phi Beta Remodel

Moscow, ID

Inland Empire Residential Resources

Spokane, WA



**Gonzaga University
College Hall**

Gonzaga University – College Hall
Spokane, WA

The College Hall Building was first built in 1898, with an addition finished in 1903. College hall was one of the very first buildings built for Gonzaga University and was visited by President Roosevelt in 1903. In 2004, renovations were started on the fourth floor of the administration building. These renovations initiated some studies to provide cooling and ventilation as window units had been used previously. Mark Kartchner performed this study, and has spent the last six years implementing a four pipe fan coil cooling, and heating system for the administration building. Currently 40% of the building is now mechanically cooled and ventilated with plans for the other 100% of the building. Great care has been taken to maintain the historical nature of the Gonzaga Administration building.