



Canada: AIRPORT AND CRUISE SHIP EXPANSIONS IN BRITISH COLUMBIA

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The City of Nanaimo, located on Vancouver Island, British Columbia, recently announced plans to expand their existing airport and cruise ship terminal. These two projects, valued at close to \$40 million, will help strengthen Nanaimo's growing tourism industry and create export opportunities for American firms supplying high tech, cost effective products and services.

AIRPORT EXPANSION

The airport expansion project, scheduled for completion by 2018 will be done in two to three phases.

Phase One: Runway Extension valued at \$16.4 Million

The runway expansion, scheduled for completion by 2009, will extend the existing runway to 6600 ft, providing larger commercial aircraft the ability to land. In addition to expanding the runway, new high-intensity runway lighting, as well as improved navigational instruments will be installed, ensuring commercial and private aircraft can land in inclement weather such as dense fog in the winter months.

Phase Two: Terminal Building and Parking Extension valued at \$8 million.

The design for the terminal building, scheduled for completion by 2012, has not been confirmed, however, the City of Nanaimo stated the structure would be designed and built to meet Leadership in Energy and Environmental Design (LEED) standards. LEED is a third party certification program and the nationally accepted benchmark for the design, construction and operation of high performance green buildings. A green building places high priority on health, environmental and resource conservation performance over its life-cycle. Architectural design and engineering contracts will be advertised and awarded in the near future.

Phase Three- Parking Lot Extension. The final phase of the airport expansion included an extension to the existing parking lot. If required, the parking lot will also be designed and built to "green" standards. Green parking lots reduce runoff that is discharged into local water bodies by using permeable paving and natural drainage landscapes. Energy efficient lighting will also be needed.

CRUISE SHIP TERMINAL

This project, valued at \$18.5 Million, is scheduled to begin in the fall 2008 and completed by Fall 2009.

The expansion plan will encompass assembling a wharf adjacent to the existing ferry terminal, modifying deep-sea berths, upgrading safety and security, dredging, constructing customs and passenger processing facilities, and building ship-to-pier gangways and infrastructure to accommodate bus, taxi and shuttle traffic.

OPPORTUNITIES FOR U.S. FIRMS: Numerous export opportunities exist for U.S. firms supplying a variety of products and services. For example, intense lighting systems, navigational equipment and GPS weather technology will be needed for the airport runway expansion project.

As the actual design has not been approved for the terminal, opportunities exist for engineers with experience in LEED design. Products and materials such a green roof, solar panels, plumbing fixtures, carpets, solar power generation, solar power hot water heating, geothermal hot water heating and cooling systems, energy efficient lighting will be needed for the terminal building.

The materials and services needed for the parking lot include: energy efficient lighting, recycled asphalt & concrete, permeable paving materials (pavers, grid system, porous asphalt, and porous concrete), natural drainage landscapes (bio-swales, rain gardens, bioengineered-planting strips).

NOTE: The project manager for the airport project has asked for all interested parties to forward their information to the U.S. Commercial Service.

Services needed to design and build the new cruise ship terminal include: engineers and general marine contractors with experience in deep sea berth construction and design. General building supplies include the following: mechanical/plumbing, electrical, glass/glazing, roofing, dirt work equipment, concrete, steel and specialty equipment. In addition site furnishings for Canada customs booths and passenger processing facilities will also be sourced.

U.S. companies interested in business relationships with representatives, distributors, government contacts, or licensing partners, should consider taking advantage of trade development programs offered by the U.S. Commercial Service.

For more information on these projects, please visit their websites:

Airport Expansion: <http://www.nanaimoairport.com/projects/>

Cruise Ship Terminal: <http://www.npa.ca/portnews0408.pdf>

For More Information

The U.S. Commercial Service in Vancouver, Canada can be contacted via e-mail at:

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