

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Fairbanks North Star Borough****Federal Tax ID: 920030612****Project Title:****Project Type: Remodel, Reconstruction and Upgrades**

Fairbanks North Star Borough - Noel Wien Library Upgrades

State Funding Requested: \$6,000,000**House District: Fairbanks Areawide (7-11)**

Future Funding May Be Requested

Brief Project Description:

The Noel Wien Library has maintenance issues that must be addressed, including a new roof, controls, bathroom repairs, and other issues.

Funding Plan:

Total Project Cost:	\$6,000,000
Funding Already Secured:	(\$0)
FY2012 State Funding Request:	<u>(\$6,000,000)</u>
Project Deficit:	\$0

Funding Details:

The Fraker Group is performing a Library Study to determine future use and expansion plans of the Noel Wien Library. The FNSB has also funded \$400,000 of preliminary design work which is underway.

Detailed Project Description and Justification:

The FNSB Library Services department is working with the Foraker Group to address Noel Wien library deficiencies as well as expansion needs. The immediate needs center around replacing the roof, replacing the heating and cooling controls, and other renovations.

The Noel Wien library was visited by 314,399 individuals in FY 2009/10 with 641,752 items borrowed, 171,412 reference and informational transactions all through the 58,557 registered borrowers. The library also participates in the local Weed and Seed neighborhood project by coordinating service efforts with other agencies and the library hosted 501 programs that had a total attendance of 18,188 people.

The Noel Wien library is also the Regional Center Library for all of Alaska with the exception of Southeast. The Regional Center is a library-by-mail service for people who don't live in a public library service area. It delivers all types of library materials via mail to people living in the bush, north of the panhandle. Alaska's Regional Services provides library access to those who live in communities that have no libraries (or no state funding for their libraries). This service may also be available to persons living in remote areas but with mailing addresses in towns whose libraries receive state funds. Over the years most of the services of the Regional Mail Services program have remained the same; receiving orders through the mail, sending out packages of library books, magazines and paperbacks and answering reference questions. The majority of patrons still live in isolated areas or in small, remote communities.

Noel Wien Library roof replacement, \$2,600,000, will allow for the complete replacement of the roof of the Noel Wien Library. The roof has been patched and sealed several times over the last few years; unfortunately the roof now needs to be entirely replaced. The FNSB Assembly approved \$400,000 to complete the engineering and design work needed for the project which is ongoing.

The Noel Wien roof replacement project consists of the demolition and replacement of the entire existing roof system; including vapor barrier, thermal barrier, insulation, roof membrane, flashings, copings, roof drains, overflow drains, and the extension of existing parapets, equipment curbs, and other mechanical penetrations. The project scope includes approximately 65,122 sf of roof area on three different levels of which 48,779 sf is the original built up roof assembly constructed in 1977 with several subsequent additions of cap membrane, and 16,343 sf of built-up roof assembly constructed in 1997 with the expansion of the library.

The existing building experiences significant events of water intrusion, principally during spring break-up. While the leaks in the newer portions of the roof appear to be failures in the cap sheet installation, the water intrusion at the older portions of the roof appear not to be surface related but instead pertain to the vapor barrier, or lack of one. During hazardous material sampling, it was determined that no existing vapor barrier appears to have been installed in the 1977 construction. Since the primary water intrusion occurs during spring break-up, with subsequent summer rains not presenting a problem, it is a straightforward conclusion that water intrusion is due to an inadequate vapor barrier.

Major Maintenance and Energy Improvements: \$3,400,000; the Noel Wien library needs some significant maintenance and energy improvements that will maintain the viability of the library and lower operations costs through decreasing energy expenditures. These improvements will include:

- Direct digital controls for heating ventilating and air condition systems, variable frequency drives \$900,000
- Mechanical improvements, ductwork, variable air volume boxes, static pressure relief fans \$450,000
- Fire Alarm replacement to modern programmable system \$350,000
- Repair/replace as necessary and repaint siding \$650,000
- Restroom renovation \$400,000
- Other maintenance repairs \$650,000

The building will be occupied and operational for the duration of the project.

Project Timeline:

The project will commence upon receipt of funds and should be completed by the end of the following construction season.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

FNSB will be responsible for maintenance and operation costs.

Grant Recipient Contact Information:

Name: Luke T. Hopkins
 Title: Mayor
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 Fairbanks, Alaska 99707
 Phone Number: (907)459-1300
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Total Project Snapshot Report

2011 Legislature

TPS Report 53668v1

Has this project been through a public review process at the local level and is it a community priority? Yes No

FNSB Library Facilities Noel Wien upgrades

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