

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Port Alexander****Federal Tax ID: 92-0048894****Project Title:****Project Type: Remodel, Reconstruction and Upgrades**

Port Alexander - Upgrade to Water Distribution System Tract A- Phase 1

State Funding Requested: \$55,000**House District: 34 / Q**

Future Funding May Be Requested

Brief Project Description:

Upgrade a section of outdated failing water distribution line on Tract A of Port Alexander.

Funding Plan:

Total Project Cost:	\$83,000
Funding Already Secured:	(\$28,000)
FY2015 State Funding Request:	<u>(\$55,000)</u>
Project Deficit:	\$0

*Funding Details:**Grant No. 03-MG-103 State of Alaska Grant to Upgrade Waterline and Fire Protection**Grant No. 08-DC-373 A Designated Legislative Grant for Boardwalk Construction and Repair**Grant No. 11-DC--337 State of Alaska Grant for Bear Hall Rehab and Renovation***Detailed Project Description and Justification:**

We, the City of Port Alexander, need to upgrade an outdated, failing section of water distribution line on Tract A. This section has been problematic because the outdated 2" PVC pipe that was installed years ago has become brittle and is failing. This section is 2" and needs to be upgraded to 4" HDPE pipe, making it consistent with the rest of our waterline and assuring residents, along this section, stable potable water and an ability to increase line pressure for better fire protection. This would also include replacing all services and fire hydrants on this section. This old 2" PVC pipe has become brittle over the years and is failing causing water leaks and at times outages for the community members along that section of pipe. When we have large leaks like those that can occur on that section, it requires more filtration and chlorine to be used increasing the cost of operating our water system. The potential of a large leak puts our whole system at risk. Upgrading this section will take out a weak link in our system.

The section of waterline is located in a heavily wooded area and will require a lot of manual labor in digging the line. We hope to employ a local tractor to assist, but it will still require a lot of labor to work in this area. We are a small isolated community, so access to large equipment is not locally available, however there are a few small tractors that could be hired to dig some of the trenches.

We want to use a local labor force. Our community is traditionally a fishing community. Many of those pertinent people that would be involved on our labor force participate in the fishing industry in one way or other; therefore we would anticipate the bulk of work on this project happening during the spring and fall, or winter if it is as mild as it has been this year. We believe

that we are uniquely located, remote and rural and know what it like to work in this area. We have experienced other contractors coming here to do work and finding it very difficult to deal with understanding what works well for us versus the plan on paper. If they had to make adjustments it was a longer process to rewrite what was on paper. If the City force accounts this project we would expect to pay city set wages. Our estimates are based on material costs plus labor costs (1-foreman at 25.00 per hour at 360 hours and 3 laborers at 20.00 per hour at 360 hours)as well as \$600.00 for admin.

The City has already invested in buying a pipefuser for the HDPE pipe and engaged an engineer who has surveyed the waterline path and has drawn up technical plans. We would request that the City of Port Alexander force account this project. Our costs are based on doing that.

We propose to upgrade this approx. 1000 foot section with 4" HDPE pipe which will enable the water pressure in the system to be increased if need be to for better firefighting capabilities, as well as ensure a constant and stable water supply.

Project Timeline:

We envision this project taking 2 years.

Once all requirements are in place we would move to order materials and get them on site. Then begin digging the waterline trench, replacing all pipe, services and fire hydrants along this section. Labor and bookkeeping costs would continue until completion of project.

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

The City of Port Alexander

Grant Recipient Contact Information:

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