

# Project Title: Southeast Island School District - Modify Gym to Allow for More Team Sports

**TPS Number:** 65220

**Priority:** 1

**Agency:** Commerce, Community and Economic Development  
Grants to Named Recipient (AS 37.05.316)

**Federal Tax ID:** 920057120

**Grant Recipient:** Southeast Island School District

**FY2020 State Funding Request:** \$100,000

One-Time Need

## Brief Project Description:

Enclose fourth side of outdoor court to create space for wrestling and archery.

## Funding Plan:

Total Project Cost:	\$100,000
Funding Already Secured:	(\$0)
FY2020 State Funding Request:	(\$100,000)
Project Deficit:	\$0

## Detailed Project Description and Justification:

By constructing a fourth wall the outdoor court can be used for team sport practice. The current attached gym has just the main court. Our students often travel more than an hour one way to practice. Stretching practices out means that some teams have to practice very late requiring two trips to town every day or leaving students unattended for hours awaiting practice times. This has the unintended consequence of limiting student participation and requiring multiple long distance trips each day.

## Project Timeline:

Construction will occur during the summer following approval.

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

Southeast Island School District

## Grant Recipient Contact Information:

**Name:** Lauren Burch  
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Thorne Bay, AK 99919  
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This project has been through a public review process at the local level and it is a community priority.

# Project Title: Southeast Island School District - Replace Fuel Tanks Port Alexander School

**TPS Number:** 65292

**Priority:** 2

**Agency:** Commerce, Community and Economic Development  
Grants to Named Recipient (AS 37.05.316)

**Federal Tax ID:** 920057120

**Grant Recipient:** Southeast Island School District

**FY2020 State Funding Request:** \$75,000

One-Time Need

## Brief Project Description:

Existing Fuel tanks are in danger of failure. Replacement is critical.

## Funding Plan:

Total Project Cost:	\$80,000
Funding Already Secured:	(\$5,000)
FY2020 State Funding Request:	(\$75,000)
Project Deficit:	\$0

## Explanation of Other Funds:

The existing fuel tanks are quite old. They have been sanded and painted but the salt water environment has been hard on them.

## Detailed Project Description and Justification:

The "tank" farm has multiple fuel tanks in an enclosed structure. There is a containment area should fuel leak. They have been sanded and painted but there is a concern that chipping and pitting are beginning to put tanks at risk. The project is complicated by the location of the school and community. Fuel comes only once a year and we cannot exist with smaller, manageable tanks that could be rolled to the site. It will require removing the roof and the use of a helicopter to set the new tanks. The site is remote. The tanks can come by barge but could only move with the use of a helicopter from a distant community.

The school is near the ocean and the community is concerned about the possibility of a spill. We simply do not have the resources to replace the tanks. SISD will provide labor.

Four 3 thousand double walled gallon tanks	\$40,000.00
Helicopter rental	\$20,000.00
Replacement roof, plumbing, electrical	\$15,000.00
Labor supplied by SISD	

## Project Timeline:

Replacement summer 2020

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

Southeast Island School District

## Grant Recipient Contact Information:

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# Project Title: Southeast Island School District - Water Supply Whale Pass School and Community

**TPS Number:** 65285

**Priority:** 3

**Agency:** Commerce, Community and Economic Development  
Grants to Named Recipient (AS 37.05.316)

**Federal Tax ID:** 920057120

**Grant Recipient:** Southeast Island School District

**FY2020 State Funding Request:** \$71,000

One-Time Need

## Brief Project Description:

Install a well to supply school and provide safe drinking water for the community.

## Funding Plan:

Total Project Cost:	\$74,000
Funding Already Secured:	(\$3,000)
FY2020 State Funding Request:	(\$71,000)
Project Deficit:	\$0

## Explanation of Other Funds:

2018 USDA Farm to School grant. \$3000.00 for water storage tank.

## Detailed Project Description and Justification:

The school collects surface water from a very small stream. It must be treated and is not reliable when it freezes or when it does not rain. The community faces the same problem. A home up the hill from the school put in a well and it has good water without contaminants. The school itself sits on land that would have been blasted in the past and the well would have to be placed up the hill beyond that fracture zone. This will require building a path for the well driller.

The water would be used for the school and two school district housing units. Water would be available to the community when many sources freeze up during the winter and when most run out of water during the summer during periods of minimal precipitation. The water would be treated and be vastly safer for consumption than current water sources at the school or community.

## Project Timeline:

Southeast Island School District will construct a road to the drill site. Lay pipe to the water storage Rental equipment \$5,000. Materials \$2000.00 Well Driller \$20,000 Water Treatment and Structure \$20,000.00. Two additional 3000 gallon water tanks \$6,000.00  
July-August 2019

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

Southeast Island School District

## Grant Recipient Contact Information:

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# Project Title: Southeast Island School District - Replace Wood-fired Boiler Building and Community Garden Kasaan

**TPS Number:** 65287

**Priority:** 4

**Agency:** Commerce, Community and Economic Development  
Grants to Named Recipient (AS 37.05.316)

**Federal Tax ID:** 920057120

**Grant Recipient:** Southeast Island School District

**FY2020 State Funding Request:** \$60,000

One-Time Need

## Brief Project Description:

Add square footage to structure and chicken pen destroyed by fire and rebuild community garden destroyed by heavy equipment.

## Funding Plan:

Total Project Cost:	\$220,000
Funding Already Secured:	(\$160,000)
FY2020 State Funding Request:	(\$60,000)
Project Deficit:	\$0

## Explanation of Other Funds:

Wood-fired boiler, structure, contents, chicken coop and community garden were destroyed during fire in February 2019. Insurance will cover much of the replacement cost of the structure.

## Detailed Project Description and Justification:

A fire in February 2019 destroyed the structure, contents and heavy equipment damaged the community garden. The building housed a wood-fired boiler, student wood shop, archery equipment and pottery equipment. Insurance, less a \$5,000.00 deductible will cover much of the loss. The school itself has no room for any of these activities. Insurance will not cover damage to the garden or chickens.

The building needs to be further from the school and was too small for these other activities. We wish to enlarge the floor plan to allow for these other activities. Insurance of course will not allow for additional square footage. The movement of the building will require moving what remains of the community garden.

Additional 1000 square feet on concrete pad, enclosed, heated and with electrical requirements.

Electrical	\$10,000.00
Concrete slab	\$06,000.00
Construction Materials	\$20,000.00
Labor	\$20,000.00
materials garden, labor	\$04,000.00

## Project Timeline:

Construction is to begin in the summer of 2019. The addition square footage will be incorporated into the plans as soon as funding is secured.

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

Southeast Island School District

## Grant Recipient Contact Information:

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**This project has been through a public review process at the local level and it is a community priority.**

# Project Title: Southeast Island School District - Community and School Incinerator

**TPS Number:** 65336

**Priority:** 5

**Agency:** Commerce, Community and Economic Development  
Grants to Named Recipient (AS 37.05.316)

**Federal Tax ID:** 920057120

**Grant Recipient:** Southeast Island School District

**FY2020 State Funding Request:** \$12,000

One-Time Need

## Brief Project Description:

A diesel operated incinerator to burn waste. Housed at the school and available for community use.

## Funding Plan:

Total Project Cost:	\$12,000
Funding Already Secured:	(\$0)
FY2020 State Funding Request:	<u>(\$12,000)</u>
Project Deficit:	\$0

## Explanation of Other Funds:

School and community burn waste on the beach or in old oil drums.

## Detailed Project Description and Justification:

The school and community burn their waste. This is generally below the high tide line on the beach. The school uses an old oil drum. Ash and whatever is left over tends to collect at near where it was burned. Many items do not burn well in this manner. Books and magazines tend to be soaked and lost at sea. The school district will install a diesel incinerator that will be available to the community. We believe it will help to clean up our beaches and be an asset to the community.

## Project Timeline:

The incinerator would be installed during the summer of 2019.

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

Southeast Island School District

## Grant Recipient Contact Information:

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This project has been through a public review process at the local level and it is a community priority.

# Project Title: Southeast Island School District - Upgrades to Howard Valentine School Greenhouse Coffman Cove

TPS Number: 65294

Priority: 6

Agency: Commerce, Community and Economic Development  
Grants to Named Recipient (AS 37.05.316)

Federal Tax ID: 920057120

Grant Recipient: Southeast Island School District

FY2020 State Funding Request: \$40,000

Future Funding May Be Requested

## Brief Project Description:

upgrades to heating system and inclusion of fruit trees.

## Funding Plan:

Total Project Cost:	\$50,000
Funding Already Secured:	(\$10,000)
FY2020 State Funding Request:	(\$40,000)
Project Deficit:	\$0

## Explanation of Other Funds:

Southeast Island School District has about \$400,000.00 of general fund dollars into the 70 by 90 greenhouse. Alaska Energy Authority has invested \$100,000.00 in a wood-fired boiler. The Rasmussen Foundation has invested \$25,000.00 into lighting. the building has been operational for about five years.

## Detailed Project Description and Justification:

The greenhouse has not been effective without additional heating. An aquaponic system heated the water. It is not enough to keep the temperature up during the winter cutting the growing season in half. The wood-fired boiler has the capacity to heat the structure all year with the installation of heat exchangers. The greenhouse is large enough to supply produce needs at all schools on the road system with excess capacity. We would like to try citrus fruit. This requires adjustments to the interior of the structure.

Six heaters	\$05000.00
Plumbing for the heaters	\$15,000.00
Fruit trees and site modifications	\$5,000.00
Additional lighting and electrical	\$15,000.00
labor supplied by SISD	\$10,000.00

## Project Timeline:

Installation will occur during the summer of 2019

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

Southeast Island School District

## Grant Recipient Contact Information:

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# Project Title: Southeast Island School District - New Teacher Housing Unit Hollis

**TPS Number:** 65289

**Priority:** 7

**Agency:** Commerce, Community and Economic Development  
Grants to Named Recipient (AS 37.05.316)

**Federal Tax ID:** 920057120

**Grant Recipient:** Southeast Island School District

**FY2020 State Funding Request:** \$145,000

One-Time Need

## Brief Project Description:

Existing teacher housing unit is beyond repair and is no longer safe or healthy. We can construct a new unit in house at half of the cost of contracting it out.

## Funding Plan:

Total Project Cost:	\$225,000
Funding Already Secured:	(\$80,000)
FY2020 State Funding Request:	(\$145,000)
Project Deficit:	\$0

## Explanation of Other Funds:

Existing housing was brought in during the logging camp days many many years ago. We think it was brought in by float and may have come from a different logging camp. It was placed on blocks of wood on very unstable soil in a deeply waterlogged area with standing water under the house.

## Detailed Project Description and Justification:

The current duplex is beyond redemption. The placement site many decades past has very poor drainage and makes for an unhealthy environment. The school is very high on the list this year for a new school and moving the housing unit will allow more flexibility with these new plans. We have prepared a site with better drainage and away from the new school footprint. That site prep would be valued at \$40,000.00. SISD will provide \$40,000.00 in labor for the new housing unit. By building the unit in house the cost is reduced from using a contractor and reduces costs dramatically from requirements if we used the Alaska Housing Authority. SISD successfully build a housing unit in Whale Pass through CAPSIS several years ago and has established a reputation for quality work and attention to detail.

## Project Timeline:

Construction would occur during the summer of 2020. We will use the existing design and floor plan of a similar housing unit SISD constructed in Whale Pass under the same funding mechanism.

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

Southeast Island School District

## Grant Recipient Contact Information:

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This project has been through a public review process at the local level and it is a community priority.



# Project Title: Southeast Island School District - Asbestos Removal and New Heating System Library Kasaan

**TPS Number:** 65338

**Priority:** 8

**Agency:** Commerce, Community and Economic Development  
Grants to Named Recipient (AS 37.05.316)

**Federal Tax ID:** 920057120

**Grant Recipient:** Southeast Island School District

**FY2020 State Funding Request:** \$100,000

One-Time Need

## Brief Project Description:

The School District owns the land and building. The community operates the library within it. The heating system is failing and replacement requires removing asbestos. The roof is failing and replacement also creates issues with asbestos.

## Funding Plan:

Total Project Cost:	\$120,000
Funding Already Secured:	(\$20,000)
FY2020 State Funding Request:	(\$100,000)
Project Deficit:	\$0

## Explanation of Other Funds:

The school district retains responsibility for the building and the community has responsibility to operate the library. Students have classes there daily. The building is quite old. A wooden shingle roof is failing and the heater is inadequate and ancient.

## Detailed Project Description and Justification:

The roof is near complete failure. The interior ceiling has asbestos and will release asbestos when the roof is disturbed. The heating system room has asbestos and the heater must be replaced. None of these critical issues can be addressed without dealing with the asbestos. The school district is spending \$20,000.00 on the roof and heating source. \$100,000.00 is needed to hire a contractor to remove the asbestos. The building operates as a library for the community. Students hold classes there and are in the building much of the day. Repairs are long overdue.

## Project Timeline:

The heater and roof would be replaced as soon as the asbestos has been removed by a contractor. Asbestos removal summer 2019. Roof and heater replaced September 2019.

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

Southeast Island School District

## Grant Recipient Contact Information:

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This project has been through a public review process at the local level and it is a community priority.

# Project Title: Southeast Island School District - Install Aquaponic Greenhouse in Moving Container Hyder

TPS Number: 65290

Priority: 9

Agency: Commerce, Community and Economic Development  
Grants to Named Recipient (AS 37.05.316)

Federal Tax ID: 920057120

Grant Recipient: Southeast Island School District

FY2020 State Funding Request: \$40,000

Future Funding May Be Requested

## Brief Project Description:

Huge winter snows make a conventional greenhouse unrealistic. A 40 foot shipping container with roof can sustain winter snows allowing for year round production.

## Funding Plan:

Total Project Cost:	\$50,000
Funding Already Secured:	(\$10,000)
FY2020 State Funding Request:	(\$40,000)
Project Deficit:	\$0

## Explanation of Other Funds:

Due to harsh winter conditions no prior efforts to construct a greenhouse.

## Detailed Project Description and Justification:

The educational and health benefits of raising produce in our isolated rural communities is well documented. Several communities have used shipping containers for gardening. Especially attractive are older refrigerator units with faulty equipment as they are already insulated and very suitable to aquaponic gardening. SISD has greenhouses in six of our schools. We have only tried a shipping container at one site for growing mushrooms. Success at other schools with aquaponic gardening in a shipping container is encouraging for sites where no other means would work. Hyder is on the road system making delivery a reasonable expense.

Our strength has been getting the greenhouses up and working with wood-fired boiler heat. The Hyder school does not and will not get such a unit. Their strength is very low electrical rates of of the Canadian electrical grid. This makes it possible to managed a closed system with economical heating and lighting costs that could never be done with an open air greenhouse.

The primary cost will be an electrical contractor. We will use our highly qualified in house staff to install the aquaponic system, ventilation, and humidity controls.

Equipment, heaters, ventilation, humidity controls	\$25,000.00
Electrician	\$10,000.00
Shipping Container	\$05,000.00

## Project Timeline:

Installation would be started in the summer of 2019

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

Southeast Island School District

## Grant Recipient Contact Information:

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**This project has been through a public review process at the local level and it is a community priority.**

# Project Title: Southeast Island School District - Greenhouse and Replacement Generator Port Alexander School

**TPS Number:** 65293

**Priority:** 10

**Agency:** Commerce, Community and Economic Development  
Grants to Named Recipient (AS 37.05.316)

**Federal Tax ID:** 920057120

**Grant Recipient:** Southeast Island School District

**FY2020 State Funding Request:** \$50,000

One-Time Need

## Brief Project Description:

School Generator overdue for replacement. Replacement can be purchased with ability to use the generator heat to heat a greenhouse.

## Funding Plan:

Total Project Cost:	\$60,000
Funding Already Secured:	(\$10,000)
FY2020 State Funding Request:	(\$50,000)
Project Deficit:	\$0

## Explanation of Other Funds:

The school generator has outlived expected life. School greenhouse would be a new addition.

## Detailed Project Description and Justification:

Port Alexander is a remote isolated site. The school generator is essential to operation as it is the only source for electricity and the heating system. The school and community have advocated for a greenhouse similar to those operated elsewhere in the district. All food comes by boat once a week from Sitka. Obviously fresh produce is not realistic. SISD has not been forthcoming with an effort to install a greenhouse due to the inability to heat it in any way. There will never be wood-fired boiler due to wood availability and the damage from salt that wood collected on beaches would cause to the boiler. The only option is tapping into the excess heat from the school generator. This is only possible when buying a generator with the capacity to transfer that heat.

Our need for a new generator now makes that realistic.

New generator delivery and installation	\$20,000.00
Greenhouse materials and electrical	\$20,000.00
Aquaponic system greenhouse heater	\$10,000.00
Labor provided by SISD	

## Project Timeline:

Installation completed summer 2020

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

Southeast Island School District

## Grant Recipient Contact Information:

**Name:** Lauren Burch  
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# Project Title: Southeast Island School District - Rebuild Chicken and Rabbit Structures Naukati

**TPS Number:** 65296

**Priority:** 11

**Agency:** Commerce, Community and Economic Development  
Grants to Named Recipient (AS 37.05.316)

**Federal Tax ID:** 920057120

**Grant Recipient:** Southeast Island School District

**FY2020 State Funding Request:** \$7,000

One-Time Need

## Brief Project Description:

Rebuild structures with state of the art design as a model for our other schools. Existing structures not suitable for housing creatures.

## Funding Plan:

Total Project Cost:	\$10,000
Funding Already Secured:	(\$3,000)
FY2020 State Funding Request:	(\$7,000)
Project Deficit:	\$0

## Explanation of Other Funds:

SISD supported the Naukati School with material and labor costs for their existing animal shelter. The site was responsible for design about five years ago.

## Detailed Project Description and Justification:

While the district used general funds to support the construction of these animal shelters and pens, the site was responsible for design. We have since determined that it was inappropriate for animal health and the animals were transferred to other sites this winter. Animal husbandry is a valuable learning experience for student and many will go on to have them in their own lives. We have a responsibility to promote and model appropriate care and maintenance of animals if we are going to have these projects on campus.

Research suggests many fine models for appropriate housing and care. We wish to create a model for other schools and homeowners for best practice in care and housing.

Materials	\$7,000.00
Labor provided by SISD	\$3000.00

## Project Timeline:

Construction will be completed during the summer of 2019

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

Southeast Island School District

## Grant Recipient Contact Information:

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# Project Title: Southeast Island School District - Mini Homes for Teachers in Port Alexander

**TPS Number:** 65337

**Priority:** 12

**Agency:** Commerce, Community and Economic Development  
Grants to Named Recipient (AS 37.05.316)

**Federal Tax ID:** 920057120

**Grant Recipient:** Southeast Island School District

**FY2020 State Funding Request:** \$120,000

One-Time Need

## Brief Project Description:

School Students would build four mini-homes on a community lot to house teachers and staff.

## Funding Plan:

Total Project Cost:	\$170,000
Funding Already Secured:	(\$50,000)
FY2020 State Funding Request:	(\$120,000)
Project Deficit:	\$0

## Explanation of Other Funds:

The community of Port Alexander would provide one building site for the construction of teacher housing.

## Detailed Project Description and Justification:

The school students would work with professionals to design and construct four mini-homes for teachers and staff members. The community would provide a city lot for construction. A contractor would install a sewer system for the complex. The school would provide electricity and batteries would cover needs at night.

Housing in the community is a persistent problem. For several years, teachers had to live in the school and in some years in substandard housing. Costs of building in a remote fly in site are overwhelming for the school district. Mini-homes are a manageable project for students. They can be built one at a time and over a period of time. This fits into school life better than trying to do a 2000 square foot home in a short period of time.

Value of the city lot	\$30,000
Value of electrical source	\$20,000

## Project Timeline:

Sewer installation would occur during the summer of 2019. Construction would begin during the winter of 2020 and continue through 2021.

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

Southeast Island School District

## Grant Recipient Contact Information:

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# Project Title: Southeast Island School District - Emergency Shelter Port Alexander

TPS Number: 65286

Priority: 13

Agency: Commerce, Community and Economic Development  
Grants to Named Recipient (AS 37.05.316)

Federal Tax ID: 920057120

Grant Recipient: Southeast Island School District

FY2020 State Funding Request: \$80,000

One-Time Need

## Brief Project Description:

Construction of a shelter from the elements during tsunami alerts.

## Funding Plan:

Total Project Cost:	\$80,000
Funding Already Secured:	(\$0)
FY2020 State Funding Request:	(\$80,000)
Project Deficit:	\$0

## Explanation of Other Funds:

No funding history.

## Detailed Project Description and Justification:

When there is a tsunami alert, the community goes uphill to an area that is considered safe. There is no shelter of any kind. Often they have to remain for hours and it seems like it always miserable and in the middle of the night. Southeast Island School District has built two of these three sided structures with the Forest Service. Plans already exist and the school district would work with the community to construct a building to provide shelter for the community and our students.

Our concern is that when conditions are harsh that community members and our students will remain in their homes rather than seeking higher ground. The structure would include a wood stove and a supply of firewood. The community is on the southern tip of an island and has a higher risk of tsunami damage than probably any other community in southeast Alaska. Standing in the open is a health and safety concern.

## Project Timeline:

Port Alexander is quite remote. Construction would be dependent upon material delivery. We would strive for construction in September of 2019 but material issues might require construction during the summer of 2020.

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

Community of Port Alexander

## Grant Recipient Contact Information:

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This project has been through a public review process at the local level and it is a community priority.