

Alaska Department of Education & Early Development



Application for Funding Capital Improvement Project by Grant or State Aid for Debt Retirement

FY2017

PREPARING AND SUBMITTING THIS APPLICATION

For each funding request, submit **one original** and **three complete copies of this application** and **two copies of each attachment**, it is helpful for one attachment copy to be provided in a portable document file (pdf) format. The grant application deadline is September 1st.

When answering application questions, provide verifiable supporting documentation. Answers that cannot be verified will be considered unsubstantiated and may result in the department finding the application ineligible due to incompleteness.

The department will only score ten project applications from each district during a single rating period. In addition, a district can submit a letter to request reuse of an application's score for one year after the application was filed.

For instructions on completing this application, please refer to the department's Capital Project Information and References website at:

<http://education.alaska.gov/facilities/FacilitiesCIP.html>

PROJECT INFORMATION

School District: Sitka School District

Community: Sitka

School Name: Blatchley Middle School

Project Name: Blatchley Covered PE Structure

CERTIFICATION

I hereby certify that this information is true and correct to the best of my knowledge, and that the application has been prepared under the direction of the district school board and is submitted in accordance with law.

Mary M. Regan
Superintendent or Chief School Administrator

4/20/15
Date

Alaska Department of Education & Early Development

1. CATEGORY OF FUNDING AND PROJECT TYPE

1a. Type of funding requested. Choose only **one** funding source.

Grant Funding

Aid for Debt Retirement (Bonding)

1b. Primary purpose of project. Choose only **one** category. The department will change a project category as necessary to reflect the primary purpose of the project.¹

Grant Funding Categories per AS 14.11.013(a)(1)	Debt Funding Categories per AS 14.11.100(j)(4)
School Construction: <input checked="" type="checkbox"/> Health and life-safety (Category A) <input type="checkbox"/> Unhoused students (Category B) <input type="checkbox"/> Improve instructional program (Category F)	<input type="checkbox"/> Unhoused students <input type="checkbox"/> Health and safety or building code deficiencies <input type="checkbox"/> Achieve operating cost savings <input type="checkbox"/> Improve instructional program
Major Maintenance: <input type="checkbox"/> Protection of structure (Category C) <input type="checkbox"/> Building code deficiencies (Category D) <input type="checkbox"/> Achieve operating cost savings (Category E)	

1c. Phases of project to be covered by this funding request. Indicate **all** applicable phases:

Planning (Phase I) Design (Phase II) Construction (Phase III)

2. ELIGIBILITY REQUIREMENTS TO SUBMIT AN APPLICATION

Questions 2a-2e require a “yes” response, with substantiating documentation as necessary, in order to be eligible for review and rating.

2a. Has a six-year Capital Improvement Plan (CIP) been approved by the district school board? yes no

(Refer to AS 14.11.011(b), and 4 AAC 31.011(c); attach a copy of the 6-year plan.)

¹ The department’s authority to assign a project to its correct category is established in AS 14.11.013(c)(1) and in AS 14.11.013(a)(1) under its obligation to verify a project meets the criteria established by the Bond Reimbursement & Grant Review Committee under AS 14.11.014(b).

Alaska Department of Education & Early Development

- 2b.** Does the school district have a functional fixed asset inventory system? yes no
- 2c.** Is evidence of required insurance attached to this application or has evidence been submitted as required to the department? yes no
- 2d.** Is the project a capital improvement project and not part of a preventive maintenance program or custodial care? yes no
 (Supporting evidence must be outlined in the project description, question 3d.Reference AS 14.11.011(b)(3))
- 2e.** Is the district’s preventive maintenance program certified by the department? yes no
- 2f.** Districtwide replacement cost insurance for the last five years will be gathered by the department from annual insurance certification and schedule of values.

3. PROJECT INFORMATION

3a. Priority assigned by the district. (Up to 30 points)
 What is the rank of this project under the district’s six-year Capital Improvement Plan? Rank: _____ **1**

3b. School facilities within scope (Up to 30 points)
 What buildings or building portion (i.e., original building or addition) will be included in the scope of work of the project?
(The department will utilize GSF records to establish project points (up to 30) in the “Weighted Average Age of Facilities” scoring element. For facility number, name, year, and size information on record, refer to the DEED Facilities Database at <http://www.eed.state.ak.us/Facilities/SchoolFacilityReport/SearchforSchoolFac.cfm>.)

Facility #	Building or Building Portion	Year	GSF
42002001	Blatchlev Middle School	1968	96,909
TOTAL GSF			96,909

3c. Facility status. Does this project change the status of any facility within the project scope to one of the below? The existing building(s) will be (check all that apply):

renovated added to demolished surplusd other

NOTE: If the project changes the current status of a facility to “demolished” or “surplusd,” a transition plan is required as part of this application. A transition plan

Alaska Department of Education & Early Development

should describe how surplused state-owned or state-leased facilities will be secured and maintained during transition. See instructions.

3d. Project description/Scope of work. The project description/scope of work narrative is a required element of this application (Reference AS 14.11.013(c)(3)(A)). Ensure project aligns with selected funding category.

Project description

Blatchley Middle School was originally built in 1968, and in 1988 and 1993 had additions related mostly to its gym and pool space. Blatchley has also had recent ventilation and heating upgrades that included a fresh coat of paint on the inside and outside of the building. Blatchley Middle School is the location of the City's indoor parks and recreation activities, where community-based organizations hold afterschool and evening meetings, and is the location of the only pool in town. In addition to students and community members, the pool is used by the Alaska State Trooper Academy and the US Coast Guard for specific training exercises, and people access the pool at all times of the school day. Blatchley is the school most accessed by the whole of the community, and it is in need of an additional covered outdoor recreation space to keep students safe.

The Blatchley Covered PE Structure will provide the necessary space for students to participate in outside recess in a safe and economical manner. The community of Sitka has had a long-time focus on helping residents' lead active lives and supporting students in co-curricular athletics and activities. As one of many examples, the 2011 annual Sitka Health Summit selected to increase youth's access to safe community playgrounds. One location for a community playground was targeted for young children (pre-school and early elementary aged children), and another target was to increase the recess options at Blatchley Middle School.

Currently, Blatchley students have the option of staying indoors during their lunchtime recess and visiting with friends, playing inside the gym, or playing basketball in the outside covered basketball court. Blatchley students have gym daily, and many desire the lunchtime recess as the singular opportunity to get outside during the school day. Unfortunately, the outdoor covered basketball court is not large enough to accommodate all students even on a rotating lunch basis. Consequently, students cross a high-traffic parking lot to access an adjacent city-owned ball field when the weather permits, or they try to play in the dead-end part of the parking lot. This project is not Preventative Maintenance because it is a new structure.

Figure 1 shows the main entrance to Blatchley Middle School and the Choose Respect mural, which was another Sitka Health Summit project, and the covered basketball court accessed near the main entrance. Figure 2 shows the Pool entrance on the backside of Blatchley, and the parking lot students must navigate to access the adjacent city ball field during lunch recess. Figure 3 shows a close-up of the area where the Blatchley Covered PE Structure will be situated, which is at the dead-end of the parking lot people use to access the Blatchley pool door. Currently, this space is used for parking and to access the pool mechanical room.



Figure 1: Blatchley Middle School Main Entrance and Outdoor Covered Basketball Court



Figure 2: Pool Entrance to Blatchley and View from Pool Entrance Across Parking Lot to City Ball Field

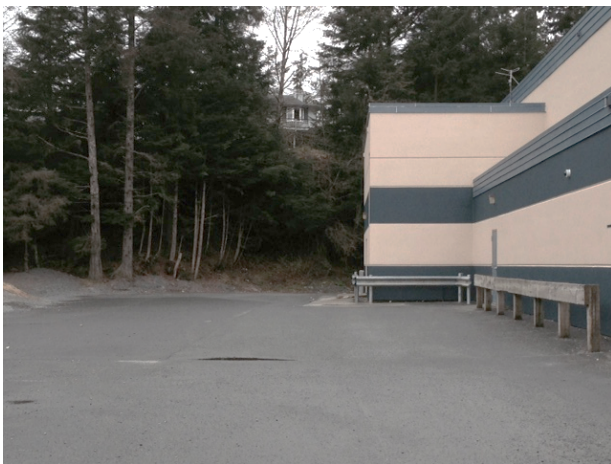


Figure 3: Site Location of Blatchley Covered PE Structure

Alaska Department of Education & Early Development

Sitka is located in a rain forest, which makes the city ball field an inhospitable location for lunchtime recess at times. Figure 4 shows students on the weekend playing ball in the Blatchley parking lot near the pool door due to the soggy conditions on the adjacent and available city field.



Figure 4: Weekend Game of Ball Played in Parking Lot Instead of City Ball Field

The existing available lunchtime recess areas for Blatchley students are insufficient to meet the safe need for students, especially middle school students, to be active and outside during their lunchtime recess. The student's familiarity in playing in the parking lot is demonstrated in Figure 4, where even with an open and available ball field just a few feet away from them, students are used to playing in a parking lot, which is not a safe space to play. The difference between the weekend when no users are at the Pool and a typical school day is that during the school day cars are constantly moving in the parking lot, which is how the community accesses the town's only pool.

Blatchley is surrounded on three sides by parking lots and on the remaining side is the busiest road in Sitka. Blatchley's outdoor basketball court does offer limited access to a safe location for outdoor recreation; however, other than this addition, there is no place for Blatchley's 270 students to have outdoor recess in a safe location that does not involve walking across a high use parking lot used to access the community's only pool. Figure 5 shows the lack of a safe recreation area for students to access during school hours. Figure 6 shows Blatchley's outdoor basketball court that is inadequate in space to meet the safe recreation needs of 270 students. Figure 7 is another view of the parking lot in question and the location of the door used to access the pool.



Figure 5: Blatchley Middle School and Surrounding Area



Figure 6: Blatchley Middle School's Outdoor Basketball Court



Figure 7: Parking Lot Blatchley Students Must Cross to Reach City Ball Field

The Blatchley Covered PE Structure will be open and available to the community at any time other than when used by students during lunchtime recess. As mentioned previously, the community is used to accessing Blatchley for Community Schools and the Pool, and thus it makes it a perfect location for a covered space for youth and adults to play in a safe manner. The other covered PE structures in the district used virtually daily by youth and adult sports teams, individual community members, and even the Coast Guard has their annual picnic in our covered shelter at Keet Gooshi Heen Elementary School. An advantage to the Blatchley location is that there is more parking at Blatchley than there is at either of the other two covered PE structures in town.

The goal of the Blatchley Covered PE Structure is to provide students and the community a safe, dry place to be active and outdoors. The goal of the Blatchley Covered PE Structure aligns with the following Sitka School Board Guiding Principals, as numerous research supports the concept that physically active students perform better academically:

1. The Board's primary focus is student achievement and success.
5. There will be a consistent effort to eliminate barriers to learning for all students.

Additionally, the Blatchley Covered PE Structure supports the community of Sitka's 2011 Health Summit goal of providing a safe place for youth to play outside, and is part of the 2012 (current) Sitka Sustainable Outdoor Recreation Plan.

Alaska Department of Education & Early Development

The dead-end of the Pool parking lot, the location of the planned Blatchley Covered PE Structure, currently provides access to the pool mechanical room. Asphalt pavement in excellent condition wraps around Blatchley beyond the pool mechanical room and almost meets up with another parking lot behind Blatchley; there is a 40-foot section between the pavement end and the parking lot on the backside of Blatchley. The project includes connecting this 40-foot segment so the pool mechanical room could still be easily accessed as needed.

Recently, the City of Sitka built an open concept covered structure for youth to use as a skateboard park. The structure was designed to need minimal upkeep, and is approximately the same size as the area identified for the Blatchley Covered PE Structure, which means modifications to the existing plan would also be minimal. Figure 8 shows the City skateboard park.



Figure 8: City of Sitka Skateboard Park

As you can see, the structure uses skylights instead of needing to rely on electric lights during the daylight hours like, and the construction is metal beam with a metal roof, both of which will help to reduce on-going maintenance costs. The difference between the City Skateboard Park and the Blatchley Covered PE Structure is that the Blatchley structure will be enclosed with chain link fencing to ensure student safety in an area that can be easily monitored by staff. The City Skateboard Park was built in 2012 at a cost of \$298,000, and has quickly become a model used for other skateboard parks in Anchorage. An estimate to build this structure today with the necessary modifications to the design to fit the Blatchley space and to include the chain link fencing is \$320,000 plus the access road for \$40,000, which makes the Blatchley Covered PE Structure cost a total of \$360,000. This would be a 50/50 split with the State of Alaska once the freeze has been lifted on CIP projects, 25% or \$90,000 from the school district reserves, and the remaining to be fund-raised from the City of Sitka and/or other local donations (e.g., Sitka Health Summit).

Figure 9 shows how the Blatchley Covered PE Structure would be situated on site. The ground is currently covered in smooth asphalt, which would not need to be changed. The double doors as noted on the design access the pool's mechanical room, which would still be accessed by the 40-feet of road included in this project that would connect the existing asphalt in the dead end area to the existing back parking lot.

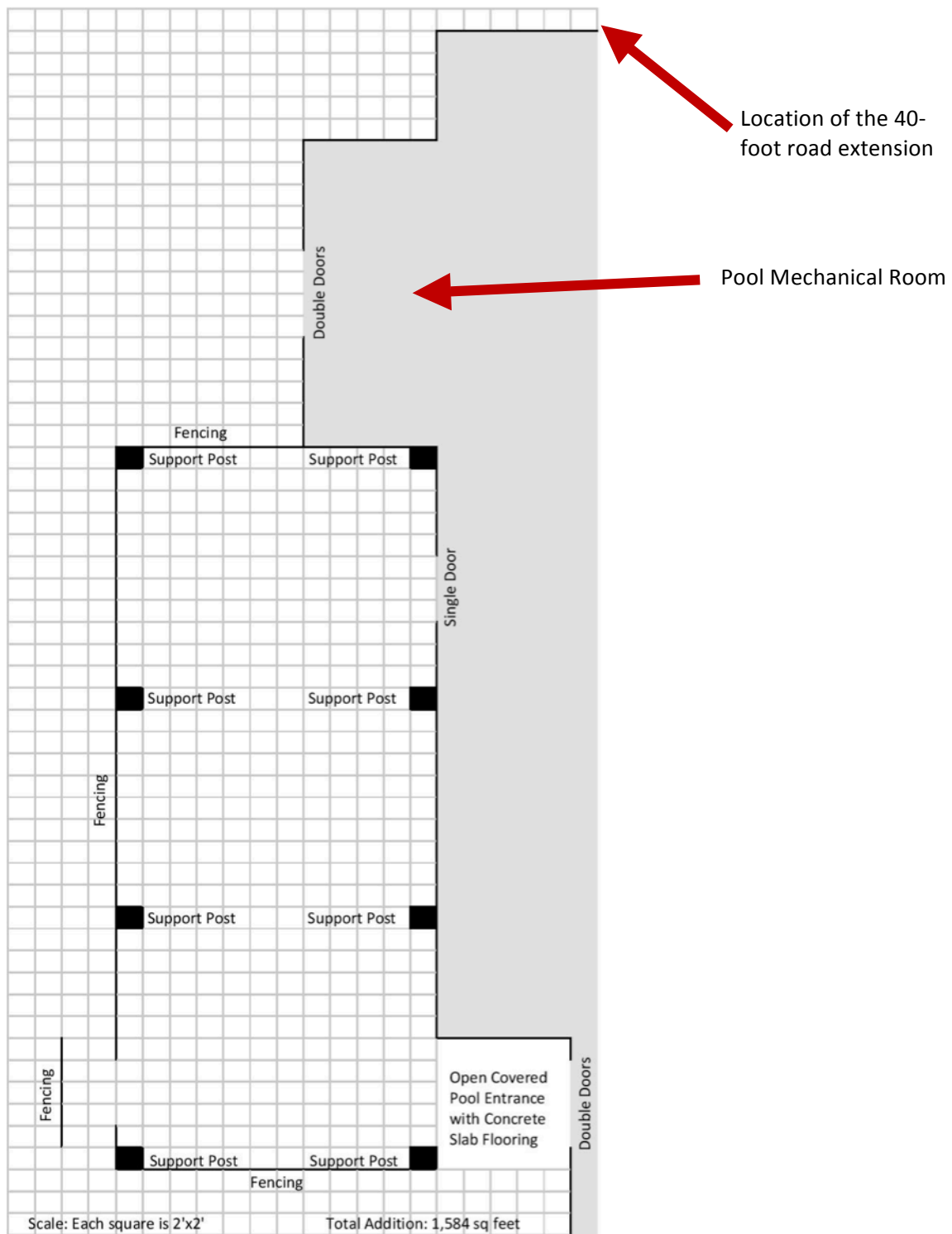


Figure 9: Drawing Showing Proposed Project

Scope of work

This project will build an open structure that is fenced in for student safety. There will be an always-open section of the fencing that provides safe student passage from the pool door to the adjacent city ball field. This always-open section of fencing combined with the open access around the pool door area would ensure community access to this space during non-school hours, meaning there would be no way to lock off access to this area. In addition to the structure, a 40-foot section would need to be cleared and a road built behind Blatchley so vehicles could have unobstructed access to the pool mechanical room.

The City of Sitka has recently built a similar structure, and City staff could make the necessary modifications to the Sitka skateboard park plans so it could be modified for the proposed project. The land associated with this project has recently been asphalted, so nothing would need to be done to prep the building site, although preparation would be needed for the 40-foot road extension. Again, City of Sitka staff is capable and available to do the necessary design work.

In addition to the size, use, and recommended site requirements previously addressed, the utility requirements will be limited to necessary lightening. The structure will not be built to house technology; however, the schools free Wi-Fi signal does extend to the space that will be occupied by the proposed project. Other than a few benches here and there, there will be no other equipment in the project space, which will allow for maximum flexibility in the use of the space.

The project schedule is as follows:

- June 2015: Sitka School District allocates $\frac{1}{4}$ of the necessary funds
- July 2015: Community fundraising goal starts to raise $\frac{1}{4}$ of the necessary funds
- 2nd Session of the 29th Alaska Legislature Session: CIP project selected for funding for $\frac{1}{2}$ of necessary funds
- July 2016: Existing skateboard park design is modified to meet site specifications
- 35% and 90%: Design plans are shared with City Assembly at these two points
- July 2016: Community fundraising goal is met
- December 2016: 100% of design work is completed
- January 2017: Project goes out to bid
- March 2017: Winning bid is selected
- June 2017: Construction begins
- August 2017: Construction ends and structure is ready for the 2017-18 school year

Cost estimate discussion

The construction cost estimate was based on actual costs of a similar structure built recently. Initial conversations with City staff indicate wiliness on their part to contribute in-kind their design that will be updated to meet the unique needs of the current project being proposed. The

3e. Is the work identified in this project request partially or fully complete? yes no

If the answer is yes, attach 2 copies of documentation that establishes compliance with the department's requirements for bids and awards of construction contracts. (Reference 4 AAC 31.080)

Alaska Department of Education & Early Development

3f. Will this project require acquisition of additional land or utilization of a new school site? yes no

If the answer is yes, attach site description or site requirements. If a new site has been identified, attach the site selection analysis used to select the new site. Note the attachment on the last page of the application.

4. CODE DEFICIENCY / PROTECTION OF STRUCTURE / LIFE SAFETY

4a. Code deficiency / Protection of structure / Life safety (Up to 50 points)

Describe in detail the issue, impact, and severity of code deficiency, protection of structure, and/or life safety conditions; attach supporting documentation.

The existing unsafe conditions for middle school students to have outdoor recess is becoming an untenable situation for the community of Sitka, as students find that playing in the parking lot itself is the only option when the adjacent ball field is too muddy in which to play. The community and school district are partnering to remedy this situation for our students.

5. REQUIREMENTS FOR SPACE TO BE ADDED OR REPLACED

NOTE: If this project is classified as Major Maintenance (Category C, D, or E) and is not including any new space, skip to 5i. **All applications requesting new or replacement space must provide the information requested in this section.** For the purposes of this section, gross square footage is calculated in accordance with 4 AAC 31.020(e). Worksheets to be completed are available at the department’s website at: <http://education.alaska.gov/facilities/FacilitiesCIP.html>

5a. Indicate the student grade levels to be housed in the proposed project facility: 6-8

5b. Is there any work (other than this project) within the attendance area that has been approved by local voters, or has been funded, or is in progress that houses any student grade levels included in the proposed project? yes no
(If the answer is yes, provide information below about size, student capacity, and grades to be served in the table below.)

Project Name	GSF	Grades	Capacity

5c. Are there school facilities within the attendance area that house any yes no

Alaska Department of Education & Early Development

student grade levels included in the proposed project?

(If the answer is yes, provide information below about size, student capacity, and grades served in the table below.)

School Name	GSF	Grades	Capacity
Blatchley Middle School	96,909	6-8	350

In lieu of data in the format above for questions 5b and 5c, yes no we are providing detailed attachments.

5d. What is the anticipated date of occupancy for the proposed facility? August 2017

5e. Unhoused students (Up to 80 points)

In the table below, provide the attendance area's current and projected ADM:

Table 5.1 ATTENDANCE AREA ADM			
School Year	K-6 ADM	7-12 ADM	Total ADM
2013-2014			1,338.19
2014-2015			1,314.52
2015-2016			1,320.04
2016-2017			1,325.60
2017-2018			1,331.10
2018-2019			1,336.60
2019-2020			1,342.20
2020-2021			1,347.70
2021-2022			1,353.20
2022-2023			1,358.70

5f. Were the ADM projections used by the district based on the department's worksheets? yes no

Attach calculations and justifications.

The Sitka Pulp Mill closed in 2008 and there was a corresponding significant drop in ADM. Since that time the ADM for the Sitka School District has been experiencing an average growth rate of 0.42% a year, which equates to 5.5 additional students a year.

5g. Confirm space eligibility: Qualifies for X additional SF
Applying for X additional SF

Alaska Department of Education & Early Development

5h. Regional community facilities (Up to 5 points)

List below any alternative regional, community, and school facilities in the area that are capable of housing students. Identify the facility by name, its condition, and provide the distance from current school. If attached documentation is intended to address this question, note the attachment on the last page of the application.

Note: Students will not be displaced at any time during the project.

5i. Project space utilization (Up to 30 points)

Completion of this table is **mandatory for all projects that add space or change existing space utilization**. If the project does not alter the configuration of the existing space, it is not necessary to complete this table. Use gross square feet for space entries in this table.

Table 5.2 PROJECT SPACE EQUATION						
	A	I	II	III	IV	B
Space Utilization	Existing Space	Space to remain "as is"	Space to be Renovated	Space to be Demolished	New Space	Total Space upon Completion
Elem. Instructional/Resource						
Sec. Instructional/Resource						
Support Teaching						
General Support	96,909	96,909	0	0	1,584	98,493
Supplementary						
Total School Space						

6. PROJECT PLANNING & DESIGN

NOTE: Reference Appendix B of the instructions for required elements.

6a. Condition/Component survey (0 to 10 points)

1. Is a facility or component condition survey attached? yes no

Alaska Department of Education & Early Development

6b. Planning/Concept design (0 or 10 points, all elements required for 10 points)

1. Has an architectural or engineering consultant been selected (as required)? yes no
2. Are concept design studies/planning cost estimates attached? yes no
3. New construction projects: are educational specifications, site selection analysis, and student population projections attached (as required)? yes no

6c. Schematic design - 35% (0 or 10 points, all elements required for 10 points as applicable to the project)

1. Are complete schematic design documents attached? Schematic design documents include approximate dimensioned site plans, floor plans, elevations, and engineering narratives for all necessary disciplines. yes no
2. Is a schematic design level cost estimate attached? yes no

6d. Design development - 65% (0 or 5 points, all elements required for 5 points as applicable to the project)

1. Are design development documents attached? Design development documents include dimensioned site plans, floor plans, complete exterior elevations, draft technical specifications and engineering plans. yes no
2. Is a design development cost estimate attached? yes no

7. COST ESTIMATE

6e. Planning/Design team List parties who have contributed to the evaluation and/or design services thus far for this project. When applicable, a district employee with special expertise should be listed, along with the basis for his or her expertise.

Provider	Expertise
<u>Maegan Bosak</u>	<u>City Planning/Community Development Director</u>
<u>Leslie Young</u>	<u>Blatchley Cover PE Structure Parent Group Chair</u>
<u>Ted Laufenberg</u>	<u>Engineer Consultant</u>
<u>Mark Bautista</u>	<u>Sitka School District Maintenance Director</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

Alaska Department of Education & Early Development

7a. Cost estimate for total project cost (Up to 30 points) Complete the following tables using the Department of Education & Early Development’s 14th Edition Cost Model or an equivalent cost estimate. Completion of the tables is mandatory.

Percentages are based on construction cost. See Appendix C for additional information. If your project exceeds the recommended percentages, you must provide a detailed justification for each item exceeding the percentage. The total of all additive percentages should not exceed 130%. If the additive percentages exceed 130%, a detailed explanation must be provided or the department will adjust the percentages to meet the individual and overall percentage guidelines.

Table 7.1. TOTAL PROJECT COST ESTIMATE					
Project Budget Category	Maximum % without justification	I Prior AS 14.11 Funding	II Current Project Request	III % of Total Construction Cost	IV Project Total
CM - By Consultant ¹	2-4%		14,400	4%	14,400
Land ²			0	0%	0
Site Investigation ²			0	0%	0
Seismic Hazard ³			0	0%	0
Design Services	6-10%		18,000	5%	18,000
Construction ⁴			270,000	75%	270,000
Equipment & Technology ^{2,5}	up to 10%		18,000	5%	18,000
District Administrative Overhead ⁶	up to 9%		18,000	5%	18,000
Art ⁷	.5-1%		3,600	1%	3,600
Project Contingency	5%		18,000	5%	18,000
Project Total		\$0	\$360,000	100%	\$360,000

1. Percentage is established by AS 14.11.020(c) for consultant contracts (Maximum allowed percentage by total project cost: \$0-\$500,000 – 4%; \$500,001- \$5,000,000 – 3%; over \$5,000,000 – 2%).
2. Include only if necessary for completion of this project. Amounts included for Land and Site Investigation costs need to be supported in the Project Description (Question 3d), and supporting documentation should be provided in the attachments.
3. Costs associated with assessment, design, design review, and special construction inspection services associated with seismic hazard mitigation of a school facility. This amount needs to be provided by a design consultant, and should not be estimated based on project percentage.
4. Attach detailed construction cost estimate and life cycle cost if project is new-in-lieu-of-renovation.
5. Equipment and technology costs should be calculated based on the number of students to be served by the project. See the department’s publication, Guidelines for School Equipment Purchases for calculation methodology (2005). The department will accept a 5% per year inflation rate (from the base year of 2005) added to the amounts provided in the Guideline. Technology is included with Equipment.
6. Includes district/municipal/borough administrative costs necessary for the administration of this project; this budget line will also include any in-house construction management cost.
7. Only required for renovation and construction projects over \$250,000 that require an Educational Specification (AS 35.27.020(d)).

Alaska Department of Education & Early Development

Table 7.2 CONSTRUCTION COST ESTIMATE

Construction Category	New Construction			Renovation		
	Cost	GSF	Unit Cost	Cost	GSF	Unit Cost
Base Building Construction ¹	270,000	1,584	\$170.45			
Special Requirements		n/a			n/a	
Sitework and Utilities	40,000	n/a	40,000		n/a	
General Requirements	32,000	n/a	32,000		n/a	
Geographic Cost Factor		n/a			n/a	
Size/Dollar Adj. Factor		n/a			n/a	
Contingency	18,000	n/a	18,000		n/a	
Escalation		n/a			n/a	
Construction Total	\$360,000	1,584	\$227.27			

1. If using the Cost Model, Base Construction = Divisions (1.0+2.0) for new construction, and Division 11.00 for Renovation, otherwise, Base Construction = the total construction cost less the costs that correspond with other cost categories in the table.
2. Explain in detail and justify special requirements.

8. ADDITIONAL PROJECT FACTORS

Emergency conditions are those that pose a high level of threat for building use by occupants.

8a. Is this project an emergency? (Up to 50 points) yes no

Has the district submitted an insurance claim? yes no

If no, explain below.

If the project is an emergency, describe below in detail the nature, impact, and immediacy of the emergency and actions the district has taken to mitigate the emergency conditions.

Categorize the issues described and explained above by checking the boxes that apply to the building condition(s).

- Building is destroyed or rendered functionally unsafe for occupancy and requires the building to be demolished and rebuilt. (50 points)
- Building is unsafe and the entire student population is temporarily unhoused. The building requires substantial repairs to be made safe for the student population to occupy the building. (25-45 points)
- Building is occupied by the student population. A local or state official has issued an order that the building will need to be repaired by a certain date or the district will have to vacate the building. (5-25 points)
- A portion of the building requires significant repair or replacement of damaged portion of building. The damaged portion of the building cannot be used for educational purposes. (5-45 points)
- A major building component or system has completely failed and is no longer repairable. The failed system or component has rendered the facility unusable to the student population until replaced. (25-45 points)

A major building component or system has a high probability of completely failing in the near future. The component or system has failed, but has been repaired and has limited functionality. If the component fails, the district may be required to restrict use of the building until the component or system is repaired or replaced.
(5-25 points)



8b. Inadequacies of existing space (Up to 40 points)

Describe how the inadequacies of the existing space impact mandated instructional programs or existing or proposed local programs and how the project will improve the existing facilities to support the instructional programs.

As mentioned previously, there currently exists only 512 square feet of safe, covered outdoor recreation space at Blatchley Middle School, which equates to 1.9 square foot for each of the 270 6th-8th grade students. The less than 2 square feet per student is not sufficient for everyone to stand in the space let alone play basketball. Students can access an adjacent city ball field, but that requires them to cross a high-use, ill-planned parking lot that has drivers coming and going throughout the school day, which creates an unsafe situation for students. A covered PE structure at Blatchley is necessary to keep students physically safe as they participate in daily lunch recess time activities. An abundance of research shows a connection between activity and a student's ability to learn content, especially since middle school students are struggling with changes to their bodies during the middle school years. It is unconscionable to say that students cannot/should not be active during their lunchtime recess.

Both of Sitka's elementary schools have covered PE facilities for students, which are housed within a fenced in safe area. The covered PE structure at Baranof Elementary is 6,400 square feet for a school that currently houses 199 students, and the covered PE structure at Keet Gooshi Heen Elementary is 14,400 square feet for a school that currently houses 431 students. Although there is not enough physical space at the Blatchley campus to honor an equitable average of 33 square feet per student, a covered PE structure that is fenced and away from traffic will be used in addition to the existing covered outdoor basketball court, and the project provides for safe student access to the adjacent city ball fields. Together, the 3 outdoor recreation areas provide adequate space for students at Blatchley. Figure 10 shows the covered PE structure at Keet Gooshi Heen Elementary School, which includes space to play games including basketball; other playground equipment is left outside of the covered PE structure at both Baranof and Keet Gooshi Heen Elementary Schools.



Figure 10: Covered PE Structure at Keet Gooshi Heen Elementary School

8c. Other options (Up to 25 points)

Describe, in addition to the proposed project, at least two or more viable and realistic options that have been considered in the planning and development of this project to address the best solution for the facility.

Major maintenance projects should include consideration of project design options, material or component options, phasing, cost comparisons, or other considerations.

New school construction or addition/replacement of space projects should include a discussion of existing building renovation versus new construction, acquisition or use of alternative facilities, a life cycle cost analysis and cost benefit analysis, service area boundary changes where there are adjacent attendance areas, or other considerations.

As demonstrated in Figure 5, renovation is not an option for this project, as there is inadequate space to expand the existing covered outdoor basketball court from 512 square feet to square footage needed for the number of students at Blatchley. Additionally, expanding the existing basketball court would not fix the issue of safe access to the adjacent city ball field. There is no alternative facility that students can access within the time limitations of lunch recess. Sitka School District is a single site school district serving students who live in Sitka, Alaska. The next closest community is a boat or plane ride away. Students who attend the state-run boarding school also located in Sitka are not subject to boundary changes, as they accept students from around the state and are operated by the State of Alaska vs. being a City of Sitka enterprise, as is the Sitka School District. Sitka is surrounded by the Tongass National Forest, and the City and Borough of Sitka encompasses most of Baranof Island, which makes it one of the largest cities in the nation when considering land mass.

The new construction would consist of a roof and support poles, and then fencing to enclose the additional space with an open access point to the city ball field. With a metal roof and support posts, maintenance would be minimal on the project space. The open nature of the structure and the use of skylights could provide the necessary lighting, which would minimize the on-going costs associated with the new construction. Figure 11 shows the lighting needs of the Keet Gooshi Heen covered area built in 1988, which has enclosed wood walls and a shingle roof vs. the skylight and open metal construction of the city's new skateboard park. The Blatchley covered PE structure would be similar in design to the skateboard park only with the addition of chain link fencing to ensure student safety while using the facility.



Figure 11: Comparison of Older Construction of Keet Gooshi Heen Covered PE Structure vs. New Construction of City Skate Park, which will be a model for the Blatchley Covered PE Structure

Option 1: The Sitka School District and City of Sitka have discussed the possibility of upgrading the city ball field adjacent to Blatchley Middle School. The upgrade would make it comparable to another city ball field called Moller, which has an artificial turf surface and a field drainage system that keeps the field surface dry and playable even in the worst southeast Alaska rainforest weather. Moller Field is a baseball field being shared with both the high school boys' baseball and the girls' softball programs, which was recently the issue in a Title IX complaint. A second artificial turf field with a field drainage system that keeps the field surface dry and playable even in the worst southeast Alaska rainforest weather would be an important resource for the entire community, and would allow Blatchley students to use it on a more regular basis as a lunch recess option. A covered walkway from Blatchley to the upgraded ball field could make for a safe use of this city facility. The estimated cost of upgrading the ball field adjacent to Blatchley is \$6.5M, and it has been included in both the District's and the City's legislative priorities. Although initial discussions seemed hopeful due to a statewide desire to have ball fields similar to that of Moller; however, the recent grave nature of the state's budget crisis makes this option highly unlikely within the next decade.

Option 2: Another option would be to enclose the area with the fencing as noted in this project and not provide a covering. This would close off the parking dangers and give students a safe space for their recess activity; however, it would be used far less than a covered area given that Sitka is located in a rain forest. That being said, it would provide the safety aspect of this project.

8d. Annual operating cost savings (Up to 30 points)

Quantify the project's annual operational cost savings, if any, in relation to the project total cost.

There is no financial cost savings because this will be an additional structure; however, protecting student safety is a primary responsibility of the school district. The Blatchley Covered PE Structure has been designed to minimize on-going costs associated with maintaining the facility. In addition to the District's Operating Budget, the City of Sitka reimburses us for \$150,000 annually to cover major maintenance of the City-owned District-managed school buildings. Given the low cost design considerations, we have sufficient funds to cover the on-going operation of the new structure.

8e. Phased funding (Up to 30 points)

Provide AS 14.11 administered grants that have been appropriated by the legislature as partial funding in support of this project. This category is score-able only in instances where project funding was intentionally phased.

Applications seeking funds for cost overages, change in scope, or other actions not noted in the original application or legislative appropriation will not be considered eligible for these points.

EED grant #: _____

Alaska Department of Education & Early Development

8f. Is the district applying for a waiver of participating share? yes no

Only municipal districts with a full value per ADM less than \$200,000 are eligible to apply for a waiver of participating share. REAA's are not eligible to request a waiver of participating share.

(If the district is applying for a waiver, attach justification. Refer to AS 14.11.008(d) and Appendix F of the application instructions.)

9. DISTRICT PREVENTIVE MAINTENANCE & FACILITY MANAGEMENT

District preventive maintenance and facility management (55 points possible)

Ensure that documents related to the district's maintenance and facility management program have been provided with district CIP submittals. Include management reports, renewal and replacement schedules, work orders, energy reports, training schedules, custodial activities, and any other documentation that will enhance the requirements listed in the instructions.

Include the following documents:

- 9a. Maintenance Management Narrative (Up to 5 Evaluative Points)
- 9b. Maintenance Labor Reports (Up to 15 Formula-Driven Points)
- 9c. PM/Corrective Maintenance Reports (Up to 10 Formula-Driven Points)
- 9d. 5-Year Average Expenditure on Maintenance. Districtwide maintenance expenditures for the last 5 years will be gathered by the department from audited financial statements. (Up to 5 Formula-Driven Points)
- 9e. Energy Management Narrative (Up to 5 Evaluative Points)
- 9f. Custodial Narrative (Up to 5 Evaluative Points)
- 9g. Maintenance Training Narrative (Up to 5 Evaluative Points)
- 9h. Capital Planning Narrative (Up to 5 Evaluative Points)

ATTACHMENTS CHECKLIST

Note all attachments included with the application.

Project eligibility attachments: Eligibility item is required on all projects. Submit two copies, regardless of the number of project applications.

- Six-year Capital Improvement Plan (CIP) (question 2a)

District eligibility attachments: Submit two copies, regardless of the number of project applications.

- Preventive maintenance and facility management narratives (questions 9a, 9e-9h)
- Preventive maintenance reports (questions 9b, 9c)

Alaska Department of Education & Early Development

Project description attachments: List all attachments referred to or noted in the application. Some items may not be applicable to a specific project. Submit two copies of each attachment with application.

- Site description, site requirements, and/or site selection analysis (question 3g)
- Transition plan for state-owned or state-leased properties (question 3c)
- Facility condition survey (question 6a)
- Facility appraisal (question 6b)
- Educational specification (question 6b)
- Concept design documentation (question 6b)
- Schematic design documentation (question 6c)
- Design development documentation (question 6d)
- Cost estimate worksheets (question 7a)
- Budget variance justification (question 7a)
- Appropriate compliance reports (*i.e.*, *Fire Marshal, AHERA, ADA, etc.*) (questions 4a, 8a)
- Cost/benefit analysis (question 8d)
- Life cycle cost analysis (question 8d)
- Value analysis provided (question 8d)
- Capacity calculations of affected schools in the attendance area/areas (question 5e)
- Enrollment projections and calculations (question 5e)
- Justification for waiver of participating share (question 8f)
- For fully or partially completed projects: documentation establishing compliance with 4 AAC 31.080 (question 3f)
- Other: _____