

Phon Ngam Secondary School School Building

Facts

Name	Phon Ngam
Type of facility	School building
No. of students	589 (301 boys, 288 girls)
No. of teachers	28 (17 men, 11 women)

Number of classrooms	1 new school building with 5 fully furnished classrooms and 4 new toilets
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Budget

USD 51,498

Size of the building	280m ²
Construction period	June – December 2018
Project Manager	Mr. Somsak Kamdang
Location	Kra-ting Yai Village Atsaphon District Savannakhet Province South Laos

Map



Description

Phon Ngam Secondary School is located in the Atsaphon District in the Savannakhet Province in Southern Laos. The village currently has a population size of 300 Households with 1,679 people mostly of Phu Thai ethnicity. Most villagers support themselves through plantation work and subsistence farming. The Phon Ngam Secondary School was established in 2001. Currently, the school serves 589 students (301 boys, 288 girls) ranging from 11-18 years old and employs 28 teachers (17 men, 11 women). The school is composed of four concrete and one wooden school building with a total of fourteen classrooms. Two concrete buildings (8 classrooms) were built by the government. The other two concrete buildings (6 classrooms) were constructed by the Japan's Grassroots Grant Assistance (GGA) and the community itself. All concrete buildings are still in good condition. The fifth building (one classroom) is in very poor condition and in dire need of replacement. The wood foundation has become very unstable because of moisture and a non-waterproof roof. The construction could collapse any time and endanger the lives of the students. In addition, classrooms become heavily overcrowded because the number of student's increases due to a lack of secondary level schools in the area. The school expects approximately 70% more students in the next years. Under these unsafe circumstances, the students cannot focus on their studies and easily get distracted in a chaotic learning environment. Therefore we have decided to support the school by replacing the wooden building with a concrete school building with five fully furnished classrooms along with four toilets.

Implementation

In order to improve the existing insufficient learning environment, we will construct one new school building with five fully furnished classrooms and four additional toilets. As with all our projects, the local community will be involved in the construction process. Involvement of the community is critical, as it encourages a stronger sense of ownership over the project. They will contribute stone, sand, wood and unskilled labour to fill up the soil of the foundation. The Laotian Government is responsible for the teachers' salaries and the provision of learning materials. We will select a trusted local contractor to coordinate all phases of construction and to purchase all needed construction materials. The contractor will be paid in four instalments based on the construction progress, with 5% of the total labor cost being held back for one year as a guarantee for the quality of the work. The Laotian Government and the local community will be responsible for the school building once the construction is completed. We consider this project as low risk. The school is accessible by road all year around, but during the rainy season it might get slippery. It take approximately two and a half hours from Savannakhet city to access the school. We aim to start construction by June 2018 and completion is expected by the end of December 2018. This is considered a low risk project.



One of the four concrete buildings



The wood foundation is unsafe and very scary for the students, their parents and teachers. The building might collapse anytime soon and is not at all a conducive environment.

Budget

FX USD 1 = THB 31,36

Item	THB	USD	In %
Construction material	872,060	27,808	54
Labour cost	398,000	12,691	25
Transportation	36,000	1,148	2
Interior & Furniture	135,800	4,330	8
Monitoring & Implementation cost	60,078	1,916	4
Administration Overhead contribution	113,049	3,605	7
Total Budget	1,614,987	51,498	100



Project manager

Somsak Kamdang
Nickname: Sak

Sak has been working for us since January 2015 as an Assistant Field Coordinator for Laos, based in Chiang Mai.



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