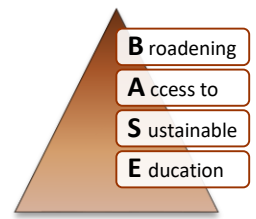




# Lian Xai Secondary School – New School Building



## Facts

Name	Lian Xai
Type of facility	School Building
Number of students	410 (188 boys, 222 girls)
Number of teachers	48 (17 men, 31 women)
Number of classrooms to be built by us	1 new building with 5 fully furnished classrooms, 4 toilets
Size of building	280 m <sup>2</sup>
Budget	<b>USD 45,009</b>
Construction period	July 2019 to March 2020
Project manager	Mr. Chirasak Phetchompoo
Location	Lian Xai Village Atsaphangthong District Savannakhet Province Southern Laos

## Description

Lian Xai Secondary School is located in Lian Xai Village, Atsaphangthong District, Savannakhet Province, Southern Laos. The village has a population of 1,759 residents and is home to 284 households. The vast majority of the population is dependent on animal husbandry, construction and government work, industrial and subsistence farming, factory and plantation work, and trade for their living. Established in 1998, Lian Xai Secondary School has 5 school buildings. 3 are made out of concrete and 2 are temporary buildings, with a total of 7 classrooms and 2 teachers' rooms. The 3 concrete buildings are run down but still usable. The 2 bamboo buildings are severely dilapidated, posing a very serious risk to the lives of teachers and students. The substandard timber posts are sitting directly on the ground; infested by termites; unstable; and are on the verge of collapsing. In addition, the timber roof trusses are severely damaged from the leaking rain water. These buildings are in a state of great despair and in dire need of replacement. During the hot season, the interior becomes unbearably hot and the students get wet during the rainy season, an environment that greatly impacts negatively on the children's mental and physical well-being. Currently, the school serves 410 students (188 boys, 222 girls), ranging from 11-18 years old and employs 48 teachers (17 men, 31 women). A standardized school building, to replace the two temporary school buildings, is essential to help ease the students' hardship and to support their education and well-being. This will cater to the expected growing student number in the coming academic years. The additional toilets will help improve the sanitation standards at the school and prevent hygiene-related illnesses, hence reducing dropout rates.

## Map



## Implementation

Lian Xai Secondary School is a government registered school and therefore, the government will support the teachers' training and salaries, and provide the curriculum and materials for teaching and learning. Our approach is to always involve the community into the project to encourage ownership and community development. For this project the villagers have agreed to provide wood for roof trusses and ceiling, water and electricity for construction, soil for the foundation, and pre-made wooden window shutters. For the actual construction, we will collaborate with a local contractor to coordinate all phases of construction and to purchase standard construction materials locally, as well as to arrange for the required furniture. Payments will be made in instalments, according to the progress of the construction with 5% of the total labour cost held back for one year, as a guarantee for the quality of the work. The school management and the community have agreed to maintain and manage the facility after completion. The school location is close to the main road and accessible all year round. Construction will begin in July 2019 and is targeted to be completed in March 2020. We consider this a low risk project.

## Photos



The ramshackle classrooms are neither a comfortable nor a motivating environment for the students

## Budget

FX: USD 1 = LAK 8,710

Item	LAK	USD	In %
Construction Materials	198,882,285	22,834	51
Interior Equipment & Furniture	33,478,235	3,844	8
Labour Cost	117,639,480	13,506	30
Implementation & Monitoring Cost	14,583,333	1,674	4
Administration Overhead	27,441,756	3,151	7
<b>Total Budget</b>	<b>392,025,089</b>	<b>45,009</b>	<b>100</b>



The two temporary bamboo buildings are in a state of great despair and in dire need of replacement. There is a real danger that the builds will collapse anytime soon



The timber roof trusses are severely damaged from the leaking rain water