

# Nong Hin Khao Primary School – School Construction

**B**roadening

**A**ccess to

**S**ustainable

**E**ducation

## Facts

Name Nong Hin Khao Primary

Type of facility School Building

Number of students 117 (56 boys, 61 girls)

Number of teachers 7 (1 male, 6 female)

Number of buildings to be built by us 1 new building with five fully-furnished classrooms, 1 teachers' room, and four toilets.

Size of building 336 m<sup>2</sup>

Budget **USD 52,916**

Construction period March – September 2020

Project manager Mr. Chirasak Phetchompoo

Location Nong Hin Khao Village  
Pak Song District  
Champasak Province  
Southern Laos

## Description

Nong Hin Khao Primary School is located in southern Laos, in the Nong Hin Khao village in the Pak Song District of Champasak Province. Founded in 1972, this village is comprised of 1,001 people living in 187 households, with an equal gender distribution. The village has water, electricity, and cellular signal access, and the most common job is coffee and cabbage plantation work. The school was built in 1978 and serves children in grades 1 – 5. The students' ethnicities are La Wen and Lao Lum.

The current school building has six rooms; three of these are wooden and the remaining three are temporary with bamboo walls and no flooring material. The overall condition of the building is very poor, with cracking wood, holes in the roof, and many sections lacking proper walls or flooring. The structural stability is questionable, so the safety of the students and teachers is a significant concern. The building also does not have electricity.

The primary school has a current enrolment of 117 students (56 boys and 61 girls), all of whom come from the Nong Hin Khao village. The school employs seven (one male and six female) teachers, and there is a low turnover rate. The students don't pay a fee to attend the school but the school receives 75,000 kip (USD 8) per student per year from the government. The students and teachers currently experience both crowded and unsafe conditions in the existing school building. This project will construct a standard school building with electricity and five fully-furnished classrooms to properly accommodate the existing students, and with a capacity of up to 200 students, will allow for future growth in the student body. There will also be a teachers' room and four additional toilets to reduce the spread of hygiene-related illnesses. The new building will be built near the old school, on land owned by the school.

## Implementation

Nong Hin Khao Primary School is a government school. The government will support the teachers' training and salaries, 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 soil, wood frames, water, and electricity for the construction. They are willing to contribute to this project because they support the school and have helped maintain the existing structure for many years. For the actual construction, we will collaborate with a local contractor to coordinate all phases of construction and to purchase standard construction materials and furniture locally, when possible. 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 estimated yearly maintenance budget is 300,000 – 400,000 LAK (approx. USD 40); the government will cover this cost.

Pakse – the location with the closest international airport – is 73 km away from the village, and can be reached in approximately 1.5 hours. Between Pakse and Paksong, the condition of the road is good, but the remaining distance to the village is only accessible during the dry season. Construction will begin in March 2020 and is targeted to be completed in September 2020. We consider this a low risk project.

## Map



## Photos



The existing school building, built in 1978, is in very poor condition and is an unsafe environment for the students and teachers.



The classrooms are in poor condition and the walls offer little protection from the elements.

## Budget

FX: USD 1 = 8,890 LAK

Item	LAK	USD	In %
Construction Materials	194,033,790	21,826	41
Interior Equipment & Furniture	106,365,129	11,965	23
Labour Cost	119,601,081	13,453	25
Implementation & Monitoring Cost	17,500,000	1,968	4
Administration Overhead	32,930,107	3,704	7
<b>Total Budget</b>	<b>470,430,107</b>	<b>52,916</b>	<b>100</b>



Openings in the roof allow rain and debris to enter the building and classrooms, creating an unsafe and unpleasant learning environment.



Students in two of the existing classrooms. The proposed building will create enclosed classrooms with the ability to accommodate more students.