

Facts

Name	Na Tan
Type of facility	Secondary School
No. of students	785 (404 boys, 381 girls)
No. of teachers	56 (26 male, 30 female)
Number of class-rooms built by us	2 new school buildings - 5 classrooms each & toilets
Today existing class-rooms	4 buildings with 21 class-rooms (1 building with 8 classrooms is rotten)
Budget	USD 93,204
Construction period	August – January 2016
Project manager	Mr. Somsak Kamdang
Location (Province)	Na Tan village Muang Phiang District, Xaignabouli, North Laos

Description

Na Tan Secondary School is located at Na Tan village in Muang Phiang District in Xaignabouli, North Laos. The majority of the local community earn income through animal husbandry or plantation of crops. The main ethnicities found in the community are Hmong, Khamu, Lao, Lue, Prai and Tai Dam. The school was founded in 1979 and it moved to Na Tan village in 1997. It now possesses four buildings which equates to 21 classrooms. There are 785 students aged 11 to 18 in attendance, studying from Lower Secondary 1 to Upper Secondary 3. The issue is that one of the four buildings is an old wooden building that houses eight classrooms. With old age and termites eating the building's infrastructure, it is no longer safe for students to study and have lessons in that building. Additionally, the building does a poor job in sheltering the students against dust, rain, or heat and as a result, students are unable to focus and properly benefit from their education. Another prevalent concern with Na Tan Secondary School is the overcrowded classrooms. With more students expected to arrive in the upcoming years, the school's facilities, stretched already by current demand, will be unable to cope with an increased influx of students. Na Tan Secondary School has a catchment area of 13 surrounding villages. By providing two new school buildings with ten classrooms and eight toilets, we are able to tackle the issue of poor infrastructure and overcrowding at Na Tan Secondary School. Furthermore, a new school building will emphasize the importance of education to the community and provide an incentive for the children and youth to continue with and complete their secondary education. Na Tan Secondary School plays a vital role in the area since it's the only secondary school serving this region.

Map



Implementation

In order to improve the existing insufficient learning environment, we will construct two new school buildings with five classrooms each and eight toilets. The Laotian Government is responsible for the teachers' salaries and the provision of learning materials. As with all our projects, we will seek to involve the local community in the construction process as much as possible. The villagers of Na Tan village will contribute scaffolding, wood for the ceiling and roof, and soil for the foundation work. We will select a trusted local contractor to coordinate all phases of construction and to purchase materials in the local community. The contractor will be paid in four instalments based on the construction progress, with 5% of labour costs held back for 1 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. With the school's location being easily accessible, the only risk would be fluctuations in the exchange rate which could affect the cost and duration of the construction. We aim to start construction in August 2015 and completion is expected by the end of January 2016

Photos



One of four buildings of Na Tan Secondary School



Age and termites have weakened the structures of the wooden building dramatically, making it dangerous for the students to use

Budget

1 USD = 33.8 THB

Item	THB	USD	In %
Construction material	2,054,704	60,790	65%
Labour	425,390	12,586	14%
Interior & Furniture	233,286	6,902	7%
Transportation	99,204	2,935	3%
Monitoring & Implementation cost	117,191	3,467	4%
Administration Overhead contribution	220,521	6,524	7%
Total Budget	3,150,296	93,204	100%



Dirt floors make a school unusable during the rainy season and pose a health risk also

Project manager

Somsak Kamdang
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