



# TGUP Project Details

## One or two new classrooms

### Las Flores Public Rural School

### Peten, Guatemala



#### **PROJECT NAME: Las Flores Classrooms**

**PROJECT SUMMARY:** Provide design, materials, supervision and qualified labor (builders) to build one or two classrooms for students currently hosted in crumbling wooden structures in the Public Rural School of Las Flores Village, in Peten,

Guatemala. The building to be constructed will measure 20 x 52 feet. Each classroom will be 20 x 26 and will be made of rebar-reinforced concrete, cinder blocks. The total cost will be **USD \$26,770.63 for two classrooms or \$16,083.80 for one classroom.**

#### **PROJECT PARTNERS FOR CONSTRUCTION:**

- 1) The Global Uplift Project (TGUP)
- 2) Seeds of Learning (SOL)
- 3) Comite de Padres EORM Caserio Las Flores, Peten

- 1) **The Global Uplift Project (TGUP)** helps American individuals and groups build classrooms and other infrastructure projects in the developing world from donations as small as one dollar. Since its founding in 2007, TGUP has completed more than 270 such projects in 24 countries in Asia, Central America, and Africa. TGUP is an IRS registered 501c3 nonprofit.
- 2) **Seeds of Learning (SOL)** has worked with communities in Central America since 1991 to improve access to education. It has constructed 258 classrooms with 81 different communities across Nicaragua, El Salvador and Guatemala. SOL has one office Nicaragua, and headquarters in northern California. SOL is an IRS registered 501(c)3 non-profit. SOL has the capacity to establish an office in Guatemala with Nicaraguan staff.

- 3) **Comité de Padres de Familia de la EORM CASERIO Las Flores** (Parents' Committee of the School) is the legally registered organization who will be in charge of the project implementation, financial management and the mobilization of community volunteers and resources. It is made up of the students' parents and the school teachers and has all the institutional power and capacity to implement this project under the supervision of SOL staff.

## **PROJECT MANAGEMENT:**

### The Global Uplift Project

#### **Senior Executive:**

Robert Freeman  
Executive Director  
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#### **Supervising Executive:**

Cathy Dwulet  
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### Seeds of Learning

#### **Senior Executive:**

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Executive Director  
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#### **Supervising Executive:**

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Managua Regional Director  
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**APPROXIMATE PROJECT DATES:** January – March, 2023

## **TIMELINE:**

Jan 17–29: Construction of foundation  
Jan 30–Feb 19: Construction of the concrete structure and walls  
Feb 21–26: Construction and installation of the roof  
Feb 28–Mar 3: Pouring of the floor slab. Procurement of furniture and equipment.  
Mar 5–10: Stucco and painting. Electrical installations. Doors and windows bars fabrication.  
Mar 12-17: Windows and doors installation  
Mar 19: Inauguration

## **ABOUT THE COMMUNITY**

Las Flores is a rural community of around 500 inhabitants in Peten, Guatemala. It is located 53 miles away from La Libertad, the municipal capital, and 76 miles from Flores, the provincial capital. The main income generating activities in the community are agriculture, commerce, and public services. Many people in the community also depend on remittances sent by relatives working abroad. Agriculture is aimed at producing staple food and raising cattle in small plots owned by the locals. Other

sources of employment are stores, small informal businesses, and public services. There is electricity available in all houses and there is also running water service managed by a community committee. There is no public sanitation service; most houses have latrines or sanitary pits.



## **ABOUT THE PROJECT:**

The Las Flores Public Rural School (EORM) is the only elementary school in the community. It provides primary education to 106 students. The school has four teachers.

The school staff, students and parents are committed to ensuring quality education under the standards established by the Guatemalan Ministry of Education. The public school's curriculum is aimed at developing critical thinking and skills to ensure competence for young students to continue in higher levels of education until they become agents of change to overcome the high levels of poverty in the country. However, the poor physical conditions of two of the four classrooms are an obstacle to achieve this goal. Two groups of students (15 in second grade and 19 in third grade) are in classrooms made of wood and zinc. The wood planks have shrunk through the years and some are rotten, leaving wide clefts in the walls. Although the floor is made of cement, it is very thin and is broken with many cracks. During the rainy season (lasting 9 months in the region) water gets into the classrooms when it is raining and the wind blows through the cracks in the walls.

Sometimes classes need to be cancelled due to these conditions which affects

enrollment, attendance, school performance, and completion.

This project will build two classrooms measuring 26x20 feet each, for a total of 20x52 feet of construction. The foundation and the building will be made of cinder blocks with rebar-



reinforced concrete columns and beams. The floor of the main building and the sidewalk will be made of concrete reinforced with steel mesh. This will be finished with a thin and smooth cover made of cement and fine sand to ensure easy and thorough cleaning. The roof will be a steel structure, with 4"x2"x20' steel beams and u-shaped 4"x2"x20' purlins. This structure will be roofed with galvanized metal sheets.

The project includes the installation of electrical wiring and lights. Each classroom will have two doors that will be locally made with metal frame and steel sheets. The windows will be protected with metal bars. In front of the building will be a roofed sidewalk of 52x9 feet. The classroom will look similar to the one in the photo below.



### **ANTICIPATED BENEFITS:**

- Improved compliance with the education standards for quality and access. The students and teachers will have a space that will improve student attention and allow for creative and dynamic educational activities.
- Better chances for completing the syllabus planned for the grades currently using the old and decrepit facilities.
- Improved school attendance, completion, and performance.

## PRIMARY BENEFICIARIES:

106 elementary school students

4 teachers

500 inhabitants

## DETAILED BUDGET

CONSTRUCTION OF TWO CLASSROOMS LAS FLORES, GUATEMALA				
Category	Description	Unit Cost	Qty	Total cost in US\$
Construction materials	Cement bags	\$9.33	210	\$1,959.30
	Sand (m3)	\$33.33	30	\$999.90
	Gravel (m3)	\$40.00	14	\$560.00
	Cinder blocks	\$0.80	1300	\$1,040.00
	Quarries materials (truck load)	\$110.00	3	\$330.00
	Steel bars 3/8" qq	\$51.00	18	\$918.00
	Steel bars 1/4"	\$49.00	10	\$490.00
	Tying wire	\$1.60	60	\$96.00
	4x2" x 20' Ch 14 metal beam	\$59.00	4	\$236.00
	4x2"x 20' ch 16 metal beam	\$51.00	6	\$306.00
	4x2"x17.5 m ch 14 purling	\$43.00	33	\$1,419.00
	4x2"x 6m ch 16 purling	\$18.00	4	\$72.00
	3" nails (pounds)	\$1.60	30	\$48.00
	3" iron nails box	\$6.00	10	\$60.00
	2.35 x 6 m. steel mesh	\$32.00	10	\$320.00
	Cal 26 roofing sheets x 4.2 m	\$51.00	18	\$918.00
	Cal 26 roofing sheets x 5.3 m	\$65.00	18	\$1,170.00
	Roofing sheet screws	\$0.16	800	\$128.00
	Roof ridge cap (units)	\$12.00	9	\$108.00
	Truck trips	\$100.00	5	\$500.00
	Welding rod pounds	\$3.00	27	\$81.00
	Cutting disk 7"	\$5.50	6	\$33.00
	Cutting disk 4.5"	\$2.50	8	\$20.00
	Grinder disk 4.5	\$2.50	3	\$7.50
	Anticorrosive silver spray paint	\$5.00	4	\$20.00
	Metal doors	\$210.00	4	\$840.00
	Windows protection bars	\$150.00	8	\$1,200.00
	Wall paint (5 gal bucket)	\$40.00	6	\$240.00
	Flexible electrical conduit pipe (box)	\$12.00	4	\$48.00
	Electrical wire #12 (box)	\$86.66	6	\$519.96
	Double power sockets	\$4.50	4	\$18.00
	4x2 electrical wall boxes	\$1.00	6	\$6.00
	double wall switches	\$4.80	2	\$9.60
Socket and bulbs	\$10.50	4	\$42.00	
New-wall paint (5 gal bucket)	\$55.00	6	\$330.00	
Thinner (galons)	\$10.00	6	\$60.00	
Paint roller kit	\$7.00	3	\$21.00	
Paint roller cover	\$5.00	6	\$30.00	
Paintbrushes 4"	\$2.75	4	\$11.00	

	Paintbrushes 2.5"	\$2.00	6	\$12.00
	1"x10"x15' wood plank	\$15.00	15	\$225.00
	2"x2"x15' wood beam	\$6.00	10	\$60.00
	1"x 3" x 15'	\$4.50	10	\$45.00
	Tools fund	\$200.00	1	\$200.00
	<b>Sub-total</b>			<b>\$15,757.26</b>
<b>Admin Expenses</b>	Transport	\$65.00	8	\$520.00
	Food	\$4.00	50	\$200.00
	Round Trip airfare MGA - FLR	\$1,000.00	2	\$2,000.00
	<b>Sub-total</b>			<b>\$2,720.00</b>
<b>Personnel</b>	Masonry (labor days)	\$26.66	60	\$1,599.60
	Builder assistant (labor days)	\$13.50	60	\$810.00
	Welder	\$96.00	7	\$672.00
	Community Labor (work days)	\$13.50	120	\$1,620.00
	Field supervision (monthly)	\$375.00	2	\$750.00
	<b>Sub-total</b>			<b>\$5,451.60</b>
	<b>Total General</b>			<b>\$23,928.86</b>
	<b>Community contribution*</b>			<b>\$1,620.00</b>
	<b>Project management</b>			<b>4,461.77</b>
	<b>Amount Requested</b>			<b>\$26,770.63</b>

\* Unskilled labor (digging trenches), mixing cement, hauling materials, meal preparations, etc.