



TGUP Project Details

Information Technology Equipment Las Ruinas Elementary School Peten, Guatemala



PROJECT NAME: Information Technology Equipment for Las Ruinas Elementary School, La Libertad, Peten, Guatemala.

PROJECT SUMMARY: The rural elementary school in Las Ruinas provides free education to 137 students (97 in elementary school and 40 in preschool). The school also hosts the technical highschool that provides vocational training to 61 young adults in the fields of preschool teaching and accounting.



The need to provide students the knowledge and skills on IT technologies has been identified as a priority for this school. This project will fund equipment and furniture to establish a computer and multimedia room for the school. This will allow for a more integrated education that includes access to technology and improved education methodologies. The project includes the provision of computers, a printer, multimedia projector, and some furniture. The school and parents will contribute to the project by refurbishing the space for this room and building some of the furniture. Total cost: \$5,951.

PROJECT PARTNERS:

- 1) The Global Uplift Project (TGUP)
- 2) Seeds of Learning (SOL)
- 3) School Parents Committee EORM Las Ruinas

- 1) **The Global Uplift Project (TGUP)** helps American students and individuals build small infrastructure projects in the developing world from donations as small as one dollar. Since its founding in 2007, TGUP has completed more than 230 such projects in 19 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 197 classrooms with 61 different communities across Nicaragua, El Salvador and Guatemala. SOL has two offices in 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 RUINAS JM** (School Parents Committee) 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 by the students' parents and the schoolteachers. It has all the institutional power and capacity to implement this project under the supervision of SOL staff.

PROJECT MANAGEMENT (for all listed above):

The Global Uplift Project

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PROJECT DATES: August 2022

TIMELINE:

August 01 – 07: Equipment procurement and transport.

August 08 – 14: Room refurbishment and installation of partition and furniture.

August 15 – 24: Installation, setup and test of equipment.

August 25 – 30: Procurement of furniture and demonstration classes.

August 31: Inauguration

ABOUT THE COMMUNITY AND PROJECT:

Las Ruinas is a rural community of La Libertad municipality, in Peten, Guatemala. The community is 50 miles away from the municipal capital and 87 miles from Flores, the provincial capital. With roughly 2,000 inhabitants, the local economy is based mainly on small scale



agriculture. Some families have small and medium size plots and other rent land to raise cattle and plant corn, beans, and other staple foods. A few bigger farms provide employment to families who don't own land. Other sources of employment are local stores, small businesses, and public services. The community has one public health center, two elementary schools, one middle school, and one high school. Electricity was installed a few years ago and there is an intermittent water supply service run by the COCODE (Community Development Committee).

The Las Ruinas Public Rural School (EORM) is one of the two elementary schools in the community. The school's mission is to provide quality education in three educational levels: preschool (40 students), primary (97 students), and diversified cycle (11th-13th grade) that complements basic education with technical studies to train 61 high school students as pre-school teachers and accounting technicians.

The need for student and teacher training on Information Technologies has been

identified as a priority to ensure education quality and relevance in a society more and more dependent on technology. Computer literacy is key to expand the opportunities for students to enter the labor market. Additionally, access to computers and other multimedia resources is of enormous value for schoolteachers to prepare and deliver more impactful classes, which motivates students for better school performance. Currently the Las Ruinas Rural Elementary School has no computer equipment. Although the teachers have presented multiple requests to the Ministry of Education for this type of equipment, public budget deficits have not permitted any help.



This project will provide the school with 10 refurbished computers, a new multifunctional printer, a new multimedia projector, 10 UPS backup batteries, five multiple outlets, two electrical extensions, and 10 plastic chairs. With this equipment, an Information Technology and Multimedia Classroom will be established in the school. One of the school existing classrooms, with the lowest occupation, will be divided to accommodate the IT classroom. The partition will be funded and made by the School Parents Committee who will also raise funds to buy wood and make desks.

ANTICIPATED BENEFITS:

- Computer training for elementary school students will be included in the school curriculum for a more up-to-date and comprehensive education.

- Computer training aimed at the use of IT and multimedia resources in classes will be provided to teachers and students who are being trained as preschool teachers.
- Students will have access to computers, the internet, and multimedia resources to do research and prepare their homework.
- Teachers' access to computers and the Internet will provide them with the opportunity to use internet-based multimedia resources to improve teaching.
- This lab will open the opportunity for on-line training for students and teachers.
- The lab will facilitate resources, like training and software, for the technical education students in the technical high school.

PRIMARY BENEFICIARIES:

40 pre-school students
 97 elementary school students
 61 diversified cycle students
 14 teachers

IMPACT METRICS:

- Computer classes included in the school curriculum.
- 100 students participate in computer classes.
- 14 teachers receive two IT training workshops per year.
- 14 teachers download resources to enrich classes. Each teacher teaches at least one class per week using multimedia (video, sound, presentations).
- 50 students per week use computers to do homework.

BUDGET SUMMARY:

Summary of project costs:

Computers	\$ 3,100.00
Multifunctional printer	\$ 466.00
Multimedia projector	\$ 470.00
UPS Backup System	\$ 660.00
Desks and chairs	\$ 425.00
Electrical accessories	\$ 70.00
Community contribution	\$ 325.00
<u>Project management</u>	<u>\$ 975.00</u>
Total	\$ 5,951.00

SUMMARY AND EVALUATION

This is a high priority project based on the following facts:

- Computer literacy is key for a comprehensive education that allows students to be more competitive in the labor market.
- IT and multimedia resources are highly valuable for teachers to plan more dynamic and attractive classes.
- The school community has worked very hard to establish a computer and multimedia room and is committed to contribute with some resources and volunteer work to make this happen.

DETAILED BUDGET:

Nº	Description	Units required	Cost per unit	Total
1	Refurbished desktop computer Core I5 2 nd Gen, 4 ram, 250 HD, 19” screen	10	\$310.00	\$3,100.00
2	Multifunctional printer	1	\$466.00	\$466.00
3	Multimedia projector	1	\$470.00	\$470.00
4	UPS Backup Battery 500VA	10	\$66.00	\$660.00
5	Desks and chairs	10	\$11.00	\$425.00
6	Multiple outlets	5	\$5.00	\$50.00
7	30 ft extension cords	2	\$10.00	\$20.00
8	Project management			\$975.00
9	Community contribution			\$325.00
	General Total			\$5,951.00