



2011-2012

Renovation Project: Kuçi i Zi



TASK AID

Renovation of a nine-year primary school

Location: Kuçi i Zi (Korce), Albania.



Figure 1: Detail of front exterior windows of Kuç i Zi School.



Figure 2: The school yard and exterior surroundings.



Figure 3: The village/school health center.



Figure 4: Alternative view of the backside of school.



Figure 5: Students in a class at Kuç i Zi.



Figure 6: The preschool classroom of Kuç i Zi.



Figure 7: Detail of an unused classroom.



Figure 8: The firewood used for heating at Kuç i Zi School.



Figure 9: A classroom used for storage at Kuc i Zi.

Kuci i Zi, Albania
School Reconstruction and Building Project
Project Summary

Name of School: Kuci i Zi

Location: Kuc i Zi, Albania

Number of Students: 40 students and 20 pre-school children.

Start of Project: June 2011

Projected Finish: September 2011

Estimated Project Costs: \$53,068.02

Summary: The village of Kuc i Zi is located northwest of Korce and is part of the greater commune of Bulgarec. It lies in the mountainous terrain of the Morava Mountain range. The climate during the winter is bitter with frigid temperatures which cause difficult living conditions. The village has a population of 1,500.

The present elementary school enrolls forty students with an addition of the pre-school which has approximately twenty children. The school's infrastructure consists of a simple one story building with a newly reconstructed roof. The building was built in 1968 and it has not been fully maintained or renovated since. Due to the inadequate care of the premises, there are damages to the ceilings, tiling, wooden floors, doors, and the windows. Exterior plastering is absent which presents a problem during cold temperatures. In the winter, difficulties are faced in by the classrooms because harsh weather conditions make it very challenging for the students to learn. The building itself does not provide any protection during the cold months because it's in a poor state and in need of renovation. Old water supply lines and sewage lines have over the years damaged the areas needed for new systemized lines to be put in. It is for these reasons that reconstruction is needed to improve the conditions of the school and the surrounding school grounds.

Development project - implementation of budget allocation

1. Purpose of Reconstruction

Reconstruction of the school and pre-school in the village of Kuc i Zi was started out of the necessity to improve the learning conditions of the sixty students and pre-school children. The building was built in 1968 and it is in critical need of interior and exterior renovation.

2. Location of Structure

The building is located in the center of the village of Kuc i Zi.

State of Construction of the Building

The building structure made of brick and stone walls appear to be without damage (the quality of brick and mortar), therefore the structure is sound. The horizontal floor structure is formed mainly of a concrete layer that is sustainable.

- The roof appears to be in good shape and was recently rebuilt.
- The bathrooms are fairly reconstructed.
- In the preschool room there is a need for a sink.

3. Working assessments and financial forecast.

The assessment of the work to be done includes; the reconstruction of the interior and exterior doors and windows, installation of tiles and wood flooring, plumbing and electrical installations, systematization of exterior environments (landscape work), and creating a sporting environment for children. This is based on assessments conducted by the engineers chosen by the commune (town hall), working to develop an accurate scale for predicting the cost of reconstruction.

Kuci i Zi, Albania

School Reconstruction and Building Project

BUDGET ALLOCATION FOR RECONSTRUCTION

Renovation of Elementary School & Pre-School of KUÇ I ZI (Korçe) ALBANIA

* Value in US Dollars is converted based on the Exchange rate of November 1, 2010*

1 Albanian Lek = 0.0100 US Dollar

1 US Dollar (USD) = 99.8100 Albanian Lek (ALL)

No.	Job Description	Unit	Amount	Price	Value in LEK	Value in US Dollars
I	Break down works					
1	Plaster break, interior wall	m ²	440	85	37400	\$ 374.00
2	Existing tile covering layer+stairs break	m ²	158	120	18960	\$ 189.60
3	Wooden floor break	m ²	29	70	2030	\$ 20.30
4	Brick wall break	m ²	1.5	350	525	\$ 5.25
5	Ceiling l.k. plaster break	m ²	134	95	12730	\$ 127.30
6	Wooden doors and windows take away	pieces	22	150	3300	\$ 33.00
7	Building remnants transport	ton	70	300	21000	\$ 210.00
	Amount I				95945	\$ 959.45
II	Building works					
1	Interior wall plaster	m ²	440	780	343200	\$ 3,432.00
2	Wire net ceiling building and plastering	m ²	134	1400	187600	\$ 1,876.00
3	Ceiling building k xhes 12 mm corridor	m ²	41	1500	61500	\$ 615.00
4	Concrete leveling layer 3 cm	m ²	175	450	78750	\$ 787.50
5	Gres tiles layer	m ²	146	2200	321200	\$ 3,212.00
6	Gres tiles plinth	ml	152	450	68400	\$ 684.00
7	Wooden parquetry construction	m ²	29	2800	81200	\$ 812.00
8	F.V. 2.5m green boards	pieces	4	24000	96000	\$ 960.00
9	Exterior wall plastering height + shim	m ²	235	850	199750	\$ 1,997.50
10	F. V duroplast double glass window	m ²	25	15000	375000	\$ 3,750.00
11	F. V marble thresholds	m ²	9.3	3500	32550	\$ 325.50
12	F.V MDF doors	m ²	9	12000	108000	\$ 1,080.00
13	F. V Exterior duraluminium door	m ²	3.85	11000	42350	\$ 423.50
14	F. V decorative balustrade windows	m ²	25	3200	80000	\$ 800.00
15	F. V decorative balustrade stairs	m ²	4	3200	12800	\$ 128.00
16	Bazamake marble stirs	m ²	14	3500	49000	\$ 490.00

17	Horizontal roof gutters	ml	64	750	48000	\$	480.00
18	Vertical roof gutters	ml	18	800	14400	\$	144.00
19	Cement chromium exterior wall painting	m ²	235	220	51700	\$	517.00
20	Internal wall plastic paint painting	m ²	615	120	73800	\$	738.00
21	F. V majolica tiles on the sink	m ²	2	2000	4000	\$	40.00
	Amount II				2329200	\$	23,292.00
III	Hydro sanitary works						
1	F+V water tubes PE ½ + fittings	ml	25	320	8000	\$	80.00
2	F+ V Ø55mm up to 100 mmtubes+fittings	ml	28	380	10640	\$	106.40
3	F.V long sink + sink group	pieces	1	9000	9000	\$	90.00
	Amount III				27640	\$	276.40
IV	Electrical works						
1	Light outings	pieces	15	320	4800	\$	48.00
2	F+V plug outings	pieces	10	320	3200	\$	32.00
3	F.V light key	pieces	11	250	2750	\$	27.50
4	Plug	pieces	10	300	3000	\$	30.00
5	lights	pieces	13	1200	15600	\$	156.00
6	Electrical frame with differential automat starter – 6 spaces	set	1	2000	2000	\$	20.00
7	10A 1 F , 16A 1F	pieces	4	350	1400	\$	14.00
8	Signaling lamp	pieces	1	150	150	\$	1.50
9	Cu-1.5mm ² wire	ml	200	15	3000	\$	30.00
10	Cu-2.5mm ² wire	ml	150	20	3000	\$	30.00
11	Cu-4mm ² wire	ml	50	25	1250	\$	12.50
12	Ø 13 mm flexible tube	ml	400	80	32000	\$	320.00
13	Square outing box 10x10x8	pieces	25	120	3000	\$	30.00
	Amount IV				75150	\$	751.50
V	Territory regulation works						
1	Ground unloading	m ³	120	250	30000	\$	300.00
2	Ground digging foundation for surrounding+ borders	m ³	25	450	11250	\$	112.50
3	Ground filling and pressing	m ³	120	200	24000	\$	240.00
4	Ballast layer + rolling	m ²	650	280	182000	\$	1,820.00
5	Concrete layer under the border	m ³	2.5	7500	18750	\$	187.50
6	F. V concrete borders 10x 30 cm	ml	250	450	112500	\$	1,125.00
7	Concrete pavement layers	m ³	22	8500	187000	\$	1,870.00
8	Concrete layer for basketball field	m ³	24	8500	204000	\$	2,040.00
9	Buto concrete foundation for surrounding	m ³	9.6	7000	67200	\$	672.00
10	Concrete wall blocks for surrounding	m ³	26	6800	176800	\$	1,768.00
11	Concrete girdle	m ³	3.4	8500	28900	\$	289.00

12	Concrete "arme" columns for surrounding	m ³	1.8	8500	15300	\$	153.00
13	Metal surrounding portal	m ²	6	3200	19200	\$	192.00
14	Metal tables' cleat constructions	kg	100	250	25000	\$	250.00
15	Basketball tables+metal basket+painting	pieces	2	30000	60000	\$	600.00
16	Decorative balustrade for surrounding	m ²	140	3500	490000	\$	4,900.00
17	F. V banquettes + tables	pieces	5	30000	150000	\$	1,500.00
18	Grass planting	m ²	300	100	30000	\$	300.00
19	Trees and decorative plants planting	pieces	25	2500	62500	\$	625.00
	Amount V				1894400	\$	18,944.00
	SUBTOTAL(w/o TVSH)				4422335	\$	44,223.35
	TVSH 20 %				884467	\$	8,844.67
	TOTAL(with TVSH)				5306802	\$	53,068.02