



2009

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 2010

Projected Finish: September 2010

Estimated Project Costs: \$58,427.89 USD

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.

Kuci i Zi, Albania

School Reconstruction and Building Project

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.

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 October 22, 2009*

1 Albanian Lek = 0.01101 US Dollar

1 US Dollar (USD) = 90.80100 Albanian Lek (ALL)

No.	Job Description	Unit	Amount	Price	Value in LEK	Value in US Dollars
I	Breakdown works					
1	Plaster removal of the interior walls	m ²	440	85	37400	\$ 411.77
2	Tear down of existing tile layers and stairs	m ²	158	120	18960	\$ 208.75
3	Removal of wooden floors	m ²	29	70	2030	\$ 22.35
4	Tear down of brick wall	m ²	1.5	350	525	\$ 5.78
5	Removal of ceiling l.k. plaster	m ²	134	95	12730	\$ 140.16
6	Removal of wooden doors and windows	pieces	22	150	3300	\$ 36.33
7	Building debris removal	ton	70	300	21000	\$ 231.21
	Amount I				95945	\$ 1,056.35
II	Building works					
1	Interior wall plaster	m ²	440	780	343200	\$ 3,778.63
2	Building of wire net ceiling and plastering	m ²	134	1400	187600	\$ 2,065.48
3	Ceiling building k xhes 12 mm corridor	m ²	41	1500	61500	\$ 677.12
4	Concrete leveling layer 3 cm	m ²	175	450	78750	\$ 867.04
5	Gres tiles layer	m ²	146	2200	321200	\$ 3,536.41
6	Gres tiles plinth	ml	152	450	68400	\$ 753.08
7	Installation of parquet floor	m ²	29	2800	81200	\$ 894.01
8	Installation of 2.5m green boards	pieces	4	24000	96000	\$ 1,056.96
9	Exterior wall plastering + shim	m ²	235	850	199750	\$ 2,199.25
10	Installation of duroplast double glass window	m ²	25	15000	375000	\$ 4,128.75
11	Installation of marble thresholds	m ²	9.3	3500	32550	\$ 358.38
12	Installation of MDF doors	m ²	9	12000	108000	\$ 1,189.08
13	Installation of exterior duraluminium door	m ²	3.85	11000	42350	\$ 466.27
14	Installation of decorative window railings	m ²	25	3200	80000	\$ 880.80
15	Installation of decorative staircase railing	m ²	4	3200	12800	\$ 140.93
16	Marble stair base installation	m ²	14	3500	49000	\$ 539.49
17	Installation of horizontal roof gutters	ml	64	750	48000	\$ 528.48
18	Installation of vertical roof gutters	ml	18	800	14400	\$ 158.54
19	Exterior wall painting of cement chromium	m ²	235	220	51700	\$ 569.22
20	Painting of the interior wall	m ²	615	120	73800	\$ 812.54
21	Installation of majolica tiles on the sink	m ²	2	2000	4000	\$ 44.04
	Amount II				2329200	\$ 25,644.49
III	Hydro sanitary works					
1	Installation of water tubes PE ½ + fittings	ml	25	320	8000	\$ 88.08

2	Installation of Ø55mm up to 100mm tubes and fittings	ml	28	380	10640	\$	117.15
3	Installation of long sink + vanity sets	pieces	1	9000	9000	\$	99.09
	Amount III				27640	\$	304.32
IV	Electrical works						
1	Light outings	pieces	15	320	4800	\$	52.85
2	Installation of plug outings	pieces	10	320	3200	\$	35.23
3	Installation of light switches	pieces	11	250	2750	\$	30.28
4	Installation of plugs	pieces	10	300	3000	\$	33.03
5	Installation of luminescent lights	pieces	13	1200	15600	\$	171.76
6	Electrical frame with differential automat starter – 6 spaces	set	1	2000	2000	\$	22.02
7	10A 1 F , 16A 1F	pieces	4	350	1400	\$	15.41
8	Indicator lamp	pieces	1	150	150	\$	1.65
9	Cu-1.5mm2 wire	ml	200	15	3000	\$	33.03
10	Cu-2.5mm2 wire	ml	150	20	3000	\$	33.03
11	Cu-4mm2 wire	ml	50	25	1250	\$	13.76
12	Installation of Ø 13 mm flexible tube	ml	400	80	32000	\$	352.32
13	Square outing box 10x10x8	pieces	25	120	3000	\$	33.03
	Amount IV				75150	\$	827.40
V	Territory regulation works						
1	Unloading of soil (dirt)	m ³	120	250	30000	\$	330.30
2	Ground digging for foundation of perimeter+ borders	m ³	25	450	11250	\$	123.86
3	Ground filling and pressing	m ³	120	200	24000	\$	264.24
4	Ballast layer + rolling	m ²	650	280	182000	\$	2,003.82
5	Installation of concrete layer below perimeter	m ³	2.5	7500	18750	\$	206.44
6	Installation of concrete borders 10x 30 cm	ml	250	450	112500	\$	1,238.63
7	Concrete pavement layers (sidewalks)	m ³	22	8500	187000	\$	2,058.87
8	Concrete layer for basketball court	m ³	24	8500	204000	\$	2,246.04
9	Buto concrete foundation for perimeter	m ³	9.6	7000	67200	\$	739.87
10	Concrete wall blocks for perimeter	m ³	26	6800	176800	\$	1,946.57
11	Concrete girdle	m ³	3.4	8500	28900	\$	318.19
12	Concrete columns for perimeter	m ³	1.8	8500	15300	\$	168.45
13	Metal portal for perimeter fence	m ²	6	3200	19200	\$	211.39
14	Construction of metal supporting tables	kg	100	250	25000	\$	275.25
15	Basketball tables +metal hoops +painting	pieces	2	30000	60000	\$	660.60
16	Decorative railing of property perimeter	m ²	140	3500	490000	\$	5,394.90
17	Installation of benches + tables	pieces	5	30000	150000	\$	1,651.50
18	Grass planting	m ²	300	100	30000	\$	330.30
19	Plantings of trees and decorative plants	pieces	25	2500	62500	\$	688.13
	Amount V				1894400	\$	20,857.34

	SUBTOTAL(w/o TVSH)				4422335	\$	48,689.91
	TVSH 20 %				884467	\$	9,737.98
	TOTAL(with TVSH)				5306802	\$	58,427.89