

Vientiane Municipality

Ban Khok Na Ko Association Genève, Suisse

**Projet : construction d'un bâtiment scolaire standard de
6 salles de classes et une sale des maîtres.**

Lieu : Ban Vernsom , district de Khong , province de Champasack,
Sud Laos (971 km de Vientiane)

Résumé des coûts du projet (mars 2013)

No:	Description	Montants US \$	CHF
1	Terrassements	1,228	1'200.-
2	Structure Béton-Briques	9,702	9'200.-
3	Maçonnerie et plâtres	9,000	8'600.-
4	Toiture	8,250	7'900.-
5	Portes, fenêtres, cadres	3,216	3'100.-
6	Peintures	1,133.6	1'085.-
7	Sanitaires	2,427	2'300.-
8	Installations électriques	1,350	1'280.-
9	Déplacements Chef de Chantier	900	860.-
10	Déplacements Chef de Projet	500	480.-
11	Gestion du projet	1'000	950.-
12	Sécurité	2'000	1'900.-
13	Divers		
	Total (NOTAX)	40,706.6 US\$	38'855.-

Participation locale :

Mobilier, bois et participation aux travaux : env. 3'000 US \$

Budget élaboré par :

Assistant Technique

Directeur du Projet

Mr. Bouangeun KHAMSOUKSANGA

Mr. Yanick-M. EBINGER

Vientiane Municipality

Ban Khok Na Ko Association, Geneva, Switzerland

Calculation : construction standard building with 6 classrooms and one office

Ban Vernsom , Khong district, Champasack province

I. Earth work

Item	Description of work	Unit	Quantity	Unit price of materials	Unit price of labor	Total cost for material and labor US\$
1	Including layout leveling, setting	M2	500		0,30	150
2	Excavation for footing	M3	54		5	270
3	Excavation of soil for wall and ground beam around the building	M3	250		1	250
4	Back filling of soil for the footings	M3	54		1	54
5	Sand Back filling in the building by water	M3	168	2	1	504
	Sub total cost for earth work					1,228

II. Concrete work

1	Lean concrete for footing 5 cm	3m	270	2	2	1,080
2	15x15x400cm Lean concrete for pillars	3m	216	6	2	1,728
3	Lean concrete for under wall 20cm	3m	300		1.5	450
4	15x15 cm Lean concrete for beam	3m	600		8	4,800
5	10 cm Lean concrete for floor in side and out side	3m	336		4	1,344
6	10cm Concrete for foot path	3m	100		3	300
	Sub total cost concrete work					9,702

III. Masonry and plastering work

1	Brick wall 20 cm under the beam around the building	M3	300	3	2	1,500
2	Plastering the brick wall 20 cm	M2	600		2	1,200
3	Brick walls 10 cm	M2	1400	1.5	1	3,500
4	Plastering 1.5 cm	M2	2,800		1	2,800
	Sub total cost masonry and plastering work					9,000

IV. Roof work

1	5x10x600cm,4x8x600cm,3x3x600cm supply the steel for roof with the size	Pc s		470	15	7,050
2	supply and install eave fascia with size 2.5x20 cm	ml	200	4	2	1,200
	Sub total cost for roof and ceiling					8,250

V. Doors windows and frame work

1	Supply and install frame and door panel, including accessories completed. With the size 80x200cm	set	6	90	4	2,160
2	Supply and install doors and windows panel including accessories completed	set	48	20	2	1,056
	Sub total cost for doors windows and frame work					3,216

VI. Electric system supply in the rooms

1	Supply and install	set	15	50	10	900
2	Supply and install	Suits	15	30		450
	Sub total cost for electric system					1,350

VII. Painting work

1	Emulsion paint 3 coats for interior wall (Lao brand U90)	M2	410	0.5	0.5	410
2	Emulsion paint 3 coats for exterior wall (Lao brand U90)	M2	300	1	0.5	450
3	Enamel paint 3 coats for door frame and panel (Lao brand U90)	set	24	2	1.8	91.2
4	Enamel paint 3 coats for door frame and panel (Lao brand U90)	set	48	2	1.8	182.4
Sub total cost for painting work						1,133.6

IIIX. Toilet block (3 UNITS) work and material

1	Excavation for footing 0.8x0.8x1.00 m	M3	6.5		10	65
2	Excavation of soil for wall and ground beam around the building	M3	2		1	2
3	Back filling of soil for the footings	M3	6		3	18
4	Sand Back filling in the building by water	M3	5		2	10
5	Supply and install septic tank RC pipe DN=1.00m,including excavation ,backfilling ,ventilation, filtration .	set	8	40	10	400
6	Brick wall 20cm under ground beam	M2	6	15	4	114
7	Brick wall 10cm,masonry water tank with inside and out	M2	70	8	2	700
8	Supply and install roofing completed	M2	40	15	5	800
9	Supply and install frame of doors and doors	Set	3	100	6	318
Sub total cost for toilet block						2,427