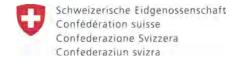
Dehabilitation of Public Hospital



Projects library of the specialized group for construction

#### **PUBLIC BUILDINGS**

Project	Health - Renabilitation of Public Hospital	
	(currently under construction)	
Project name	Extension and Rehabilitation of CMA Kossodo, Ouagadougou	
Country	Burkina Faso	A OU
Region/town	Nongr-massom, Ouagadougou	2000
GIS data (WGS 84)	12°25′ N / 1°28′ W	
Project type	Extension and Rehabilitation	
Typology	Individual single storey units	The state of the s
Approach	Mandated planning office, invited tender, contracted builder and supplier of special equipment	
Beneficiaries	Ministry of Health	
Climate	Hot, humid	VUE D'ENSEMBLE DU PROJET
Special constraint	Hospital in operation during entirety of construction period	The state of the s
start / end of project	Planning: Oct – Dec 2009 Construction: Feb – July 2010 (planned)	
Country GNP	\$ 1'200/pa (est. 07/2009)	n n n m

### **Partners**

Organization (donor) Financed and implemented: SDC Humanitarian Aid

GO partners Government of Burkina Faso

### **Context to project**

Initial Situation Following floods of Sep 2009 identified as needing urgent upgrading and

capacity increase

Goals, Beneficiaries

Goals: Capacity increase for in-patients from total 36 to 120 beds; general

expansion/upgrading of facilities (i.e. maternity ward, operation theatres,

reception, bedding tract

Beneficiaries: general public (population of health district approx 200'000

plus referrals and overflow from other districts)

# **Humanitarian Aid construction group**

Reference data		
Land plot	Approx. m2 34'000	14 main structures (4 new 10 existing)
New construction	4 new main structures (incl. complementation of medical equipment and furnishing) New auxiliary structures	<ul> <li>Reception (Triage)</li> <li>Hospitalization (36 beds)</li> <li>Maternity ward</li> <li>Operation theatre (</li> <li>Covered meeting area (pailotte)</li> </ul>
		<ul> <li>Covered walkways</li> <li>Sentry at main entry</li> <li>Generator shed incl. new 88 kVA generator</li> <li>Latrines (20 cubicles)</li> </ul>
Rehabilitation work	4 existing buildings	<ul> <li>Exist. Maternity block</li> <li>Exist. Operation theater</li> <li>Exist. hospitalization block (24 beds)</li> </ul>
Total project cost	CHF 960'000	(incl. emergency power supply, medical equipment and fees)
Other structures on site	(not included in current project)	<ul> <li>Morgue</li> <li>Meeting/conference hall</li> <li>Communal shelter</li> <li>On-site residence</li> <li>Various incinerators incl. sheds</li> </ul>

## Approach (project is currently under construction)

Tmitial	Cituation
Initiai	Situation

Regional health provision of Ouagadougou district consist of 1 central hospital and 4 district hospital facilities (CMAs Centres Médicales avec Antenne Chirurgical); floods of Sep 2009 temporarily impaired operation of central hospital putting additional pressure onto already insufficient capacities of district facilities particularly those of CMA Kossodo (7 km from town centre)

#### **Approach**

- Sept/Oct 09: SDC assessment missions (FGB, FGMed), preparation of preliminary project by local consultants (architect and medical consultant)
- Nov/Dec 09: finalizing project, preliminary tender documents
- Jan 10: Signing of agreement with BF Govt.; deployment of SHA construction expert; finalizing documents; initiating (invited) tender process
- Mid Feb 10: commencement of construction

#### **Problems/Constraints**

- Weak project planning, management and coordination skills of local enterprises
- Availability of suitably qualified enterprises and personnel
- Cash economy (lack of capital)

#### **Lessons learned**

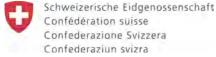
**Evaluation** 

#### Legal framework

Political attachment Agreement between Govt. of Switzerland rep. by SDC and Govt. of Burkina

Faso rep. Minister of economy and Finance

**Type of ownership** Government of Burkina Faso



# **Humanitarian Aid construction group**

Construction information	(indicative unit cost	for new structures only)
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Construction			1	'000 F CFA = CHF 2.50
Structure	Foundations, floor slabs, walls, columns	Concrete	150kg/m3	37′350/m3
			250 + 300 kg/m3 reinforced	83′000/m3
			350kg/m3 reinforced	112′050/m3
			As above (16 cm ceil'g slab)	160′000/m3
	Walls:	Concrete blo	ck rendered 10 cm	4′980/m2
			15 cm	5′810/m2
			20 cm	7′470/m2
	Roof	Zinc sheeting and framing	g complete with all steel trusses (530m2)	12′500/m2
	Earthquake protection			N/A
materials	Floor surface	Ceramic floor	r tiles	9′960/m2
	Doors		ole 1.80 x 2.20 m, metal/glass h all fixtures and lock	378′000/u
	Windows	metal/glass of and safety g	complete with mosquito mesh rill	100′000/m2
	Ceiling	Suspended 1 framing	0 mm ply complete with all	8′300/m2
equipment	Medical equipment	2 ceiling mou	unted scyalitic lamps (Op rms)	4'000'000/U
			s incl. autoclave, installed ly, beds and medical furniture	120′000′000
	Emergency power 88 kVA generator incl. installation supply		rator incl. installation	12′000′000/ u
		Generator sh	ned (4.00 m x 3.20 m)	1′800′000/u

# **Urban planning**

Distance to: villages 200 m

Public transport 500 m

### For further information

Involved SHA construction group consultants	R. Ivan Hauri
Other involved SHA consultants	Marina Marinov, J.P. Stamm (ex FGmed)
Author / Contact:	
Recommended Institutions:	
Recommended partners:	
Recommended books/reports:	
Relevant other projects (links):	