



CLUB DES AMIS DU VILLAGE

A health center to bring health care closer to the population of the Kpangalam - Château district of Sokodé.

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« UNE ORGANISATION DE PROMOTION DE LA FEMME ET DE PROTECTION DE L'ENFANCE »

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I - PROJECT OVERVIEW

Project information	
Location(s)	Togo, Central Region, Tchaoudjo, Sokodé
Duration	Twenty four (24) months
Target population	6,000 inhabitants in 2018
Budget	60 445 370 CFA francs or US\$92 850
Technical partner	NGO CAV
Financial partner	GlobalGiving

II - CONTEXT AND JUSTIFICATION OF THE PROJECT

Improving the health of the population is a very important issue for Togo in the context of the fight against poverty and the achievement of the Sustainable Development Goals. One of the major concerns of the population in general and of women and children in particular, is the difficulty of access to quality health care.

Indeed, diagnostic studies have highlighted the need for health infrastructure in the outlying areas of the city of Sokodé. The coverage of the city of Sokodé in terms of health infrastructures is still insufficient. We note "an insufficiency of sanitary infrastructures, a low vaccination coverage, an insufficiency in prenatal consultation, etc."¹

This is the case of the Kpangalam-Château neighborhood with an estimated population of more than 6,000 inhabitants in 2018 (statistics from the Kpangalam-Château neighborhood Development Committee)

Because of the distance separating them from the nearest health centers, these populations are disadvantaged in terms of urgent health care, hence the need felt and expressed by this community and endorsed by the Prefectural Health Department (DPS) for several years to build a quality health infrastructure in this outlying neighborhood.

In response to this context and in order to bring its contribution to the most vulnerable populations, the NGO CAV proposes, in partnership with GlobalGiving, to implement the present project of support to the realization of a health center in Kpangalam-Château, a suburb of the city of Sokodé?

This project falls within the framework of **Result 2 of the 2021-2025 strategic plan, relating to the reduction of the maternal and infant morbidity and mortality rate by the end of 2025.**

The duration of this project is twenty four (24) months. Its total cost is **sixty million four hundred and forty five thousand three hundred and seventy (60,445,370) CFA francs or ninety two thousand eight hundred and fifty (92,850) US dollars².**

¹ Communal Development Plan of Sokodé /2015-2019, P. 44

² 1\$ US = 651 CFA Francs

III - PROJECT DESCRIPTION

The present project consists in building and equipping a health center in Kpangalam-Château, in a peripheral district of the city of Sokodé

3.1 General objective of the project :

On the one hand, the project will contribute to Plan International Togo's Community Strategic Plan (CSP), which stipulates that "Girls and boys, in particular 126,000 children under 5 years of age and 900,000 adolescents, especially the most vulnerable, benefit from access to high quality health, hygiene and nutrition promotion services and disease prevention adapted to their needs in six health districts of Togo and ;

On the other hand, it will contribute to the strategic outcome of the NGO CAV in health, which is to strengthen the institutional capacities of the NGO and reduce the morbidity and mortality rate of women and children in its intervention zone.

3.2 Specific objectives of the project:

More specifically, it aims to:

Increase access of children and women to adequate health services in the Commune of Sokodé through the construction of the health center and the organizational development of the NGO CAV.

3.3 Results

- Result 1: A health center that meets technical standards is built, equipped and functional in Kpangalam-Chateau for access to quality health care services.
- Result 2: The NGO CAV has strengthened its institutional capacity and technical skills to manage the health center and provide quality service to communities in general and to children and women in particular.

3.4 Main activities planned

Result 1: A health center that meets technical standards is built, equipped and functional in Tchèkèlè for access to quality health care services.

- Activity 1.1 Sensitize the community of Kpangalam-Château about the project. This will help to better understand the stakes and risks of the project and to massively adhere to it in order to anticipate the success and sustainability of the project;
- Activity 1.2 Launch tenders for the recruitment of construction and drilling companies;
- Activity 1.3 Install the water supply system. This will help ensure safe hygiene practices in the health center
- Activity 1.4. Construct a health center in the community of Kpangalam-Château;
- Activity 1.5 Provide medical equipment, furniture and other supplies to the health center.

Outcome 2: The NGO CAV has strengthened its institutional capacity and technical skills to manage the health center and provide quality service to communities in general and to children and women in particular

- Activity 2.1 Provide the NGO with seed money to manage the health center for the first six months of the first year before it becomes operational.
- Activity 2.2 Recruit health personnel.
- Activity 2.3 Start health care services

- Activity 2.4 Organize an institutional self-assessment of the CAV NGO. The assessment will address governance and program management issues.
- Activity 2.5 Implement capacity-building activities following the institutional self-assessment. One of the actions could be the training of PVO staff in management. Some management tools will be developed based on the findings of the self-evaluation.
- Activity 2.6 Periodically monitor project activities
- Activity 2.7 Organize steering committee meetings.
- Activity 2.8 Organize the annual project review
- Activity 2.9 Conduct a financial and administrative audit of the CAV NGO. This will be done one year after the health center is put into service. This audit will make it possible, on the one hand, to ensure compliance with health quality standards and the effectiveness of the achievements, and on the other hand, to draw people's attention to possible risks and improve the management of the risks already noted.

3.5 - Long-term impacts of the project:

The establishment of the health center will have as long-term changes:

1. Disease prevention and health care are provided for the benefit of the population;
2. Maternal and infant mortality is reduced in this community;
3. Geographic and health care accessibility disparities are reduced;
4. Population health has improved;
5. The NGO CAV has the means to operate;
6. Development of preventive activities through information, education and communication campaigns;
7. The availability of equipment and qualified personnel will allow the clinic to function effectively and efficiently, which will ensure the sustainability of the center.

These impact elements above have already been observed by the NGO CAV in a similar project in the health district of Tchamba, from 2017 to 2019, with technical support from Plan International Togo and financial support from Plan International USA.

In this project entitled: "Improving access to health care in Tchèkèlè in the Tchamba Health District", the following activities were carried out

- Construction of a Medical-Social Center co-managed with the Ministry of Health;
- A borehole equipped with an electric pump and a water tower to supply the center;
- Equipping the Medical-Social Center with furniture and medical equipment;
- a profitability study of the Medical-Social Center to be built in order to ensure its economic, technical and social viability;
- support for the establishment and capacity building of a Management Committee for the Medical and Social Center;
- the organization of a free campaign on blood pressure measurement, blood sugar control and deworming of children under 5 years old;
- the organization of a free campaign on Hepatitis B screening, Rhesus grouping;
- Follow-up and medical care for women, men and children screened who are ill;
- Capacity building for the staff of the "Tchèkèlè" Medical and Social Center and the NGO CAV on the rights of adolescents and young people to Sexual and Reproductive Health and to services adapted to the needs of young people.

3.6 - Project beneficiaries and targets

- 1,278 target women for family planning;
- 222 pregnant women or expected pregnancies;
- 198 expected births;
- 1,212 Children under 5 years old: 630 girls and 581 boys;
- 1,860 young adolescents aged 10 to 24;
- 1,560 women, 1,400 men, 484 girls and 446 boys (based on attendance at the nearest health center);
- Medical staff (1 State Certified Nurse, 1 Auxiliary Midwife, 1 Midwife, 1 Laboratory Technician, 1 Pharmacy Manager and 1 Security Officer);
- Management Committee composed of women and men from the beneficiary community.

IV - MONITORING AND EVALUATION

4.1 Baseline study / Baseline study:

Data collection will focus on updating the situation of health center attendance, access to adequate health care, for example. This study will be both quantitative and qualitative, and will provide data on indicators that will be used to measure the project's impacts.

4.2 Monitoring by GlobalGiving:

Monitoring will consist of frequent field visits and informal contact with the CAV NGO and the community or through other monitoring systems as determined by the GlobalGiving partner.

4.3 Monitoring by the Regional and Prefectural Health Directors:

Ensure that the health center is built according to the national health system and that care at the health center meets national and World Health Organization standards. They will also invite the health center staff to participate in training sessions organized by the Ministry of Health. The project will support the Regional and Prefectural Directorates and ensure that their monitoring visits are frequent and effective.

4.4 Community Monitoring :

Community monitoring will be carried out mainly by the Neighborhood Development Committee.

4.5 Annual project review:

The annual review of the project will be conducted in a participatory manner and will take place at the end of the year in the form of an annual self-evaluation. All stakeholders involved in the project will actively participate in the annual review.

4.6 Final Evaluation:

GlobalGiving may conduct an external evaluation of the project at the end of the second year. In addition to the achievement of project objectives, the evaluation will identify changes in the beneficiaries and the NGO CAV, as well as outcomes and synergies between these actors that are critical to the success of the project.

4.7 Coordination:

In order to ensure effective management of this project, a steering committee will be established; its role will be to:

- Ensure effective coordination of project activities;
- evaluate the difficulties encountered during the implementation, and seek appropriate solutions;
- Review and analyze the annual progress report of the activities;
- ensure effective preparation for the annual project review.

The steering committee will be composed of 9 people: 2 members of GlobalGiving if possible, 2 from the health departments (District and Regional), 2 from the NGO CAV and 3 from the community. This committee will also contribute to the definition of learning issues and the agenda, in order to support and organize learning alongside project implementation. Learning will focus on outcomes, strategies and best practices that improve the health of community members.

V - SUMMARY OF IMPLEMENTATION

5.1. Action plan

N°	ACTIVITIES (A)	PERIOD (PER QUARTER)								RESPONSIBLE	
		YEAR 1				YEAR 2					
		1	2	3	4	1	2	3	4		
A1.1	Sensitize the community of Kpangalam-Château										NGO CAV
A1.2	Develop and issue tenders										NGO CAV
A1.3	Install the water supply system.										NGO CAV / Companies
A1.4	Build a health center in the community										NGO CAV / Companies
A1.5	Provide medical equipment, furniture and other supplies to the health center										NGO CAV / Companies
A2.1	Provide the NGO with seed money to run the health center for the first 6 months of the first year before it becomes operational										GlobalGiving
A2.2	Recruitment of health care staff										NGO CAV
A2.3	Start health care services										NGO CAV
A2.4	Organize an institutional self-assessment of the CAV/ NGO										NGO CAV / Consultancy
A2.5	Implement capacity-building activities following the institutional self-evaluation										State actors / NGO CAV / GlobalGiving
A2.6	Periodic monitoring of the project										State actors / NGO CAV / GlobalGiving
A2.7	Meetings of the steering committee.										State actors / NGO CAV / GlobalGiving / Community
A2.8	Annual review of the project										State actors / NGO CAV / Community
A2.9	Financial audit and evaluation of the project										NGO CAV / Community / GlobalGiving

5.2 Roles and Responsibilities

GlobalGiving

- Mobilize and allocate funds for the implementation of the project.
- Support capacity building of the CAV NGO and transfer of skills to ensure sustainable management of the project.
- Participate (if possible) in project meetings.
- Ensure that child protection and community rights are taken into account before, during and after the project.

- Participate in project monitoring/supervision, evaluation, and auditing/oversight missions.

NGO CAV

- Ensure the proper functioning and transparency in the management of the medical-social center.
- Participate in the implementation of all project activities
- Ensure the respect and application of the governmental norms and policies in force in the field of health.
- Ensure consistent cost recovery for the health center.
- Ensure the regular and timely payment of employee salaries
- Facilitate monitoring by local health authorities (district and regional level etc.)
- Provide the health authorities with all information on the activities of the center;
- Participate in activities organized by the health authorities at the regional and district levels.
- Participate in meetings of the project steering committee.
- Produce annual financial statements to GlobalGiving and donors.

Regional and Prefectural Health Directorates

- Provide technical support to the health center
- Monitor the implementation of the project
- Organize monthly visits to the health center for technical support to the NGO
- Participate in meetings of the project steering committee.
- Facilitate the obtaining of necessary official documents for the NGO regarding the project.

Beneficiary communities

- Participate in the identification of the site
- Ensure community mobilization around project activities and regular attendance at the health center
- Participate in the establishment of the various management / monitoring committees
- Participate in the monitoring and evaluation of the project
- Mobilize local resources

VI - L'EVALUATION DES RISQUES

VI - RISK ASSESSMENT

Risks	Evaluation (low / medium / high)	Risk mitigation measures
Inadequate monitoring of project activities due to poor stakeholder involvement and lack of a permanent framework for stakeholder consultation during project implementation could lead to certain problems. These problems could be non-compliance with technical requirements, misappropriation of funds, waste of resources, delays in the project, poor quality of work and equipment that would lead to	medium	- Increasingly involve the district and the Regional Health Directorate in monitoring construction - Increase communication among project stakeholders - Create a framework for ongoing dialogue throughout the project.

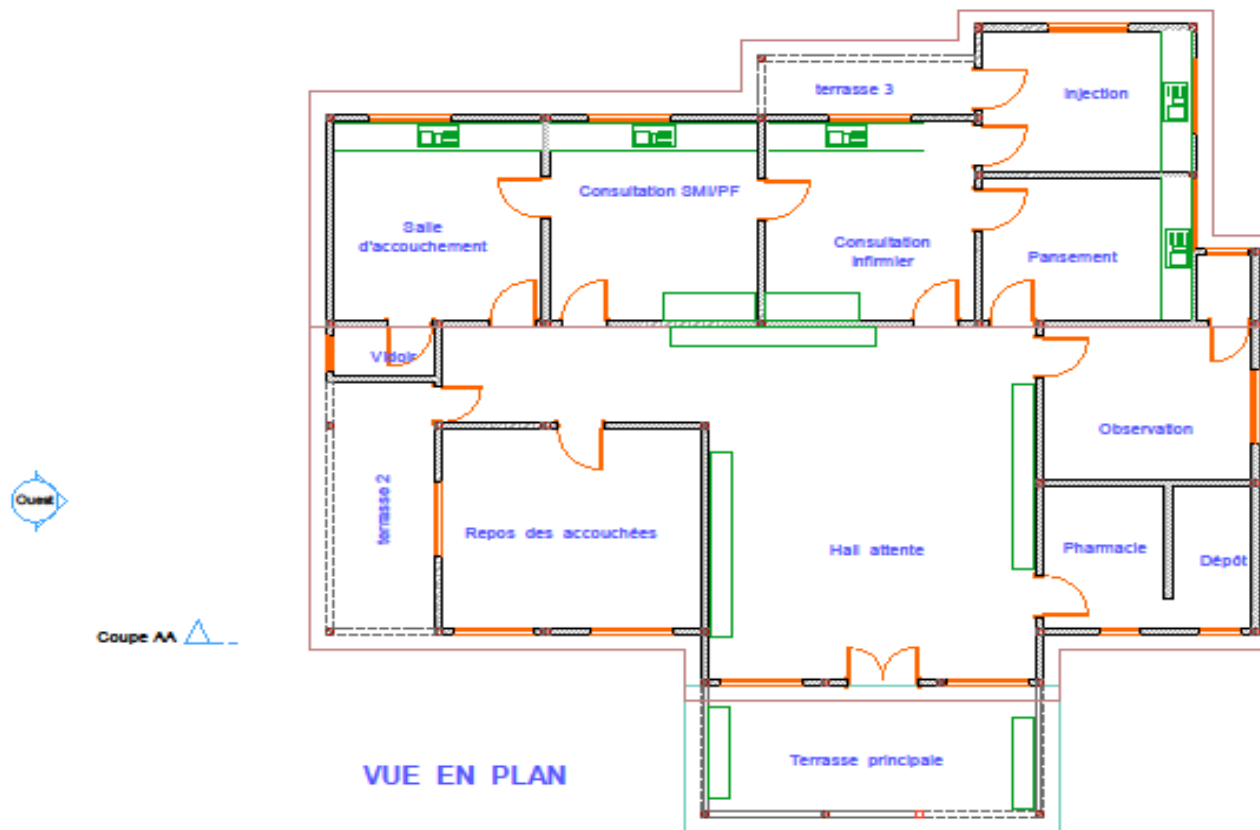
Risks	Evaluation (low / medium / high)	Risk mitigation measures
loss of donor confidence, and finally, termination of project funding.		
The poor exchange of information between community actors regarding the selection and acquisition of the site for the construction of the Center could lead to land conflicts and undermine social cohesion and ownership of the project by the beneficiary. This would lead to the failure of the project.	medium	<ul style="list-style-type: none"> - Increase communication and exchange between stakeholders on the selection and acquisition site community - Ensure the support of the acquisition of the site by legal documents / legal (sale, topography, plan reference approved by the departments concerned ...)
The assignment of unqualified staff would lead to the non-attendance of the center by the target populations, which would lead to the failure to achieve the objectives of the project and the closure of the center.	medium	<ul style="list-style-type: none"> - Formalize a contractual agreement with clear commitments from the stakeholders (NGO CAV and the Health Department) - Organize awareness sessions for the populations of Kpangalam-Chateau and its surroundings to attend the center after its construction.
Non-compliance with management procedures by the project management committee would lead to mismanagement of the Center's resources and ultimately have a negative impact on the sustainability of the project.	medium	<ul style="list-style-type: none"> - Formalize a contractual agreement with clear commitments from the stakeholders (NGO CAV and the Health Department) - Organize awareness sessions for the populations of Kpangalam-Chateau and its surroundings to attend the center after its construction.
Non-compliance with clauses relating to the partnership between GlobalGiving and the NGO CAV	low	<ul style="list-style-type: none"> - Develop and sign a clear framework for collaboration regarding the partnership - Plan and organize periodic review/evaluation of the partnership between GlobalGiving and the NGO CAV and other stakeholders
Low community participation among adults during the construction of the Center and the use of children in place of adults (child abuse) in the project work would show a lack of respect for children's rights, and this may affect the quality of the projects.	medium	<ul style="list-style-type: none"> - Strengthen the capacity of the management committee in traditional management procedures. - Raise awareness and train stakeholders on child protection

APPENDICES

- 1. CONSTRUCTION DRAWING**
- 2. PROJECT BUDGET**



CLUB DES AMIS DU VILLAGE





BILL OF QUANTITIES AND ESTIMATES FOR THE CONSTRUCTION OF THE HEALTH CENTER

N°	DESIGNATIONS	UNIT	QUANTITY	UNIT COST	AMOUNT (F CFA)	AMONT (Dollar)
I-	PREPARATORY WORKS					
1-	Installation and removal of the site	ff	1	500 000	500 000	768
2-	Cleaning of the site	m ²	512	100	51 200	79
3-	Setting up of the store	ff	1	50 000	50 000	77
4-	Metal signage of the work	ff	1	110 000	110 000	169
5-	Identification panels of the site	ff	1	85 000	85 000	131
	TOTAL I				796 200	1223
II-	GROUNDWORK					
1 -	Foundation pit excavation	m	41	1 500	61 500	94
2-	Gully excavation	m ^o	35	1 500	52 500	81
3-	Backfill from excavations	m ^o	42	1 000	42 000	65
4-	Backfill made of laterite	m ^o	64	4 500	288 000	442
	TOTAL II				444 000	682
III-	MASONRY					
1-	0,12 hollow aggro masonry for elevation	m ²	512	4 800	2 457 600	3775
2-	0,10 hollow clinker masonry for steps	m ²	15	4 800	72 000	111
3-	0,15 solid clinker masonry for foundation	m ²	193	5 500	1 060 950	1630
4-	Construction of a 60 cm gully protection base in cinder block including plastering and aggregate layer all around the building	ml	42	6 500	273 000	419
5-	construction of a bench ā the maternity ward including laying of tiles	ml	18	50 000	900 000	1382
6-	Hollow body for v�eranda slab	m ²	27	7 500	205 200	315
7-	Agglos of 10 full for acrat�eres	m ²	8	4 800	39 360	60

8-	Supply and installation of cloustras on vèranda	m ²	11	6 500	68 250	105
9-	Coping of 5cm on claustras	m ^o	0	80 000	16 000	25
	TOTAL III				5 092 360	7822
IV	CONCRETE AND REINFORCED CONCRETE					
1-	Bèton de propretè dosè à 150kg/m3	m ^o	4	50 000	190 000	292
2-	Reinforced concrete for point footings à 350kg/m3	m ^o	7	95 000	655 500	1007
3-	Reinforced concrete for sill dosed at 350kg/m3	m ²	5	85 000	399 500	614
4-	Reinforced concrete for columns dosed at 350kg/m3	m ^o	6	95 000	532 000	817
5-	Reinforced concrete for high chain-link dosed 350kg/m3	m ^o	7	85 000	582 250	894
6-	Lightly reinforced concrete dosed at 200kg/m3 for floor paving	m ^o	15	65 000	968 500	1488
7-	Construction of concrete seats with all the necessary requirements	ml	20	10 500	210 000	323
8-	Non-reinforced concrete for cupboard slabs at 350kg/m3	ml	5	70 000	350 000	538
9-	Stairs of 03 steps	m ²	12	2 000	24 000	37
10-	Reinforced concrete for veranda roof slab	m ²	27	6 000	164 160	252
11-	Stairs of three steps	m ²	12	2 000	24 000	37
	TOTAL IV				4 099 910	6298
V-	COATING					
1-	Horizontal coating under the terrace slab	m ²	17	1 600	27 200	42
2-	Vertical plastering on interior and exterior walls	m ²	795	1 600	1 272 000	1954
3-	Supply and installation of tiles 20 X30 faïence to the interior walls of height of 1,8m	m ²	230	8 000	1 840 000	2826
4 -	Supply and installation of 30X30cm porcelain stoneware tiles on the floor throughout the building	m ²	238	8 000	1 904 000	2925
	TOTAL V				5 043 200	7747

VI	WOODWORKING					
1-	Supply and installation of roofing in 0.25mm steel tray including hardwood frame and all subjuries	m ²	280	12 000	3 360 000	5161
2-	Supply and installation of a 4mm plywood ceiling including solinage and all subjuries	m ²	200	5 500	1 100 000	1690
3-	Supply and installation of a double leaf metal door of 1.4 X 2.1m with angle iron as a frame including all the necessary requirements	u	1	95 000	95 000	146
4-	Supply and installation of a metal door of 1X2,1m with angle iron as a frame including all the subjuries	u	2	80 000	160 000	246
5-	Supply and installation of a hardwood door of 0,9X2,1m including all subjuries	u	12	80 000	960 000	1475
6-	Supply and installation of a metal door in hardwood of 0.7X2.1m for the room vidoir	u	1	70 000	70 000	108
7-	Supply and installation of window in double leaf naco frame of 1,6 X1,2 m with bar clad with tubes all sujètions	u	11	55 000	605 000	929
8-	Supply and installation of window in double leaf naco frame of 0,8 X1,2 m with bar covered with tubes all sujètions	u	4	27 500	110 000	169
9-	Supply and installation of door ā panels in dry lumber for closets including security locking device	m ²	7	40 000	297 600	457
	TOTAL VI				6 757 600	10380
VII	ELECTRICITY - AIR CONDITIONING					0
1-	Filling and tubing general installation	ens	1	75 000	75 000	115
2-	Supply of bare copper cable of 25mm section for grounding	ens	1	600 000	600 000	922
3-	Reservation for ceiling fans	u	6	2 000	12 000	18
4-	Supply and installation of ceiling fans	u	6	75 000	450 000	691

5-	Supply and installation of split air conditioner of 1.5 hp including dismatic and any other sujétions (Delivery room)	u	1	560 000	560 000	860
6-	Supply and installation of a 120° règlète	u	14	24 000	336 000	516
7-	Supply and installation of 60° règlète	u	10	16 000	160 000	246
8-	Supply and installation of switch	u	18	4 000	72 000	111
9-	Supply and installation of waterproof power socket with PTN ground	u	18	3 000	54 000	83
	TOTAL VII				2 319 000	3562
VIII	SANITARY PLUMBING					0
1-	Supply and installation of various piping supply, evacuation and descent of rainwater receptacle including all the necessary steps	ens	1	80 000	80 000	123
2-	Supply and installation of draining including all the subjuries	u	1	55 000	55 000	84
3-	Supply and installation of porcelain office stamp on flat-bottomed bench of 70 X50 including all the subjuries	u	5	35 000	175 000	269
4-	Supply and installation of soap holder including all necessary steps	u	5	8 000	40 000	61
5-	Supply and installation of towel rack including all necessary requirements	u	5	8 000	40 000	61
6-	Supply and installation of a mirror including all the necessary steps	u	3	12 000	36 000	55
7-	Supply and installation of siphon on the ground including all subjuries	u	5	6 500	32 500	50
g	Construction of septiac tank of 20 used for sanitary block	u	1	400 000	400 000	614
9-	Construction of lost well including all the necessary steps	u	2	150 000	300 000	461
10-	Construction of a watertight sump for a 2m diameter and 2.5m deep drain	u	1	200 000	200 000	307

11-	Construction of masonry manhole	u	4	5 000	20 000	31
12-	Sanitary block of 2WC (man and woman) of 1,2X 1,8 and a shower of 1,4X1,8 for woman; sheet metal at 2,6 m high, tiled in porcelain stoneware on the ground and faience on the walls of shower at 1,80m high including 3 metallic doors	ff	1	1 050 000	1 050 000	1613
13-	Connection network from the well to the sanitary block	ff	1	100 000	100 000	154
14-	Tap at the entrance	u	1	7 500	7 500	12
15-	Supply and installation of a complete English toilet including all the necessary requirements	u	2	85 000	170 000	261
16-	Supply and installation of shower column	u	1	35 000	35 000	54
17-	Construction of a MonFort type incinerator	u	1	1 500 000	1 500 000	2304
	TOTAL IX -				4 241 000	6515
IX	PAINT SLURRY					
1-	Grey vinyl paint on base	m ²	65	1 800	116 280	179
2-	Vinyl paint on interior and exterior walls and ceiling	m ²	1 090	1 800	1 962 000	3014
3-	Oil paint on woodwork	m ²	76	2 500	189 000	290
	TOTAL IX				2 267 280	3483
GENERAL TOTAL					28 793 270	44 229

BILL OF QUANTITY AND ESTIMATE FOR THE WATER DRILLING OF THE HEALTH CENTER

N°	DESIGNATION	UNIT	QUANTITY	UNIT COST	AMOUNT (F CFA)	AMONT (Dollar)
I	STUDY OF THE IMPLANTATION OF THE DRILLING					
1,1	Hydrogeological and geophysical investigation	U	1	250 000	250 000	384
	Sub total I				250 000	384
II	INSTALLATION AND REMOVAL OF THE SITE					
2,1	Preparation, general installation and removal of equipment	FF	1	650 000	650 000	998
	Sub total II				650 000	998
III	DRILLING					
3,1	Installation and dismantling of the drilling workshop	U	1	65 000	65 000	100
3,2	Drilling in the air, water and foam alteration formations, including installation and removal of temporary casing with a diameter of 9"7/8	ML	25	20 000	500 000	768
3,3	Down the hole hammer drilling to diameter 6"1/2	ML	60	18 000	1 080 000	1659
	Subtotal III				1 645 000	2 527
IV	DRILLING EQUIPMENT					
4,1	Supply and installation of full PVC pipes of diameter 126/140mm including screwed PVC plugs obstructing the bottom of the settling pipe	ML	60	24 500	1 470 000	2258
4,2	Supply and installation of PVC strainer pipes of diameter 126/140mm	ML	20	14 000	280 000	430
4,3	Supply and installation of siliceous gravel calibrated to (2-4mm) above the strainers	U	1	25 000	25 000	38

4,4	Supply and installation of expanding clay over 2m	U	1	25 000	25 000	38
4,5	Isolation of the overburden by backfilling, cementing of the upper 6m of the annular space, PVC above ground of 0.7m minimum, closing of the borehole with a padlocked metal cover	U	1	10 000	10 000	15
	Sub total IV				1 810 000	2 780
V	DEVELOPMENT OF THE WELL					
5,1	Development of the borehole with air lift for 2 hours until clear water is obtained	FF	1	50 000	50 000	77
	Sub total V				50 000	77
VI	PUMPING TEST					0
6,1	Displacement, assembly and disassembly of the pumping test device, pumping for 4 hours and observation of upwellings (1 hour)	FF	1	20 000	20 000	31
6,2	With driving force	H	6	50 000	300 000	461
6,3	Without motive power	H	1	50 000	50 000	77
6,4	Disinfection of the well with calcium hypochlorite	U	1	10 000	10 000	15
	Subtotal VI				380 000	584
VII	WATER ANALYSIS					
7,1	Physico-chemical analysis in the laboratory: Collection, conservation and transport of two one-liter samples, one of which is acidified with hydrochloric acid	U	1	65 000	65 000	100
7,2	Bacteriological analysis in the laboratory: Collection, conservation and transport of one liter of water sample in a sterilized container and bacteriological analysis	U	1	65 000	65 000	100
	Sub total VII				130 000	200

VIII	ELECTRO-MECHANICAL PUMP AND PLUMBING EQUIPMENT					
8,1	Electric pump kit for 2.3m ³ /h@90m HMT complete with its command and control box including the electric system, installation of the pump and hydraulic and electric connection accessories.	U	1	2 700 000	2 700 000	4147
8,2	Installation of polytank of 3 cubic meters	U	1	450 000	450 000	691
	Sub total VIII				3 150 000	4 839
IX	CONSTRUCTION OF SUPERSTRUCTURE					
9,1	Construction of a superstructure of 6,00m height. Closed base with door	U	1	1 155 000	1 155 000	1774
	Sub total IX				1 155 000	1 774
TOTAL AMOUNT					9 220 000	14163

BILL OF QUANTITIES AND ESTIMATES OF EQUIPMENT FOR THE HEALTH CENTER PROJECT

N°	DESIGNATION	UNIT	QUANTITY	UNIT COST	AMOUNT (F CFA)	AMONT (Dollar)
1	Premium quality blood pressure monitor	u	3	25 000	75 000	115
2	Personal scale with toise	u	1	120 000	120 000	184
3	Bathroom scale with toise	u	3	60 000	180 000	276
4	HD medical mattress covered with skay	u	5	65 000	325 000	499
5	Rectal thermometer	u	10	2 500	25 000	38
6	Hygienic pedal bucket	u	6	45 000	270 000	415
7	Plastic bucket	u	6	2 500	15 000	23
8	Galvanized bucket 20 liters	u	3	3 500	10 500	16
9	Stainless steel rectangular tray (22×14)	u	2	12 000	24 000	37
10	Stainless steel rectangular tray (28×15)		2	30 000	60 000	92
11	Tumbler	u	5	1 500	7 500	12
12	Sheet 1 place 100 % white color	u	15	3 500	52 500	81
13	Clamp box (Complete small surgery box)	u	3	45 000	135 000	207
14	Gynecological bed	u	1	850 000	850 000	1 306

15	Sterilization doll	u	2	45 000	90 000	138
16	Stainless steel vaginal speculum	u	4	12 000	48 000	74
17	Stethoscope of pinard	u	3	4 500	13 500	21
18	Tape measure	u	3	1 500	4 500	7
19	Alarm clock (Wall clock with needle = alarm clock)	u	3	5 000	15 000	23
20	Baby scale	u	2	55 000	110 000	169
21	Urinal (bedpan women 3 units, men 1 unit) in stainless steel	u	4	12 000	48 000	74
22	Delivery jet	u	3	70 000	210 000	323
23	Bean basin GM	u	2	12 000	24 000	37
24	Bean basin PM	u	2	8 500	17 000	26
25	Metal delivery table of artisanal type including mattress and accessories with autonomous step ladder	u	2	150 000	300 000	461
26	Apron and protective glasses	u	3	15 000	45 000	69
27	Mosquito net 1 place	u	15	8 500	127 500	196
28	Grouping reagent	u	3	45 000	135 000	207
29	Hemocu 301 for TH1 with microcuvettes	u	1	35 000	35 000	54

30	Malasez cell with lamellae	u	1	40 000	40 000	61
31	Reagent for SWF with platelets	u	1	45 000	45 000	69
32	Reagent (Strip) for Hepatitis B Test (B/50)	u	3	45 000	135 000	207
33	Cover slips B/100	u	4	25 000	100 000	154
34	Reagent for Z-Test Strips B/50	u	1	40 000	40 000	61
35	Lancets B/100	u	10	35 000	350 000	538
36	Cover slip B/100	u	10	25 000	250 000	384
37	ETDA tube B/100	u	10	15 000	150 000	230
38	Blood glucose meter	u	1	150 000	150 000	230
39	Calculator	u	3	2 500	7 500	12
40	UNISCAL scale	u	2	35 000	70 000	108
41	Canopy	u	2	35 000	70 000	108
42	Cart	u	2	65 000	130 000	200
43	Otoscope	u	2	150 000	300 000	461
44	Examination table	u	2	850 000	1 700 000	611

45	Tongue depressor	u	1	25 000	25 000	38
46	Vacuum cleaner	u	1	85 000	85 000	131
47	Binocular Electric Microscope brand Dympus	u	1	240 000	240 000	369
48	Syphilis strip B/50	boite	1	50 000	50 000	77
49	Albumen-sugar strip 2 parameters B/50	boite	2	40 000	80 000	123
50	Bile salt reagents - bile pigment	boite	1	65 000	65 000	100
51	10-hole centrifuge	u	1	120 000	120 000	184
52	Dry tube (Hemolysis tube) B/100	u	100	3 500	350 000	538
53	Immersion oil 100 ml	litre	1	65 000	65 000	100
54	Geimsa rapid	litre	1	85 000	85 000	131
55	Cell counter	u	1	35 000	35 000	54
56	Honed blades	boite	2	12 000	24 000	37
57	Ethyl alcohol 70	litre	25	2 500	62 500	96
58	Opaline plate for grouping	u	1	35 000	35 000	54
59	Marker	boite	2	8 000	16 000	25
60	Shaker	u	1	35 000	35 000	54
61	Micropipettes 10 to 100 u	u	1	25 000	25 000	38

62	Floor brush	u	2	2 500	5 000	8
63	Wolf head	u	2	2 500	5 000	8
64	Detergent	kg	5	2 000	10 000	15
65	Squeegee	u	2	2 500	5 000	8
66	Squeegee	u	5	2 500	12 500	19
67	Cleaning glove	paire	4	2 500	10 000	15
68	Bib-boot-cap	ens	5	15 000	75 000	115
69	Timetable	u	2	3 500	7 000	11
70	Bouilloir	u	1	12 000	12 000	18
71	Vidal	u	1	25 000	25 000	38
72	Safety box	u	20	1 000	20 000	31
73	Ultrasound scanner of the 3D image type (voltage: 220 to 240 V; frequency 50 Hz; brand: SIEMENS or ALOKA)	u	1	3 500 000	3 500 000	376 ⁵
GENERAL TOTAL					11 993 500	18 423

BILL OF QUANTITY AND ESTIMATE OF FURNITURE FOR THE HEALTH CENTER PROJECT

N°	DESIGNATION	UNIT	QUANTITY	UNIT COST	AMOUNT (F CFA)	AMONT (Dollar)
1	Chair made of well-walled and dry premium quality faux teak with curved seat made of varnished hardwood	U	15	25 000	375 000	576
2	Table made of first quality wall and dry false teak lumber, size of the top 1,20 m x 0,72 m height 0,78 m	U	8	45 000	360 000	553
3	Two (2) winged cupboard in first quality false teak lumber (height: 1.80 m, width: 0.90 m and depth: 0.50 m) with 4 identical compartments with a good varnish finish	U	3	180 000	540 000	829
4	Step stool (stool without back) ordinary	U	3	12 000	36 000	55
5	Rural notice board made of 4 mm plywood, lined with laths and well wormed, including fixing device	U	4	15 000	60 000	92
6	Supply and assembly of shelf in painted beige lumber on two (2) sides of the walls of the pharmacy and the warehouse characteristic: width of board 23 cm height to the ceiling; length on all 2 sides of walls pharmacy and warehouse fixing by means of metal brackets	U	6	22 000	132 000	203
7	Small cupboard in mature and dry false teak wood with three drawers each provided with handle with good varnish finish dimension: (width: 45 cm; height: 65 cm; depth: 45 cm)	U	3	40 000	120 000	184
8	Metal bed 1 place with metal mattress holder including support of mosquito net with beige paint finish on antirust	U	15	165 000	2 475 000	3 802
9	Composite metal serum holder (30 mm square tube and 12 mm smooth iron) with beige paint finish over rustproofing	U	9	35 000	315 000	484
10	Transport for delivery	Ens	1	550 000	550 000	845
TOTAL					4 963 000	7 624

BILL OF ESTIMATE OF THE CENTER'S ESSENTIAL GENERIC DRUGS

N°	DESIGNATION	UNIT	QUANTITY	UNIT COST	AMOUNT (F CFA)	AMONT (Dollar)
1	Paracetamol 500mg tablet	u	20 000	4	80 000	123
2	Paracetamol Pediatric drinkable suspension f/90ml	u	100	600	60 000	92
3	Lysine acetylsalicylate 0.5g injection vial	u	200	500	100 000	154
4	Lysine acetylsalicylate 1g injectable vial	u	300	600	180 000	276
5	Amoxicilin 250mg oral suspension f/60ml	u	50	500	25 000	38
6	Amoxicilin 500mg capsule	u	3000	25	75 000	115
7	Amoxicilin 125mg drinkable suspension f/60ml	u	50	400	20 000	31
8	Cotrimoxazole 240mg oral suspension f/100ml	u	50	500	25 000	38
9	Ampicilin 1g injectable vial	u	300	100	30 000	46
10	Cotrimoxazole 480mg tablet	u	3000	15	45 000	69
11	Ciprofloxacin 500mg tablet	u	3000	30	90 000	138
12	Erythromycin stearate 500mg tablet	u	500	70	35 000	54
13	Doxycyline 200mg tablet	u	300	20	6 000	9
14	Albendazole 400mg tablet	u	500	55	27 500	42

15	Metronidazole 500mg tablet	u	500	15	7 500	12
16	Iron+Folic Acid 200mg /25mg tablet	u	10000	5	50 000	77
17	Tinidazole 500mg tablet	u	500	20	10 000	15
18	Phytomenadione 10mg injectable ampoule	u	300	200	60 000	92
19	Absorbent cotton 100g	u	10	600	6 000	9
20	Perforated secable plaster 5mx18cm	u	10	2 150	21 500	33
21	Ceftriaxone 1g injectable IM-IV vial	u	50	700	35 000	54
22	Serum Glucose 5% Injection Plastic Vial 250ml	u	20	410	8 200	13
23	Serum Glucose 5% Injection Plastic Vial 500ml	u	20	500	10 000	15
24	Serum glucose 10% injectable plastic bottle 250ml	u	30	450	13 500	21
25	Sodium chloride 0.9% injectable plastic bottle 500ml	u	20	450	9 000	14
26	Alcohol 95° solution 1 liter	u	25	1 300	32 500	50
27	Ringer lactate injection plastic bottle 500ml	u	20	500	10 000	15
28	Metopimazine 10mg injection ampoule	u	200	210	42 000	65
29	Oxytocin 10IU injectable	u	300	75	22 500	35
30	Non sterile mefra swabs 10x10cm 4 folds 2/bag	u	100	20	2 000	3

31	Sterile latex surgical glove n°7,5	u	500	210	105 000	161
32	Latex examination glove GM	u	1000	35	35 000	54
33	2 pieces syringe luer Polypropylene 10ml + Needle 21Gx 40mm	u	500	75	37 500	58
34	2 pieces syringe luer Polypropylene 5ml + Needle 21Gx 40mm	u	500	75	37 500	58
35	Polyvidone iodine 10% solution bottle 200ml	u	20	600	12 000	18
36	polyamide monofil dec 3(2/0)90cm F2418 B/36AigFS26mm3/8c	u	20	600	12 000	18
37	Lidocaine 2% chloride 20mg injectable 20ml	u	5	800	4 000	6
38	artemether 80mg injectable ampoule	u	300	500	150 000	230
39	artemether 20mg injectable IM	u	200	500	100 000	154
40	Quinine 600mg injectable ampoule	u	50	300	15 000	23
41	Quinine sulfate 300mg tablet	u	1000	500	500 000	768
42	Betamathasone 4mg injection ampoule	u	20	600	12 000	18
43	Water for injection ampoule 10ml	u	800	75	60 000	92
44	Elastic band 10cmx4m	u	50	450	22 500	35
45	Nystatin 100 000IU gynecological tablet	u	300	40	12 000	18
46	Chlorphenilamine Maleate 4mg tablet	u	1000	5	5 000	8

47	Diazepam 5mg tablet	u	300	2 100	630 000	968
48	Diazepam 10mg injectable ampoule	u	30	110	3 300	5
49	Ibuprofen 400mg tablet	u	1000	15	15 000	23
50	Furosemide 20mg injectable ampoule	u	50	200	10 000	15
51	Furosemide 40mg tablet	u	500	10	5 000	8
52	Gentamicin 0.3% eye drops	u	20	600	12 000	18
53	Polyvalent anti-venomous serum Fav africa grant state injectable	u	10	1 500	15 000	23
54	Cimetidine 400mg tablet	u	2000	15	30 000	46
55	Acetylsalicylic Acid 500mg tablet	u	2000	15	30 000	46
56	CPN booklet	u	300	500	150 000	230
57	CPN Card	u	300	300	90 000	138
58	CPC Card	u	300	95	28 500	44
59	PF Card	u	100	100	10 000	15
60	Receipt booklet	u	10	600	6 000	9
61	Medication Disclaimer	u	10	3 200	32 000	49
62	Receipt ACTE	u	10	3 200	32 000	49
63	General Ledger	u	4	16 000	64 000	98
64	Revenue and Expense Book	u	3	2 500	7 500	12
65	Revenue/Stock Tracking Log	u	3	5 700	17 100	26
TOTAL					3 445 100	5 292

BUDGET OVERVIEW

N°	DESIGNATIONS	AMOUNT (F CFA)	AMONT (Dollar)
1	CONSTRUCTION OF THE INFRASTRUCTURE	28 793 270	44 229
2	DRILLING	9 220 000	14 163
3	EQUIPMENT	11 993 500	18 423
4	FURNITURE	4 963 000	7 624
5	PHARMACEUTICAL PRODUCTS	3 445 100	5 292
6	OTHERS	2 030 500	3 119
GENERAL TOTAL		60 445 370	92 850