

THE CATHOLIC DIOCESE OF MBULU

DAREDA DESIGNATED HOSPITAL FOR BABATI COUNCIL

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FUND REQUEST ON DEVELOPMENT OF WATER PUMP PROJECT

17.09.2012



1. INTRODUCTION:

Dareda Hospital founded by the Medical Missionaries of Mary – MMM – in 1948 was a small clinic providing health care. Since 1948, there has been a philanthropy and cooperation of different people within and outside the country side of Church and State organizations as well as donor's organizations such as Misserior, SolidarMed, Action Dareda Tanzania, AIDS Relief and Angaza. Recently, the hospital received funding for the rehabilitation of the main building of the maternity, the theatre building, the Mortuary with a large-scale refrigeration, water pump and modern medical equipment. Dareda Hospital would sincerely thank and recognize all the assistance of donors.

2. ACHIEVEMENTS:

Due to the partnership with international donors, there has been great improvement in the delivery of health services in various fields.

In addition to all the other achievements, the hospital must be grateful to French association, ADT Action Dareda Tanzanie, who has planned the pump for clean water to the entire hospital and staff houses. Care has improved the lives and survival of patients and staff is efficient at work. This service has been sustained for a year and the hospital has significantly benefited. This helped preventing outbreaks of diseases transmitted through water. The hospital also had fresh water for the production of water drip (infusion unit). The brewing unit generated revenues for Dareda hospital, health centers and dispensaries in the area.

Finally, the hospital must be grateful for everything because it probably would not be able to complete without the help of donors and organizations. In terms of services and gaps that might occur in the future partnerships, we sincerely acknowledge the humanitarian organization is very important and we must continue. Dareda hospital strives enhance cooperation in the future.

3. WATER PUMP CHALLENGES:

i) One of the major projects that Dareda Hospital would like to implement is the relocation of a pump to provide water in sufficient quantity and quality for the entire hospital. After providing water for one year, the water pump caused a large error and fails to function. This is currently supplied by an old pump which is not enough and whose flow is very limited and may soon no longer function (recurring failures announcing the end of its life). Due to lack of water in the hospital, the hospital has struggled to find water regardless of water safety.

ii) The source of the problem:

The hospital had anticipated the end of life of the old pump, launched in 2009 a project for a new drilling and installation of a new pump. This pump fed throughout the hospital and houses (around ~ 900 persons). However, the original drilling company has not done the job properly. This facility has been poorly conducted (holder of the pump inadequate, not good filter, and undersized electrical protection). The filter could not keep the sand that is inserted into the water and causing a heavy load on the engine, and resulted in overheating of the pump motor.

The rope of the pump was too weak for the delivery of materials and the equipment sank deeper and deeper into the pit, and this, at great expense. The company also has not restored the entire well when the problem occurred.

It was therefore necessary to reassemble the pump. The engine was change, but the pump has not suffered severe damage, the max speed is lowered as ~ 10% (11m³/ha 10m³/h) and can be reinstalled.

iii) The solutions to this problem:

a. Looking for another company that has the ability, proven expertise and accepted to an appropriate infrastructure for cost-effectiveness, and rehabilitation setting when a problem arises.

b. Find donors inside and outside the country to make the project sustainable for better water services for patients and staff and to prove that this project needs a lot of funds where it will probably be a burden on the charity of one or the hospital itself.

c. Ask the government to support the project of water resources with special hospitals budget (eg Basket Fund) and to repair the water well.

d. This water project is a sustainable solution to the water problem in the hospital Dareda for all other water sources began to dry up and have some water. For the population, it is not sufficient either. We therefore asked Associations support to solve this problem, we promised to make every effort to eliminate the water problem.

4) CONCLUSION:

Hence our request to fund the relocation, Dareda hospital has not sufficient funds at this time. The problem of water also brings additional costs to the hospital by using car fetch water more than 5 km from the hospital.

So we hope that you will support our hospital in the implementation of this solution to provide hospital

water for the continuation of a quality service to patients that welcomes and population living near the hospital everyday.

Finally, we are grateful to these donors who were committed to bid improvement in Dareda Hospital and for many successful. We pledged to cooperate closely in the future to improve health care for patients with hospital-wide. We invite any time to come in Dareda Hospital Catholic Diocese of Mbulu.

Useful appendices estimate the cost of the recovery well on the back.

Thank you very much.

Dareda Hospital, Catholic Diocese of Mbulu



CHEM-CHEM DRILLING COMPANY LTD.
 Water Well Drilling - Hydrogeological Surveying - Pump Testing and Installation - Ground Investigation

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Dareda hospital

27/10/11

P.o.box 247, Babati.

No 1

Pump Installation Quotation

Item No.	Description of Work	Quantity	Measure	Unit Cost	Total Price
1	Mobilisation and demobilisation truck With pump crew				700,000.00
2	To supply grundfos SP14a-25 Complete with 7.5KW,10HP 3phase,drop cable 4mm ² , 4core,Joint kit J1				11,471,590.00
63	Galvanised pipe 2",class B and G.I socket 2"-h/duty	20	pieces	135,000.00	3,422,000.00
4	Deeper line	150 meter			150,000.00
5	<i>Miscellaneous item</i> Clamp, Trade seal, Tubes and Plate				120,000.00
6	Pump test and recovery				400,000.00
7	Installation charge				1,500,000.00
8					
	Sub Total				17,763,590.00
			18%		3,197,446.62
	Total				20,961,036.00¹

¹ Rate: 1 EUR = 2 000TZS / 20,961,036 TZS = 10 481 EUR

No 2

Borehole Flushing

Item No.	Description of Work	Quantity/Metres	Unit Cost TSh/USD	Total Price
1	Mobilization and demobilization of Compressor, Pump tests Crew.	km	sum	1,500,000.00
2	Flushing	0-4 hours	350,000.00	1,400,000.00
3	Pump Test	8-12 hours	100,000.00	1,200,000.00
4	Make final report			100,000.00
	Sub total			4,200,000.00
			VAT	756,000.00
	Total			4,956,000.00²

Note

- Other costs appear twice if the work can be done separately.
- If pump test is done in no 2, the cost in no 1 can't appear and vase versa is true.
- Also you should understand cleaning and flushing in drilling has got the same meaning.
- Cost of year maintenance will be charged mobilization and demobilization of current price of fuel (diesel) and other cost will be charged according to charge in rate of shilling.
- Electricity safety verification, this we get when we buy a pump which contains all the accessories.

Our Terms ;

On acceptance of Quotation and Conditions the client must agree to sign a contract with a 60% deposit prior to commencement of work. The final balance of 40% is payable upon completion of work and final invoice costing.

² Rate: 4,956,000.00 TZS = 2 451 EUR

Payment Terms:

60% - Advance Payment

40% - Immediately on completion of work

Balance payable on the completion of the work after calculation of final invoice.

This quotation is binding for 20 DAYS.

The Law of Contract Act as administered in the Law of Tanzania Act shall be

Applicable, upon signing of Contract Agreement which is intended to create legally binding obligations between the Contractor and the Client

Under our Drilling Licence Permit we will only follow the Policy and Practice of:-

THE WATER RESOURCES ACT 2009



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