

15 SEP 1989

~~SECRET~~
cc - ~~XXXXXXXXXX~~
PD-ABA-359

64392

Mr: Julio SCHLOTTHAUER
USAID / Mozambique
Maputo, Mozambique

Maputo, 12th September 1989

N/REF : 130/MP/89

Dear Mr. Schlotthauer,

This letter will serve as a formal proposal from our organization, Operation Handicap Internationale, to USAID/Maputo as we seek to augment our current operational funding base. We hereby solicit the sum of \$330,000 as a grant under your new Prosthetics Assistance Project with the following justification (also see Annex 1, our Capability Statement, and Annex 2, our provisional materials for the new Physical Therapy course as will the staff who will be involved with).

1). Technical Assistance : We request your financial assistance in providing \$180,000 towards OHI's operational budget in support of 6 person/years of technical assistance, to be deployed in our existing and new prosthetics workshops in 3 provinces (Inh, Tete, Nam), These technicians, prosthetists and orthotists, are volunteers with OHI; we calculate roughly \$30,000 in support of each person/year. We already have 7 OHI professionals on the ground; your grant will enable us to continue their work as well as bring in replacements or additional staff as warranted.

The 30,000 per person/year will be used for field allowances, establishment costs, insurance, overseas transport, head quarters communication,

Approx. translation

/...

Siège National
18. Rue de Gerland 69007 Lyon - France
Tél.: 78 6117.37 C.C.P. 508 11 C.L. on

Delegação em Moçambique -- Tel: 34697 -- Telex: 6-075
Av. Zedequias Manganhela N.º 510 5.º andar
Apartamentos C.D.E e F -- C. Postal: 4331 -- MAPUTO

management and supervisory visits, minimal benefit... etc, as well as contribute to OHI's overhead operations costs in country.

As you know, our technicians are involved not only in the production of prosthetics and orthotic devices and physiotherapy training at provincial level, but also spend a bulk of their time training counterparts. They work in close collaboration with various local partners, including the Ministry of Health and its representatives, the Department of Social Welfare, the Moz. Assoc of Disabled... They are also involved in feasibility studies, information networks, follow up activities for patients, research in to appropriate technological materials for production, and administration of the centers. ETC ETC

Annex 1 will give you more details on the work of our technicians.

2). Physical Therapy Pre-Service Training Course : We request your financial assistance in providing a contribution of \$150,000 toward the establishment and implementation of the new 3-year MUH-sanctioned physical therapy course. While we calculate the total sum of the course to be in the neighborhood of \$480,000 , your contribution will be welcome, and we will guarantee the provision of the remaining amount from other donors (we are already in contact with UNICEF and the EEC on this).

Your funds will be used toward the purchase of didactic materials, the salaries of teachers, the upkeep and maintenance of students, the establishment of a classroom center, and....

We envision that this course will begin sometime early in 1990 if we are lucky enough to get all necessary approvals, the first six months will most likely be devoted to basic theory classes. In the meantime, we are working closely with the Ministry of Health and the Physical Therapy Department to go through the usual start-up procedures : First, an official letter from the MUH requesting our collaboration, and then collaborative work to design the course, to establish selection criteria for the students, to recruit the prospective students, to determine the curriculum, to locate appropriate teaching locales, and....

We are confident that this new course will serve well the needs of this country in creating a larger cadre of well-qualified physical therapists who can contribute their skills to the nationwide rehabilitation effort. We envision that the number of physical therapists throughout the country after this 3-year course will increase from roughly 65 to about 95 or 100.

OPERATION HANDICAP INTERNATIONALE : As you know, OHI has been established in Mozambique since 1986 without " Project for the Establishment of Orthopaedics and Functional Rehabilitation Units for Motor Disabled People. Currently we have three workshops in two provinces (Inhambane and Nampula) and soon we will open another one in Tete province (scheduled for January 1990).

Eleven physiotherapists have been trained for 2 years (mid 86 - mid 88) and are working now under supervision of health structures and OHI technicians.

Twenty orthopaedics technicians are still on training, (started mid 86) and by the end of this year, will pass an exam to be graduated at the national level.

From 87 to now, 5 300 patients have received physiotherapy treatment and 2 500 have frequented our workshops.

This project has been evaluated by the health national director, Dr. J. CABRAL (please see letter attached).

In this proposal the budget requested is :

6 P/Y technical assistance \$30,000 each	: 180,000
Physical Therapy course (3 years, begin 1990)	: 150,000
	<hr/>
	330,000

Please find two attachments : Annex 1 is OHI's general Capability Statement of activities here in Mozambique. Annex 2 is our initial conceptualization paper of the forthcoming physical therapy course. Note that when more details have been firmed up concerning the course, we will provide you immediately with that extra documentation.

Thank you very much for your support. Please let us know if we can provide you with any additional information or documentation. We look forward to collaborating with the USAID on the Prosthetics Assistance Project in the coming three years.

Sincerely,

NICOUD, Norbert
Administrator



Approx. translation

c.c : Dr. J. CABRAL (DNS, M.O.H)

3.

- OHI's general capability statement of activities here in Mozambique.

1 - INTRODUCTION

We started our work in MOZAMBIQUE early 1986, within the frame of an emergency intervention of the E.E.C.

The present situation in MOZAMBIQUE is a crucial one : famine, civil war, natural catastrophies and the consequences of a hasty decolonization required the help of the humanitarian aid in this country.

It is not easy to work in MOZAMBIQUE. Because of military security rules, we can move through the country only by the means of private taxi - planes or by regular flights. On roads, the supply convoys are regularly attacked and the inhabitants travel only with great difficulties.

The country lacks of trained staff. A large part of the population is illiterate and the creation of school or health structures is often ruined by the attacks of the "bandidos armados".

In such a context, it is hard to set up a programme for relief structures.

In the field of the help for disabled people, the needs are great. Many people are war amputees; after-effects from fractures are numerous because of non-convenient orthopaedic care and a lot of people, as in the other African countries, suffer from after-effects of poliomyelitis and leprosy.

Nevertheless, despite the war conditions, it is important to observe the existence of an excellent health network throughout the country, and a great desire of spreading the health care system to the remote areas. In such a context, our method is generally well accepted, except the delicate question for the fitting of the veterans with our orthopaedic devices : the political desire of valorizing them being inconsistent with our technical approach.

2 - BRIEF DESCRIPTION OF THE PROGRAMME

Since March 1986, we have been setting up orthopaedic workshops and functional rehabilitation units for motor disabled in Inhambane and Vilanculos. This project was financed with funds of the emergency aid of the E.E.C. and later with funds from other agencies: U.S.A. FOR AFRICA, ACTION AID and the FRENCH COOPERATION.

The present project provides for the provinces of NAMPULA and TETE the creation of a training for local technicians in the field of :

- a simple physical therapy adapted to war amputees, and war pathology
- the production of orthopaedic devices according to the principles of our appropriate technology.

3 - BENEFICIARIES OF THE PROGRAMME

The W.H.O. is of the opinion that the number of disabled amounts to 10% of a global population (all disabilities included). The percentage of motor disabled may be estimated to 3 or 4% of the global population and among them, about a half would benefit from orthopaedic devices or from rehabilitation (which amounts to 1,5 - 2%).

The International Society for Prosthesis-Orthosis, which cares only for orthopaedic devices, considers that 0,8 to 1% from a global population need to be fitted.

According to these standards, we can put forward that, in the country of MOZAMBIQUE (the population of which is valued to 14 millions people), there are 450,000 to 500,000 motor disabled, among them:

- 200,000 to 250,000 may benefit from rehabilitation care,
- 120,000 to 150,000 must be fitted with devices.

Note : In anyway, these estimates must be considered only as an approximate assessment of the needs of the country.

The theoritical data and the monthly reports assess that there is, in the disabilities, a high rate of after-effects from war injuries (amputations fractures, paraplegies...) and from poliomyelitis. Then appear problems of congenital pathology (club-feet, cerebral palsy...) and after-effects from leprosy.

Help to children will be provided owing to an active detection in schools,

maternity hospitals and SMI centers (Mother and Child Health Centers).

The training of Mozambique personnel is a fundamental point of the programme :

- * Training of technicians for the making of orthopaedic devices
- * Training of physiotherapists
- * Training of physiotherapists assistants
- * Complementary training for the health workers of the decentralized structures (seminaries).
- * Complementary training for Mozambican surgeons (and surgery technicians) in order to teach them the basic methods of war surgery.

The close family of the patients (especially their mothers) and their social surroundings will be involved into the rehabilitation process of the disabled person, thanks to a decentralized action and to the learning of simple techniques;

1 - LOCAL PARTNERS

Our various partners :

- * The Ministry of Health and its representatives in the provinces.
- * The E.L.A.T (Department for Action against Tuberculosis and Leprosy).
- * The Social Welfare.
- * Politics and masses movements (associations of workers, of women and of young people).
- * The A.D.M., the Mozambican Association for the Disabled, which is being created.

The units will be located into the hospital centers and integrated into the health system of the country.

- SITUATION TO-DATE, OBJECTIVES

a) Situation to-date

During the exploratory mission of January 1986, it appeared that :

- The only governmental rehabilitation structures were located in MAPUTO (workshop of the I.C.R.R. and various bilateral cooperations).
- At the regional level, there was a considerable need for decentralized health structures, particularly for war injured people and first

aid, but altogether for the adjustment of orthopaedic devices and for rehabilitation care.

We set up in INHAMBANE and VILLANCULOS prosthetics and functional rehabilitation units for motor disabled people. At the present time, there are no such structures in the provinces of TETE and NAMPULA, except a prosthetic workshop of the I.C.R.C.

In the bosom of the population, there is an important problem for identifying children suffering from after-effects of poliomyelitis and from congenital malformations, and for providing them the care they need badly. A specific action is foreseen as an important part of the programme for the spreading of such cares, even if this implementation encounters great difficulties because of circulation and communication problems.

b) Objectives

The creation, into the provinces of TETE and NAMPULA, of units similar to the existing wards in INHAMBANE. These units will fit with devices the motor disabled, especially children and war amputees, according to our so-called "appropriate" technology.

- The formation of a Mozambican staff in the field of functional rehabilitation and of the fitting of motor disabled.
- The creation of short formation missions for Mozambican surgeons, in the field of first aid surgery and war surgery.

Owing to our former experience in the country, we are now able to find out locally and in the borderlands the necessary equipment for the workshops and the essential materials for the production of devices.

6 - PROVIDED MEANS IN ORDER TO MEET THE OBJECTIVES

- * Support will be given to the orthopaedics and rehabilitation we already set up in the province of INHAMBANE.
- * The workshops, which are now overloaded, will be extended. A preliminary study and plans have already been drawn up. The work will be carried out during 1989/90.

* At the requirement of the government and to solve the difficult problem of the lodging of the disabled, we organized the construction of transit centers nearby the workshops. The construction of these centers has been assumed financially by an exceptional grant of the French Embassy in MAPUTO. First, the Ministry of Health wished we would create vocational rehabilitation centers; it became apparent to us that this action was somewhat premature in the present context of the country.

We both agreed that it would be more advisable to build rest-centers where the disabled would live on their traditional way. The centers will be built on sites which will be cultivated by the patients and their families. During their stay in these centers and without having an ambitious educational training, we will try to teach them :

- ° The making of canes, and of sandals made of type rubber,
- ° Basic notions of hygiene and nutrition,
- ° The fittings suitable for the specific environment of disabled people.

We are now in close touch with the Mozambican Association for the Disabled which will take charge of the animation and the management of these small rest-centers.

- HUMAN RESOURCES, MATERIEL AND TECHNICAL MEANS FORESEEN FOR THE IMPLEMENTATION OF THE PROGRAMME

a) Human resources

* Expatriates : Actually 10

- 1 administrative director
- 1 logistician/accountant (office suppressed mid 1989)
- 1 medical coordinator
- 2 physiotherapists
- 3 technicians for orthopaedic devices
- (1 orthopaedic surgeon during short missions)
- 1 architect

* Local personnel :

- 1 logistician assistant
- 1 administrative secretary
- 20 technicians for the production of devices
- 11 physiotherapists

In January 1989; the eleven physiotherapists will be taken in charge by the public utility service.

* Functions of the expatriate staff :

- Administrative director based in MAPUTO
 - . Drawind-up, eventual modifications to the programme
 - . Public relations with the local partners : Ministry of Health
 - . Relations with the international partners
 - . Drawing up of narrative and financial reports
 - . Order and receipt of the equipment and materials.
- Logistician/accountant purchase based IN MAPUTO
 - . General book-keeping of the mission
 - . Purchase logistics
 - . Transportation, in-flights logistics
 - . Supervision and training of the Mozambican logistician who will take charge of this task mid 1989.
- Medical coordinator
 - . Supervision of the technical implementation of the programme
 - . Contacts with the medical authorities of the provincial hospitals
 - . Supervision of the expatriates
 - . Drawing-up of the curriculum of the work and sustained training of the expatriates
 - . Drawing-up and supervision of the training of the local staff
 - . Nomination of a Mozambican doctor or physiotherapist, sustiture to-be.

- Physiotherapists
 - . Supervision and animation of the rehabilitation activities within the hospitals
 - . Creation and follow-up of the training of the Mozambican physiotherapists, and its implantation into the hospitals
 - . Setting up of an information network, for the sensitization of the people about the problems of disabilities, drawing-up of didactic documents
 - . Creation of a well spread information system to make disabled people hear of the new centers and to attract them to the workshops
 - . Organisation of the management and follow-up of the disabled patients
 - . Creation of seminaries for the formation of the medical staff of the hospitals, of the peripheric health centers and of other health centers for the public (schools, associations,...)

- Technician for orthopaedic devices
 - . Selection and training of the Mozambican trainees for the production of devices
 - . Use of the appropriate technology for the making of the devices
 - . Organization and management of the workshop
 - . Drawing-up of an administrative system for the follow-up of the fitted patients
 - . Identification of a Mozambican technician liable to take charge gradually of the direction of the workshop.

- Architect : For building transit - centers

b) Material and technical means

Equipment required for the implementation of the programme

Workshop equipment

The workshop equipment is an equipment for wood-, metal- and leatherwork. It is a basic and simple equipment, without any sophisticated tool or machine.

* Rehabilitation room equipment

The furniture and the equipment of the rehabilitation ward will be made locally (massage table, mecanotherapy equipment).

* Formation and teaching material

Funds will be dedicated to the drawing-up, translation, duplication and broadcasting of didactic documents. Audiovisual equipment will be useful. Slides are already being made to be used during the formation seminars, as well video tapes.

* Transformation

Because of obvious security reasons, the expatriate staff must travel as often as not by means of private taxi-planes. Nevertheless the programme will be equipped with 4 vehicles (two of them having four driving wheels) to ensure the supply of the workshops.

c) The premises will be put at disposal by the hospital or by the governmental structures. Only eventual modification, enlargement and/or renovation of the premises will be taken in charge by the project.

8 - GLOBAL BUDGET FOR 1990

Including : local and foreign staff, equipment, transport, ...
Around US\$ 560,000

9 - FINANCING DIAGRAM FOR 1990: US\$ CURRENCY

- USAID : 180,000 (not yet confirmed)
- E.E.C : 130,000 (not yet confirmed)
- SWISS COOPERATION : 100,000 (not yet confirmed)
- FRENCH COOPERATION : 110,000
- OHI : Will support the lack of finance.

-----///-----

ANNEX N° 2

Physical Therapy Course

The M.O.H has requested UHI to help in the implementation and establishment of a three years physical therapy course.

This course will involve 3 partners :

- The M.O.H : physiotherapy department for practical teaching
- The National Institut of science : (INSC)
 - . Classe room
 - . " Propedêutico " and theoretical course
 - . Housing for students
- U.H.I :
 - . Teachers and in collaboration with the other partners elaboration of the cursus
 - . Financial sponsoring

STUDENTS : They will be an approximate number of 35, with school level ninth or tenth year study.
They will get after the course the level of " Técnico Médio ", which correspond to the first year of University.

The course will have 3 years duration and the beginning is scheduled for February 1990, the time will be devoted to the elaboration of the cursus, and the administrative paper work, from now till en January 90.

The best will be done for starting in February 1990.
We will insist to get an agreement signed by the three partners before starting the operation:

GLOBAL BUDGET FOR THE FIRST YEAR OF IMPLEMENTATION

° 3 teachers \$30,000/year/each	:	90,000
° Equipment for a physiotherapy class-room		
- Electrical appliances + maintnance	:	45,000
- Occupational/Therapy	:	13,000
° Didactic Equipment		
- Audio - visual	:	5,000
- Books for the library and students	:	15,000
° Student accomodations		
500/year/each X 35 students	:	17,500
		<hr/>
		185,500
		<hr/> <hr/>
		TOTAL

-----///-----