

FOUNDATION EAGLE INTERIM REPORT

PROVISION OF FUNDING FOR THE CONSTRUCTION OF A HIGH DEPENDENCY UNIT AT HOLY FAMILY MISSION HOSPITAL, PHALOMBE DISTRICT, MALAWI.

<u>Foundation Eagle reference:</u>	FF 0622
<u>Name of charity:</u>	The AMECA Trust
<u>Charity No:</u>	1121240
<u>Report Date:</u>	23rd September 2022
<u>Report Period:</u>	04/04/22 - 23/09/22
<u>Contract date:</u>	4th April 2022
<u>Total Grant:</u>	£17,000
<u>Received on:</u>	15th April 2022
<u>Expenditure to date:</u>	£14,217.77

Beneficiaries:

Holy Family Mission Hospital has a catchment area consisting of 32 villages with a population of 42,229 and a district population of 452,719. The hospital serves approximately 800 in-patients and 1700 out-patients respectively in a month. It acts as a referral center for Phalombe District and services for 17 Health Centers.

Background Summary:

Funding was granted by Foundation Eagle for the purposes of the construction of a High Dependency Unit at Holy Family Mission Hospital.

The hospital is a member of CHAM, (Christian Health Association of Malawi), founded by Missionaries. CHAM is the largest non-governmental healthcare provider, making up 30% of Malawi's healthcare services and training up to 80% of Malawi's healthcare professionals. CHAM hospitals primarily serve rural and hard-to-reach areas, providing crucial, high-quality health services to some of Malawi's poorest populations.



Surgical teaching visit.

Situated in the South-Eastern part of Malawi to the north of Mulanje Mountain, the 223 bed hospital has Female, Male, Maternity and Paediatric wards. The hospital also provides outpatient primary care services and under 5's clinics.

In 2019, Dutch colleague Johannes Reus, aged only 58, collapsed and died at Phalombe Mission Hospital during a teaching trip to Malawi. There was no High Dependency Unit at Phalombe, nor any equipment to deal with such clinical emergencies.

A High Dependency Unit (or HDU) is a specially staffed and equipped area that provides a level of care intermediate between Intensive Care Unit (ICU) and general ward care. Patients are admitted to HDU when they require close monitoring or a higher level of care than can be provided on the general ward. Critically ill patients (sepsis, abdominal emergencies, pneumonias, cardiac failure, trauma) will benefit from an HDU with the means for close monitoring, immediate resuscitation and management.

Rather than construct a new building, AMECA felt that it was more cost effective for a suitable room to be identified and modified into a fit for purpose HDU.



Visit by architect, AMECA Clinical Director and Malawi.Kom to consider suitability of this area for the HDU.



The existing room already has plumbing and power.



Construction & plastering of individual patient bays.

Throughout the renovation period from April 2022 until July 2022, consultation with clinical staff took place to ensure that clinical needs of the HDU were adhered to.

The following works were undertaken:

- Roofing was inspected and any leaks were repaired.
- Electrical rewiring, new wall sockets and new lighting were installed.
- The existing sink was removed and replaced with a new sink + clinical taps.
- A new suspended ceiling was fitted.
- Doors were replaced to facilitate patient trolley transport.
- Wall dividers were constructed to form individual patient HDU bays.
- A Sluice and new toilet areas were constructed.
- Storage shelves and cupboards were constructed in the ward and office area.
- The windows were fitted with opaque glass for privacy.



Inspection of newly plastered and painted patient bays.



View of Nurse observation desk.



Matron delighted with new curtains for patient bays!



Patient bay fitted out with equipment.



Anaesthetist Macmillen testing new vital signs monitor.



Clinical staff testing equipment in each patient bay.

At the time of writing, clinical staff at Holy Family are making preparations to open the new High Dependency Unit to patients. The Official Opening will take place in November, when Dutch colleagues will be travelling to Malawi.

Challenges of the project:

Malawi experienced a late and very heavy rainy season, which made travel to Phalombe rather challenging. Flooding was experienced and many roads were in a very poor state. In January, the Kapachira Dam was destroyed by flooding and the country has experienced power outages of up to 10 hours every day for the past 8 months. At the time of writing, it is not known when the dam renovations will be finalised and normal power restored. This obviously presented challenges on utilising power tools and electrical equipment at times.

In July, the Malawi Kwacha was devalued by 25%, which had had an enormous impact on the cost of goods and petrol. Fortunately, building materials were purchased prior to this devaluation, but the cost of site visits has greatly increased.

FINANCIAL INFORMATION:

Foundation Eagle Grant Final Project Expenditure:

03/03/22	B.M Contractors Cert. 1	Kwacha 2,808,334.08	£2,479.09	Refer to invoice.
04/04/22	B.M Contractors Cert. 2	Kwacha 4,815,335.39	£4,249.93	Refer to invoice.
25/04/22	Pound Shop Blantyre, Malawi	Kwacha 214,710.00	£189.49	Material for curtains for patient bays at HDU.
30/04/22	B.M Contractors Cert. 3	Kwacha 3,925,608.22	£3,469.77	Refer to invoice.
09/09/22	B.M Contractors Cert. 4	Kwacha 2,869,520.70	£2,536.32	Refer to invoice.
09/09/22	Clinton & Evans Architects	Kwacha 1,462,000.00	£1,292.57	Site supervision. Refer to invoice.
		TOTAL	£14,217.77	

Not included in the above are petrol costs and bank charges for transfer of funds from the UK and bank charges from Malawi for payment to a different bank from AMECA's Nation Bank account. There were fluctuations in currency exchange between the original budget submitted to Foundation Eagle and the final invoices paid. Recent invoices paid in September were more costly due to the weakness of UK Sterling at the time of writing. Also not included in the total cost of the HDU are the costs of equipment and hospital furniture.

A 2.5% contingency is due in 6 months after final inspection of works undertaken.

The original Bill of Quantities included a 20% contingency amount, which to date has not been used, as the existing roofing was sound and no serious unexpected building challenges occurred.

The project costs to date are less than quoted, as we were able to thoroughly clean the existing sluice unit, rather than purchase an expensive new sluice, which produced a substantial saving.

AMECA applied for and obtained VAT Exemption on all building materials, giving a saving of 16.5% on the purchase of materials.

Summary of Estimated Budget submitted to Foundation Eagle:

Foundation Eagle Grant: £17,000

Expenditure to date: £14,217.77

Operational Logistics:

AMECA operates on the ground in Malawi and in the UK without offices as we work from home, neither does the charity have any staff, which minimises expenditure maximises grant funding.

Ruth Markus. CEO The AMECA Trust.
September 22nd 2022.