

MARINE TRAINING COLLEGE - MALAWI

REQUIREMENTS FOR IMPROVEMENT

1. INTRODUCTION

The Ministry of Transport and Public Works, through the Department of Marine Services, runs the Marine Training College in Monkey Bay, Mangochi District in Malawi. Apart from South Africa, the college is the only inland water transport training facility in the SADC region and trains seafarers and marine engineers. Specifically, it trains marine engineers, marine navigation officers, and port personnel up to Diploma level. As the only inland water training facility in the SADC region, it enjoys a good track record, having been responsible for the initial training of seafarers on the inland water bodies in the region. Its position also means there is a lot of potential for growth in its catchment area.

However, the college faces some challenges as listed below:

- a) Lack of adequate lecturers.
- b) Lack of an administration block, cafeteria, and lecture theatre with audio-visual teaching equipment.
- c) Lack of up-to-date training equipment. The available equipment is old and obsolete.
- d) Lack of training boat, internet, and e-library.

The College facilities and equipment need major upgrade for the training of modern seafarers. The aspiration is to upgrade the level of training up to degree level, as there is currently a dearth of seafarers trained to this level in Malawi and the region. Further, those trained by the institution fall short when compared with others outside the SADC region because it does not provide sea-going experience. The College can, therefore, partner with inland water training institutions that offer similar training, but most importantly, an opportunity for sea-going experience to both undergraduates and postgraduates.

The Ministry has therefore the honour to submit the College requirements following the recent visit of the Germany delegation. The requirements are in the following four categories: Infrastructure, Teaching and Resources, Workshops, Human Resources Development.

2. INFRASTRUCTURE

- 1) 4 X Audio-visual equipped lecture rooms with seating capacity of 50 students.
- 2) Office and Administration Block.
- 3) Sea Survival Centre.

- 4) Firefighting simulator house.

3. TEACHING AIDS AND RESOURCES

- 1) 1 X 15 passenger aluminium boat with accessories and equipped with 30 hp outboard engine.
- 2) 50 x SOLAS approved lifejackets.
- 3) 5 x immersion suits.
- 4) 5 x lifebuoys.
- 5) 6 x sets walkie talkies.
- 6) 2 x CABA Compressors.
- 7) 15 x CABA sets (facemasks, bottles, and accessories).
- 8) 2 x first aid kits.
- 9) 2 x defibrillators.
- 10) 3 x LCD projectors.
- 11) 8 x Laptop Computers (Lecturers).
- 12) 5 x Desktop Computers (Library).
- 13) 1 x Server.
- 14) 1 x Printer (Library).
- 15) 1 x heavy duty photocopier.
- 16) 2 x DVD Player.
- 17) 1 x digital video camera.
- 18) 1 x 72 inch Smart TV screen.
- 19) Assorted training DVDs.
- 20) Latest publications of maritime books.
- 21) 5 x binoculars.
- 22) 5 x safety torches.
- 23) 6 x classroom air conditioners.
- 24) Assorted booms and skimmers.
- 25) Internet installation
- 26) Website hosting.
- 27) Engine room simulator.
- 28) Navigation simulator.
- 29) Electrical Shipboard simulator.
- 30) Electrical Power and Control Circuit Simulator.
- 31) Cargo handling simulator.
- 32) ECDIS.
- 33) 25 pairs of parallel rulers.
- 34) 2 sets of plotting instruments.
- 35) Assorted meteorological instruments.
- 36) 50 x classroom desks.

- 37) 50 x classroom chairs.
- 38) 25 x chart tables.
- 39) 25 x 27 inch desktop computers for teaching engineering drawing
- 40) 3 x Whiteboards.
- 41) 3 x Portable projection screens.
- 42) 15 x Avometers.
- 43) 5 x merger testers.
- 44) 15 x soldering irons.
- 45) Solar powered backup installation (for student hostel).

4. WORKSHOPS

- 1) 15 x engineering toolboxes.
- 2) 2 x 5-ton hydraulic bottle jacks.
- 3) 2 x 5-ton chain blocks.
- 4) 2 x trolley jacks.
- 5) 4 x lathe machines.
- 6) 4 x drilling machines.
- 7) 4 x bench grinders.
- 8) 4 x angle grinders.
- 9) 1 x milling machine.
- 10) 1 x shaping machine.
- 11) 2 x Aluminum welding machine sets.
- 12) 1 x motor vehicle wheel alignment set.
- 13) 1 x motor vehicle wheel balancing machine.
- 14) 1 x fuel pump and injector testing machine.
- 15) 1 x engine diagnostic machine.
- 16) 2 x fire pumps.
- 17) 2 x portable generators.

5. HUMAN RESOURCE DEVELOPMENT

- 1) Seagoing Shipboard attachment of College students (at least 6 months)
- 2) Degree Courses for 4 lecturers.
- 3) Short Management Courses for Maritime College Administrators.
- 4) Educational visits to prominent maritime colleges for staff.
- 5) IT course for College Technician.