



# **THE VALUE OF TRAINING FOR THE PARTIES AND ENGINEER UNDERTAKING FIDIC CONTRACTS IN AFRICA – (& CONTRACTOR!)**



## **PRESENTED BY**

**DAVID HESLETT BSc (Hons) C.Eng, FICE  
MANAGING DIRECTOR  
ECV CONSULTANCY LTD  
UK**

**[www.ecvglobal.com](http://www.ecvglobal.com)  
[david.heslett@ecvglobal.com](mailto:david.heslett@ecvglobal.com)**



# **SYNOPSIS OF DAVID HESLETT'S** **AFRICAN CONSTRUCTION EXPERIENCE**

## **Malawi**

**1970 – 1975: MD of WC French Malawi and Contractor for Tedzani 1 & 2 hydro electric project, 150km of roads, Lilongwe urban infrastructure and commercial building**

## **RSA**

**1976 – 1980: MD – HSK Contracting now Wilson Holmes Contractor for bridges, water projects Cape Flats STW**

## **AFRICA General**

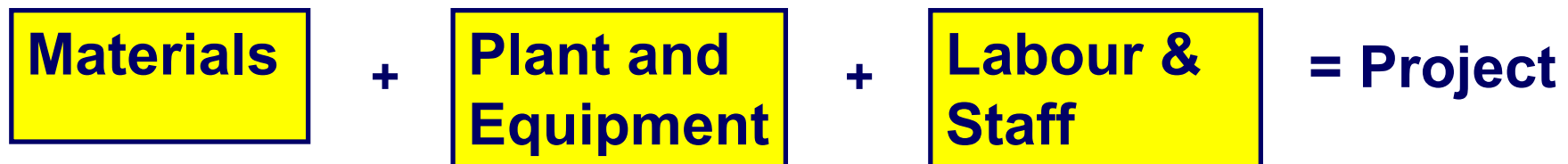
**1980 – 1987: - Director Kier International UK, responsible for infrastructure projects in 10 African Countries from Egypt to Lesotho**

# **DH ABSTRACT PAPER**

## **Key issues for a successful Construction Project using FIDIC Contracts include:**

- Well prepared Particular Conditions
- Employer's staff fully understanding their responsibilities and aware of their risks
- Appointment of competent Engineer
- Engineer's use of SC 3.5 Consultation & Determination Clause to avoid disputes
- Contractor's staff equally aware of their responsibilities and duties

# KEY PROJECT COMPONENT



**Materials & Plant & Equipment remain constant through time but labour and staff vary**

**However, so often lessons learnt by one generation of construction workers is not passed to the next whether a Contractor, Engineer or Employer**

## **KEY IS THE TRAINING**

**The interests of Employers throughout Africa are very similar in seeking successful infrastructure projects**

- The key is employment of competent, efficient and knowledgeable staff by the Employer, his Engineer and the Contractor**
- In respect to knowledge of FIDIC Contracts, I suggest this should be by pre Contract training**



# **GAMA TO TAKE LEAD**

**RECOMMEND GAMA CONSIDERS CREATING  
CAPACITY BUILDING FOR ENGINEERING  
PERSONNEL IN AFRICA THROUGH ESTABLISHING:**

# GAMA TO TAKE LEAD

- **CENTRE FOR TRAINING IN  
FIDIC CONTRACT CONDITIONS**



# GAMA TO TAKE LEAD

- **PROVIDE A TESTING PROGRAMME  
ENDORSED BY FIDIC TO ASSESS  
COMPETENCE OF PERSONNEL  
UNDERTAKING FIDIC CONTRACTS**

# **GAMA TO TAKE LEAD**

- **PROVIDE GUIDANCE IN DRAFTING  
PARTICULAR CONDITIONS**

# **GAMA TO TAKE LEAD**

- **CREATE A MANAGEMENT MANUAL FOR USE BY PARTIES AND THE ENGINEER WHEN UNDERTAKING FIDIC CONTRACTS**

## **GAMA TO TAKE LEAD**

**Recommend GAMA considers creating capacity building for engineering personnel in Africa through establishing:**

- **Centre for training in FIDIC Contract Conditions**
- **Provide a testing programme endorsed by FIDIC to assess competence of personnel undertaking FIDIC Contracts**
- **Provide guidance in drafting Particular Conditions**
- **Create a Management Manual for use by Parties and the Engineer when undertaking FIDIC Contracts**

# **FUNDING OF GAMA / FIDIC CENTRE**

**SEVERAL SOURCES MAY  
BE CONSIDERED INCLUDING:**

# **FUNDING OF GAMA / FIDIC CENTRE**

- **AfDB AND OTHER MDBS'  
SUCH AS WORLD BANK**

# FUNDING OF GAMA / FIDIC CENTRE

- **MEMBER ASSOCIATES OF GAMA**

# **FUNDING OF GAMA / FIDIC CENTRE**

- **FIDIC TRANSFERRING CURRENT  
AFRICAN OFFICE TO CENTRE**



# FUNDING OF GAMA / FIDIC CENTRE

- **PRIVATE SECTOR SPONSORS**

# **FUNDING OF GAMA / FIDIC CENTRE**

- **DELEGATES TO THE CENTRE  
WOULD PAY FOR SUCH TRAINING**

## **FUNDING OF GAMA / FIDIC CENTRE**

- **QUALIFICATIONS FROM THE CENTRE  
WOULD HAVE VALUE FOR EMPLOYER'S  
IN CONTRACT AWARDS & PERSONNEL  
EMPLOYMENT**



# **FUNDING OF GAMA / FIDIC CENTRE**

**Several sources may be considered including:**

- **AfDB and other MDBs' such as World Bank**
- **Member Associates of GAMA**
- **FIDIC transferring current African office to Centre**
- **Private sector sponsors**
- **Delegates to the Centre would pay for such training. Qualifications from the Centre would have value for Employer's in Contract awards & personnel employment**



**MAKE THE DIFFERENCE  
BY  
INVESTING IN THE FUTURE ENGINEERS  
MANAGING AND EXECUTING AFRICAN  
INFRASTRUCTURE PROJECTS  
UNDER FIDIC CONTRACTS**

**GAMMA AND FIDIC MAY,  
THROUGH THE MEMBER ASSOCIATIONS,  
CREATE A CULTURE OF ENGINEERING  
EXCELLENCE FOR THE  
AFRICAN CONSTRUCTION INDUSTRY**