

Name of Key Personnel

Eric Bishop

Current Position

Project Manager

Qualifications

Graduate Diploma Project Management

Currently studying for Master's Degree in Project Management

Plumber Hydraulic & Mechanical Services



Greater Detailed CV: www.ericbishop.com.au

Awards: See Web Page

- Certificate of Appreciation from Air Marshal Shepherd, AO, Chief of Air Force for Eric's role on RAAF Colleges Relocation
 - Commendation from Wing Commander Ashworth, Commanding Officer for the work of Eric's team on 1 Recruit Training Unit, RAAF Base Wagga
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Profile

Eric has more than 30 years' experience in construction and project management across a wide range of industries. His management skills cover project management, design management, construction management, and contracts administration.

He has more than 15 years' experience in senior roles on dept of defence managing contractor type contracts, starting as Senior Project Engineer on the School of Artillery Relocation Project at Puckapunyal in 1996.

Eric's experience in design management and compliance with Dept of Defence commissioning and handover processes shall add extreme value to the project and a proven ability to deliver innovation and 'future-proofing' flexibility in design and Defence capability.

He has more than 12 years' experience in senior roles on managing contractor type contracts, starting as Senior Project Engineer on the HMAS Albatross Redevelopment in 1999.

Other relevant project experience includes:

- Infrastructure Project Manager (Major Works)
- Project Manager, QANTAS Engineering Facility Sydney Airport
- Managing Contractor Representative, HMAS ALBATROSS Redevelopment Stage 3
- Design Manager, Completion & Handover Manager, RAAF Colleges Relocation Project
- Assistant Managing Contractor Representative, Design Manager and Construction Manager, RAAF Base Williamtown Redevelopment Stage 1 & AEW&C Project
- Senior Project Manager, Australian Customs Service Container Examination facility, Appleton Dock

- Senior Project Engineer, HMAS Albatross Redevelopment Project Stage 1 & 2
 - Senior Project Engineer, Construction Manager RAA Artillery Section Relocation - Bridges Barracks, Puckapunyal
 - Eric's first role in Project Management started at the Melbourne Central Project with Lewis Constructions as the Hydraulics and Mechanical Services Design Coordinator in 1987.
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April 2014 - Current

Role: Infrastructure Project Manager Major Works - Papua New Guinea
 Project: Health & Education Procurement Facility (HEPF)
 Form of Delivery: Managing Contractor Delivery
 Project Value: \$270+m
 Client: Dept of Foreign Affairs and Trade (DFAT)

Health Education Procurement Facility (HEPF) PNG

In close cooperation with the Australian High Commission and the National Department of Health in Papua New Guinea provide technical support to the National Department of Health and provincial health authorities to strengthen the human resources for health and health system capacity within Papua New Guinea through the provision of relevant infrastructure, particularly within the area of Midwifery and Nursing Training to establish critical infrastructure for health programs intended to the arrest the high rate of infant mortality in PNG provinces, improve the Maternal & Child health care, Communicable diseases (TB, HIV and Malaria) and other priority areas including providing capacity within the PNG Health Program of improvement policy for 2011 – 2020.

Key highlights include the strengthened response to HIV, TB and vaccine preventable diseases, the strengthening of NDoH [PNG National Department of Health] capacity, the analytical support required to increase Government of PNG financial flows for health, support to the Provincial Health Authorities (PHAs), with the renewal of health facility infrastructure, the expansion of HCW training capacity, and the higher number of Community Health Workers (CHWs), midwives and nurses trained from rural areas.

Eric has proven success influencing outcomes and dealing with broad stakeholder groups including senior executives; Government agencies, other external groups and partners to manage identified priorities. He has the ability to confidently liaise with various stakeholders, including senior government and other executives. Eric is a highly ethical leader and consistently and confidently leads diverse teams to deliver results and works effectively in cultural contexts.

The role included the following Objectives and responsibilities:

- Lead and manage the Development aspect of the HEPF program, including improving and refurbishment of facility infrastructure.
- Provide technical oversight to support the tendering, acquittal and auditing of infrastructure development programs.
- Assist the Project Director with the provision of corporate services advice and support the HEPF sponsor.
- Establish and Maintain strong working relationships with DFAT, the GoPNG, and the NDoH in order to provide the necessary design and construction services.
- Work closely with DFAT and the NDoH who is responsible for setting Health Standards for design and construction.
- Assist the Aust High Commission in providing technical advisory planning support for the approved infrastructure projects and designs for construction of health and education facilities.
- Proactively identify and rectify problems or recommend strategies to DFAT on how to rectify problems which may arise during the provision of these services.
- Demonstrated ability to work collaboratively and effectively at a range of strategic and administrative levels in a cross cultural setting.
- Manage the entire procurement process of delivering programs and facilities.

April 2012 – November 2012

Role:	Project Manager
Project:	QANTAS Engineering Facility Sydney Airport
Form of Delivery:	D&C
Project Value:	\$200+m
Client:	QANTAS

Paragon Project Management – Sydney

Eric's role for the project is Project Manager for the QANTAS Engineering Facility Sydney Airport and is accountable for all engineering, design, documentation and commissioning handover management aspects of the project.

This project involves the design and construction of a 'State of the Art' Hangar and Engineering workshops to manage line maintenance of QANTAS's entire fleet of aircraft. A380's to Boeing 737 aircraft maintenance will be managed in this single Hangar.

Key Responsibilities

- Develop the Business Case and Planning Application for Transport Ministry Approval
- Manage Stakeholder Engagement process to establish and validate Functional Design
- Take design elements through to Planning Phase Report (D&C documentation)
- Validate Cost Report through Design
- Maintain, update & report on Planning Phase program.
- Prepare monthly MC Report.
- Prepare, maintain & report on Risk Management Plan. Organise Collaboration, VM and Risk Review workshops. Manage WOL report preparation by Consultants.
- Stakeholder management including collaboration with the CA, Project Review Board, Project Team and Design Coordination teams
- Oversee the activities of the Leighton project team during both planning and delivery phases including design deliverables
- Oversee the development of the cost plan
- Oversee the management of the Planning Phase Program
- Oversee the management of all project plans
- Oversee the management of safety, environmental issues and facilitate workshops
- Oversee construction phase to ensure time, cost and quality objectives are met
- Negotiate delivery phase scope and fees
- Prepare, maintain and report on Risk Management Plan
- Assist the Design Consultants with end user stakeholder investigations and research
- On-site MC contact/representative during the Planning Phase
- On-site management and consultation with stakeholders, consultants and contractors for approval, programming and access to carrying out site investigations
- Coordinate subcontractors and consultants on Base carrying out site investigations
- Prepare attendance lists and agendas for users, stakeholder, consultants Functional Design Brief (FDB) consultation meetings
- Facilitate workshops with users, stakeholder and consultants during the preparation of the FDB
- Assist in the production of the Detailed Business Case (DBC)
- Delivery of Design and Reports, to 'Approved for Construction' Phase
- Monitor and manage Construction Design Issues
- Complete Commissioning and Handover Process
- Prepare attendance lists and agendas for users, stakeholder, consultants Functional Design Brief (FDB) consultation meetings

- Facilitate workshops with users, stakeholder and consultants during the preparation of the FDB
- Manage the Design Consultants with end user stakeholder investigations and research
- On-site MC contact/representative during the Planning Phase
- On-site management and consultation with stakeholders, consultants and contractors for approval, programming and access to carrying out site investigations

Relevant Project Experience with Dept of Defence MC Delivery process

July 2009 – October 2011

Role: Managing Contractor Representative

Project: HMAS ALBTAROSS Redevelopment Stage 3

Form of Delivery: Managing Contract \$200m

Client: DSG-IAD

Leighton Contractors - Sydney

Eric's role for the project is the Managing Contractor Representative (Project Manager) for Leighton Contractors.

This project involves the "Future Proofing the Base's Capability" it entails the replacement of the entire base engineering services, including High and Low Voltage Power, Communications and Restricted Networks, Potable Water Supply and separation of the Hydraulic Fire Protection, Flood Protection of the base, rebuilding the Parachute drop zone, upgrade to the base Security System, replacement of base wide Fire Panels, Hot Refuelling Bays (airside) reticulation of Fuel to the HRB's, new Headquarters, Retail Facilities, Clothing Stores, New Garrison Support Offices (2 storey), Airside Facilities, and Stormwater Upgrade across the base including the airside.

Key Responsibilities

Manage all MC services to achieve Planning Phase objectives.

- Maintain, update & report on Planning Phase program.
- Prepare monthly MC Report.
- Prepare, maintain & report on Risk Management Plan. Organise Collaboration, VM and Risk Review workshops. Manage WOL report preparation by Consultants.
- Stakeholder management including collaboration with the CA, Project Review Board, Project Team and Design Coordination teams
- Oversee the activities of the Leighton project team during both planning and delivery phases including design deliverables
- Oversee the management of the cost plan
- Oversee the management of the Planning Phase Program
- Oversee the management of all project plans
- Oversee the management of safety, environmental issues and facilitate workshops
- Oversee construction phase to ensure time, cost and quality objectives are met
- Negotiate delivery phase scope and fees
- Prepare, maintain and report on Risk Management Plan
- Assist the Design Consultants with end user stakeholder investigations and research
- On-site MC contact/representative during the Planning Phase
- On-site management and consultation with stakeholders, consultants and contractors for approval, programming and access to carrying out site investigations
- Coordinate subcontractors and consultants on Base carrying out site investigations
- Prepare attendance lists and agendas for users, stakeholder, consultants Functional Design Brief (FDB) consultation meetings

- Facilitate workshops with users, stakeholder and consultants during the preparation of the FDB
 - Assist in the production of the Detailed Business Case (DBC)
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February 2004 – June 2009

Role: Senior Design Manager/Commissioning & Handover Manager

Project: RAAFCOL Relocation Project

Form of Delivery: Managing Contract \$133 m

Client: DSG-IAD

Thiess Pty Ltd - Melbourne

Eric's role for the project was Senior Design Manager for the 1Recruit Training Unit relocation from RAAF Edinburgh to RAAF Wagga Wagga and the relocation of the Officer Training School from RAAF Base Williams to East Sale and was accountable for all engineering, design, documentation and commissioning handover management aspects of the project.

This project involved the design and construction of Defence Living in Accommodation (LIA), Working Accommodation facilities, Officer Training Facilities, Armouries, Lecture Theatre, Combined Mess, Medical and Dental facilities, Clothing stores, Confidence Course, 4 Lane Running Track, Ground Defence facilities and a Marksmanship Training Range at Kapooka.

Key Responsibilities

- Develop Strategic Business Case
 - Manage Functional Design Brief to DISSC approval
 - Take design elements through to PWC
 - Validate Cost Report through Design
 - Delivery of Design and Reports, to Approved for Construction Phase
 - Monitor and manage Construction Design Issues
 - Complete Commissioning and Handover Process
 - Prepare attendance lists and agendas for users, stakeholder, consultants Functional Design Brief (FDB) consultation meetings
 - Facilitate workshops with users, stakeholder and consultants during the preparation of the FDB
 - Assist in the production of the Detailed Business Case (DBC)
 - Assist the Design Consultants with end user stakeholder investigations and research
 - On-site MC contact/representative during the Planning Phase
 - On-site management and consultation with stakeholders, consultants and contractors for approval, programming and access to carrying out site investigations
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Jan 2002 – Jan 2004

Role: Design Manager/Assistant MC Rep & Construction Manager

Project: AWEC Project – RAAF Williamstown Redevelopment Stage 1 & AEW & C Project

Form of Delivery: Managing Contract \$118m

Client: DSG-IAD

Hansen Yuncken Pty Ltd - Sydney

Eric was the Design and Construction Manager during the Planning Phase for this project and the Construction Manager for the Delivery Phase. That involved upgrading of existing Taxiways, New Airfield Lighting, New Engineering Services infrastructure, the construction of Working

Accommodation and the AEW&C Hangar facilities for the new RAAF Base Williamtown
Redevelopment Stage 1 & AEW&C Project.

1999 - 2001

Role: Senior Project Engineer

Project: HMAS ALBATROSS Redevelopment Stages 1 & 2

Form of Delivery: Managing Contract \$80

Client: DSG-IAD

Bovis Lend Lease - Canberra

Eric was the Senior Project Engineer (landside) involved the management of design and construct of the Aviation Systems Training Centre (Helo, Pilot and Aircrew Training) Explosive Ordnance Storage Facilities, Air Traffic Control Tower, 805 & 817 Sqn Hangars, Naval Photographic Facilities, Infrastructure Upgrades.

1997 – 1999

Role: Senior Project Engineer/Construction Manager

Project: School of Artillery Relocation Project – Bridges Barracks, Puckapunyal

Form of Delivery: Managing Contract - \$50 m

Client: DSG-IAD

Evans Builders - Bendigo

Eric was the Senior Project Engineer and Construction Manager for this project that involved the decanting and relocation of the School of Artillery from Manly, NSW to Puckapunyal. The project involved the refurbishment of existing LIA facilities and new working accommodation facilities for Bridges Barracks.

Eric was responsible for all the engineering, design, documentation, procurement of subcontractors and suppliers, and the day to day management of construction of facilities.

Involvement with Innovation & Added Value during RAAFCOL project

During the RAAFCOL Relocation Project; post Concept Design Stage a decision was made through the Project Sponsor to increase the LIA living Standards at the Officer Training School facilities to be installed at RAAF Base East Sale. The request was to remove dormitory style ablution blocks to shared bathroom facilities between rooms. The cost of changing design both for redesign costs and the Capital Cost of the five (5) LIA was quite high. This stumbling block was offset by removing a bay from each building; these bays included a staircase at the end of each building. However, to maintain MFPE and BCA Compliance a 'Deemed to Satisfy' design option was negotiated with the DSG DEEP CFSO by 'proving up' the fire rating of the facility through a formal Fire Engineering Process which effectively ensured fire protection of the five LIA was not compromised. The savings allowed the facilities to be redesigned and built for the cost of the original budget.

The Marksmanship Training Range at Kapooka initially required 10 firing lanes for 1RTU training requirements and the RAAF College Relocation Scope PWC to be realised. The Army requested another 10 lanes and a set of 'Moving Targets' to manage training throughput for the future. Budget and Timing was an issue, the design consultants on the project agreed with us that the cost of designing 20 lanes was not a burden for them if we managed a "design for but not with" concept immediately and this we did. When the Army budget contribution was finalised the extra cost to them for the project cost plan was the implementation of the Moving Targets which are not used for RAAF

Training. 1RTU received their compliant 10 lanes for training, and the Army received another 10 lanes with Moving Targets for the cost of their moving targets.

With close coordination with the DSG IAD, ATC Staff Officer, DSG RMV, Kapooka Range Officers and DTAM managers a compliant solution was achieved at a reduced overall realised cost.

Client Contact Details

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