



Building the future in Health and Science

Strong foundations



DELIVERING EXCELLENCE IN COMPLEX MULTI-DISCIPLINARY PROJECTS



\$7.6B+

Work in hand



15,000+

Employees



25+

Countries



5

Continents

Global experience delivered locally

BESIX Watpac is an Australian multi-disciplinary contractor backed by a century of global expertise and financial strength. A wholly-owned subsidiary of the award-winning BESIX Group, we specialise in complex construction across all sectors.

With vast international experience and a robust balance sheet we deliver large-scale complex infrastructure projects across Australia and New Zealand. Combining Watpac's four decades of intimate local knowledge, delivery excellence, and trusted long-standing partnerships, we bring the best of the world's capability together.

Whether it's the tallest building in the world, the iconic Burj Khalifa or the Grand Egyptian Museum - from stadiums to hospitals, schools, bridges, resource and industrial projects, port infrastructure, water treatment plants, secure facilities, airports, defence assets and more
- ours is a reputation built on quality.



• Casey Hospital, Victoria



In-house engineering expertise

Our in-house team of 150+ engineers operates from three global hubs in Brisbane, Dubai and Brussels. We set new standards in construction through expert structural, geotechnical, sustainability, digital and façade engineering as well as rapidly evolving concrete technology. Our specialists are embedded in project teams to interrogate the design; de-risking projects, maximising value and delivering certainty.



Partner of choice

Leveraging our rich Australian history, we collaborate with our clients and partners to deliver excellence on every project. As genuine relationship contractors, we are invested in our client's success. Proudly, eighty per cent of our business is repeat. A private company with a flat structure, our lean, agile approach guarantees innovative and cost effective solutions.



Local content specialists

From urban centres to regional Australia, we actively support local jobs and Indigenous participation while building better communities. This is fundamental to our core beliefs and exemplifies our personalised approach to project delivery.

Experts in Health and Science >>

Building blocks for life



World-class health and science facilities are continuously responding to growing and ageing populations, increasing operational costs and rapidly advancing technology.

Since 2014, we have delivered AUD \$4 billion in hospital redevelopments, expansions and new facilities across Australia, Europe and the Middle East.



10,000+

New Hospital Beds



10+

Intensive Care Units



12+

Excellence Awards



UP TO 400,000m²

Gross Floor Areas

Providing our clients with user and patient-focused facilities that promote knowledge, innovation, health and wellbeing.

Partnering with an experienced contractor that understands mission-critical live operating environments and genuine collaboration is essential for an optimised and future-proofed facility.

We specialise in the delivery of contemporary greenfield and brownfield health infrastructure, from small district and large tertiary hospitals, to complex science and research precincts.

Our proven capability across a range of contracting models provides our clients with flexibility and certainty to ensure that every project is delivered with excellence.

With a proud record of more than 50 health and science projects across Australia, we partner with clients to deliver:

- ✔ Clinical facilities that support modern, integrated models of care
- ✔ Improved access to high-quality services closer to home
- ✔ Optimised facility performance and enablement of state-of-the-art technology to treat patients earlier and more efficiently
- ✔ Vibrant and innovative workplaces to support staff wellbeing and retention
- ✔ Dynamic research and learning environments to develop the practitioners of tomorrow

• QIMR Berghofer Medical Research Institute
Brisbane, QLD

Better health and science infrastructure

Our integrated approach achieves low-risk, program and cost certainty.

Live environment experts

We specialise in live operating environments and have the know-how to ensure a safe and seamless experience during construction. From decanting to hazard management to separation zones that minimise cross-contamination risk, we understand that safeguarding mission-critical operations with zero unplanned disruptions is paramount.



^ Queensland Brain Institute
Brisbane, QLD



^ Translational Research Institute
Brisbane, QLD



Collaborative engagement

Health and science projects require close engagement and effective communication with a range of stakeholders. From client teams and facility managers, to the local supply chain and the broader community, we work in a collaborative and flexible way to ensure that expectations are clearly understood, safety and security is maintained, opportunities maximised, and risks mitigated.



Technical and services expertise

Our team understands that world-class health and science precincts rely on industry leading technology. By working closely with clients, we customise the scope of works and procure specialist equipment such as audio visual and simulation systems. Additionally, our services experts ensure services are designed, installed, commissioned, and handed over without any unplanned disruption while optimising whole of life costs.



Sustainable and future-proofed solutions

We help clients to future-proof their assets. We plan and build-in flexibility and redundancy to accommodate future expansions, meet ongoing sustainability expectations and changing societal priorities such as bariatric and aged care.



Reliable commissioning and handover

Our approach to planning and design begins with the end in mind. With commissioning specialists on board, we de-risk the final stages of project delivery through effective stakeholder consultation and meticulous testing and commissioning especially during a staged handover.

Global pandemic live environment

SYDNEY, NEW SOUTH WALES



2,700

Construction jobs created



6%

Indigenous
participation



515

New hospital beds



34

Emergency
treatment spaces

Hornsby Ku-ring-gai Hospital Stage 2 & Medical Imaging

In 2020, our team was faced with delivering a major hospital redevelopment during the global pandemic. In fact, a COVID clinic was located adjacent to the site's entrance. Our rigorous COVID management plan and staged handover approach saw the main project delivered five months ahead of schedule, despite this the challenging conditions.

This redevelopment represents a revolution in Sydney's public health offering. With mission-critical operations on nearly all site boundaries, our meticulously planned business continuity program and live environment expertise, has been critical to the project's success.



CLIENT

New South Wales Government



VALUE

\$200M



EXPERTISE

Design + Construct



TIMELINE

2018 - 2021



Our team has worked carefully and meticulously with the live operating environment. We have found new ways to deliver and innovate like designing, procuring and installing the State's first public hospital robotic pharmacy."

Lizzie Cox
Project Director, BESIX Watpac



The key to keeping everyone calm, safe and focused was clear and consistent communication and this proactive, open approach helped to reduce stress in an otherwise difficult time."

Mark Cahlai
Project Manager, BESIX Watpac

- ✓ Refurbishment and expansion of a seven-storey clinical services building including intensive care (ICU), respiratory and cardiac care units
- ✓ Five-stage delivery model focused on planning, procuring, decanting, demolishing and delivering each hospital department - developed in collaboration with our client and multiple user groups
- ✓ Live environment refurbishment and expansion of the accident and emergency department, approximately seven months in the planning
- ✓ Procurement strategies for specialist equipment such as the robotic pharmacy were co-designed with user groups
- ✓ A change in scope to incorporate a new helipad on the clinical services building was accommodated through our flexible delivery model

Investing in health

MELBOURNE, VICTORIA

Casey Hospital Expansion

This project marks one of the first successful PPP hospital expansions in Australia. Delivering in a 24/7 operating environment, as well as the handover taking place during a global pandemic, required rigorous planning and close collaboration with our client and hospital staff to mitigate impacts.

- ✓ Our detailed business and management plans safeguarded sensitive medical equipment as well as ensured continuity of operations throughout construction
- ✓ A 3D design platform for architectural and services documentation improved design coordination and minimised potential issues
- ✓ The 13,000 square metre expansion increased the floor area by 60 per cent
- ✓ The project delivered the hospital's first ICU, 128 additional beds, an upgraded pharmacy, pathology and combined education and training spaces
- ✓ 3,500 jobs were created both directly and indirectly



CLIENT

Victorian Government



VALUE

\$135M



EXPERTISE

Public Private Partnership



TIMELINE

2017 - 2020



PARTNERS

**Plenary Group
and Brookfield GIS**





SPRINGFIELD, QUEENSLAND

Mater Private Hospital Springfield

World-class health infrastructure

CLIENT **Mater Health Services**

EXPERTISE **Managing Contractor**

- ✓ The first hospital built in Greater Springfield, one of the country's fastest growing urban areas
- ✓ Stage one delivered a 10,000 square metre hospital including a 64-bed inpatient unit, four operating theatres and a cancer care and central sterile services department
- ✓ Located within a 52-hectare health and wellness precinct dubbed 'Health City'

ROMA, QUEENSLAND

Roma Hospital Redevelopment

State-of-the-art regional facility

CLIENT **Queensland Health**

EXPERTISE **Construct Only**

- ✓ Close engagement with local businesses, subcontractors and suppliers creating opportunities for participation
- ✓ An entirely new hospital with a gross floor area of 12,550 square metres to replace the previous adjacent building
- ✓ Facilities include emergency, allied health, and medical imaging departments as well as a central sterilising unit, rehabilitation gym and 24 inpatient beds



Largest in southern hemisphere

BRISBANE, QUEENSLAND



3,800

Construction jobs created



150+

Apprentices



4%+

Indigenous participation

Herston Quarter

Herston Quarter is a visionary five-hectare health, hospital and aged care development forming a key component of Brisbane's Herston Health Precinct; a global benchmark in public and private medical facilities.

The centrepiece of this project is the 35,000 square metre, highly specialised Surgical, Treatment and Rehabilitation Services (STARS) building. It is the largest specialist rehabilitation service in the southern hemisphere and has revolutionised Metro North Hospital and Health Service's offering.



CLIENT

Australian Unity



VALUE

\$375M



EXPERTISE

Public Private Partnership



TIMELINE

2016 - 2020



PARTNERS

**Queensland Government/
Metro North Hospital and
Health Service**



- ✓ Major stakeholders included nine hospital and research institutes such as the tertiary Royal Brisbane and Women's Hospital, and leading research facility QIMR Berghofer
- ✓ Our collaborative approach was crucial to delivering optimal outcomes for the project and its stakeholders, and focused strongly on business continuity, operational readiness, and a comprehensive communication and community engagement strategy
- ✓ Other works included construction of a sky bridge link and Spanish steps, along with infrastructure and road upgrades
- ✓ Extensive design workshops and detailed construction methodologies identified the safest and most efficient solution for constructing the sky bridge link

“The STARS will provide short-stay elective surgery and endoscopy as well as various outpatient services and boasts seven operating theatres, three endoscopy procedure rooms and consultation spaces for a range of specialties. This facility will become a world-class facility supporting 900 clinical and non-clinical jobs.”

Steven Miles
Queensland Minister for Health

Cutting-edge infrastructure

ABU DHABI, UNITED ARAB EMIRATES



16,000

Construction jobs created



500

Engineers

Cleveland Clinic

The Cleveland Clinic is one of the world's most advanced medical precincts featuring state-of the art infrastructure, technology and sustainable design.

The layout of the project, the internal and external works, along with the Clinic's busy location provided multiple integration challenges. Seamless methodologies were employed to manage these issues. These included tightly coordinated workflows, thorough design studies and BIM technology as well as the production of up to 60 drawings per day.



CLIENT

Mubadala



VALUE

\$2B



EXPERTISE

Design + Construct



TIMELINE

2010 - 2014



- ✔ Processes, procedures and hardware requirements were prepared for more than 20,000 pieces of medical equipment and 20,000 pieces of IT equipment
- ✔ 75 per cent of waste produced by the Clinic is recycled
- ✔ Energy savings achieved through an active double-glazed façade
- ✔ 16,000 workers from 80+ nationalities worked on the project
- ✔ 500 engineers
- ✔ 40 medical and surgical specialists



The major challenges of this project, besides the construction, were the scale of the design studies which have been coordinated through BIM technology and the logistics, which were even more complex than for the Burj Khalifa, due to the just-in-time daily flows and the town-centre location.”

Didier Bosredon,
Project Director, BESIX Group



Outstanding quality

MELUN, FRANCE

Groupe Hospitalier Sud Île-de-France

Delivered on time and within budget, this ultra-modern public hospital was constructed in 36 months, providing first-class health services such as a polyclinic, psychiatric facilities, neonatal care and an emergency department.

Underpinning the project's success was our collaborative approach with key hospital personnel, architects, engineers, economists, urban planners and landscape designers. This influenced the selection of technical solutions as well as enhanced efficiencies.

- ✓ 56,000 square metre and 507 beds
- ✓ LEAN planning was fundamental to the seamless coordination of works and enabled testing and commissioning to commence on schedule
- ✓ Waterproofing the structure ahead of seasonal weather was made possible through collaboration and rigorous planning
- ✓ Time and cost saving efficiencies were identified throughout the project and included utilising prefabricated materials where possible



CLIENT

**Centre Hospitalier
Marc Jacquet**



VALUE

\$173M



EXPERTISE

Design + Construct



TIMELINE

2014 - 2018



PORT MACQUARIE, NEW SOUTH WALES

Port Macquarie Base Hospital Expansion

Enhanced regional healthcare

CLIENT **New South Wales Government**
 EXPERTISE **Design + Construct**
 TIMELINE **2012 - 2014**

Forming part of the New South Wales Government's plans to improve regional healthcare services, the project delivered 70 new beds, additional operating theatres and a critical care unit, along with a catheterisation laboratory within a four-storey building.



GOLD COAST, QUEENSLAND

Gold Coast Private Hospital

Sophisticated and sustainable

CLIENT **Healthscope**
 EXPERTISE **Design + Construct**
 TIMELINE **2013 - 2015**

A state-of-the-art health facility with several medical specialty units including a premium maternity ward, the hospital has been designed with the flexibility to expand its bed capacity in the future to meet the growing population of the Gold Coast.



NEUILLY-SUR SEINE, FRANCE

Ambroise Paré, Pierre Cherest and Hartmann Hospital

Bringing the best together

CLIENT **Immobilière Paré Cherest**
 EXPERTISE **Design + Construct**
 TIMELINE **2018 - 2021**

The project will bring together three of France's leading healthcare institutions in one location and will provide multiple medical units, 387 ambulatory beds and 34 operating theatres.



MELBOURNE, VICTORIA

Frankston Private Hospital Expansion

Live environment expertise

CLIENT **Divine Logistics**
 EXPERTISE **Design + Construct**
 TIMELINE **2016 - 2017**

Exceptional planning and communication with the client and hospital staff ensured minimal disruption as we delivered a major refurbishment and expansion of this high-quality cancer treatment facility.

Award-winning research icon

BRISBANE, QUEENSLAND



\$16M

Cost saving to client



800,000+

hours worked

QIMR Berghofer Medical Research Institute

QIMR Berghofer's vision for 'better health through medical research' was realised through the delivery of a leading research hub in Brisbane. The project also included major refurbishments of the Bancroft Centre and Clive Berghofer Cancer Research Centre.

Delivered in three stages, our focus was to complete the first two stages under budget so the surplus could be directed towards a major refurbishment of the adjacent Bancroft Centre. We successfully achieved this through meticulous planning and collaboration.



CLIENT

QIMR Berghofer



VALUE

\$167M



EXPERTISE

Managing Contractor



TIMELINE

2007 – 2014



I would like to take this opportunity to recognise the excellent standards achieved in the finished facilities and in the minimisation of disruption and nuisance to the Institute's scientific community and to its neighbours during the carrying out of the works."

Chris Coyne
Former Chair, QIMR Council



Award Winner

- **2013 High Commendation Commercial Construction – \$100 million plus**
Australian Institute of Building (Queensland)
- **2013 Health & Education Facilities over \$20 million**
Master Builders Queensland (Brisbane)

- ✓ Our inclusive working relationship with our client and key stakeholders was crucial to delivering this complex project on time and under budget
- ✓ The new facilities have expanded QIMR Berghofer's ability to perform world-class medical research into cancer, infectious disease, chronic disorders and Indigenous health
- ✓ Houses the Mental Health Research Division
- ✓ Delivered in a live environment with minimal impact on adjacent facilities
- ✓ High quality installation and fit-out

Complex facility specialists

LUCAS HEIGHTS, NEW SOUTH WALES

ANSTO Mo-99 Nuclear Medicine Facility

This highly complex facility showcases our expertise in extremely sensitive environments. We closely collaborated with our technical delivery partners throughout all project phases to ensure the facility met strict requirements set by the Australian Radiation Protection and Nuclear Safety Agency, and the Australian Non-proliferation and Safeguards Office.

- ✓ Manufacturing Molybdenum-99 (Mo-99), which is used in more than 45 million nuclear medicine procedures annually making Australia a leading global supplier
- ✓ Almost tripled ANSTO's Mo-99 manufacturing capability
- ✓ Provides 25 per cent of the world's Mo-99 production, generating billions of dollars in export income
- ✓ Multi-level 4,250 square metre facility



Award Winner

- 2018 Best Industrial Building over \$50 million
Master Builders Association NSW Excellence in Construction Awards



CLIENT

Australian Nuclear Science and Technology Organisation (ANSTO)



VALUE

\$98M



EXPERTISE

Design + Construct



TIMELINE

2014 - 2017

TOWNSVILLE, QUEENSLAND

Australian Institute of Tropical Health and Medicine

Innovation Excellence

CLIENT **James Cook University**

EXPERTISE **Construct Only**

- ✓ Award winner of the 2017 Master Builders Queensland (North Qld) – Health Facilities over \$20 million
- ✓ Five level, 4,260 square metre building with laboratories, a biobank and office space for research programs
- ✓ Enhances North Queensland's capability in public health, biomolecular, clinical, translational and health system research
- ✓ World-class infectious diseases research hub that unites the expertise and capacity of smaller centres
- ✓ Integrates the Translational Research Facility which provides clinicians and researchers space to conduct clinical trials locally



PARIS-SACLAY, FRANCE

EDF Lab Paris-Saclay

Revolutionising renewables

CLIENT **SAS Immobilière du Plateau**

EXPERTISE **Design + Construct**

- ✓ A multi-discipline campus that inspires 1,500 scientists and staff to bring pioneering, fast-tracked renewable energy solutions to the world
- ✓ Three-storey limitation on cranes due to overhead flight paths meant that the upper section of one building was completed without a crane
- ✓ The largest of four buildings has 1,400 researcher workstations over three levels and is designed to promote collaboration
- ✓ The circular buildings have two façades, comprised of an outer and inner layer, which allows natural light while preserving its acoustics

Major award winning institute

BRISBANE, QUEENSLAND



4 Star

rating, rare for a laboratory building



23%

reduction in energy consumption



400K^L

of rainwater storage



600+

Researchers

Translational Research Institute & BioPharmaceuticals Australia building

A pioneering Australian first, the Translational Research Institute (TRI) undertakes 'bench to bedside' medical research to streamline its progress from laboratory to community.

Located at Brisbane's Princess Alexandra Hospital, the revolutionary pharmaceutical facility is the largest of its kind in the Southern Hemisphere. Delivered as part of a contract that included the BioPharmaceuticals Australia building and refurbishment of two floors of the hospital, the TRI accommodates more than 600 researchers over four floors of laboratory research space plus amenities.



CLIENT

Queensland Health



VALUE

\$242M



EXPERTISE

Construct Only



TIMELINE

2010 - 2013



This magnificent place truly represents the vision of ‘bench to bedside’ research, by enabling a discovery in the lab, progressing it to a clinical trial, and then through to production of a treatment for community-wide application, all in the one location.”

The Hon. Quentin Bryce AC CVO
Former Governor General of the
Commonwealth of Australia



Multi-award Winner

- 2014 **Professional Excellence Award**
Australian Institute of Building (National)
- 2014 **Commercial Construction \$100 million Plus Award**
Australian Institute of Building (National)
- 2014 **Professional Excellence Award**
Australian Institute of Building (Queensland)
- 2014 **Project of the Year**
Master Builders Queensland (Brisbane)
- 2014 **Health & Education Facilities over \$125 million**
Master Builders Queensland (Brisbane)

- ✔ 4 Star Green Star rating despite being a laboratory building, which are traditionally high consumers of energy
- ✔ Awarded more than 10 building, architectural and engineering awards and remains one of Brisbane's building icons
- ✔ Collaboration with the client and other stakeholders was key to delivering the facility on the grounds of an operational hospital with minimal disruption while prioritising the health and safety of patients and staff
- ✔ Sourced a single supplier to provide and integrate recycled timber to a high level of finish
- ✔ Bespoke sustainability benchmarks were set with strategies including maximising natural light, energy efficient lighting, rigorous selection of sustainable materials, 400,000L rainwater storage tank, selection of drought tolerant plant species and photovoltaic panels
- ✔ Millions of dollars worth of vaccines and other biopharmaceuticals discovered and produced



NORTH RYDE, NEW SOUTH WALES

Cochlear Global Headquarters

Sustainable construction

CLIENT **Lachlan Developments**
EXPERTISE **Design + Construct**

- ✓ 2011 NSW Professional Excellence in Building Award - Professional Excellence Award Commercial Construction \$50-100 million
- ✓ Low energy building design, rainwater harvesting, optimal use of natural light and energy efficient mechanical systems
- ✓ Works undertaken in a live campus environment, requiring extensive engagement with stakeholders to ensure the continued quiet amenity
- ✓ Located within the Macquarie University Campus' emerging Hearing Precinct
- ✓ Accommodates 1,250 employees within a seven-storey building

NORTH RYDE, NEW SOUTH WALES

Australian Hearing Hub

Unique technical expertise

CLIENT **Macquarie University**
EXPERTISE **Design + Construct**

- ✓ 5 Star Green Star Office V3 Design and As-built rating and 4.5 Star NABERS rating
- ✓ World-class, unique research facility for hearing and related speech and language disorders
- ✓ Engaged with leading consultants and subcontractors to identify services integration, material selection and to develop a specialised construction methodology
- ✓ The ISO 3745-compliant National Acoustic Laboratories' anechoic chamber is the crowning technical achievement of the facility, meeting or exceeding requirements in all tests
- ✓ Complex project scope featuring fully integrated fit-out with 12 different user groups to consult on tenancies



Integrated facility experts

BRISBANE, QUEENSLAND

Boggo Road Urban Village and Knowledge Based Research Precincts

This project comprised civil works for the Boggo Road Urban Village, the construction of the new Ecosciences Precinct and the Health and Food Sciences Precinct. These scientific centres of excellence were designed to complement one another, providing common areas and meeting rooms to promote collaboration whilst catering for quiet, unimpeded work in the world-class laboratory zones.

- ✓ The Ecosciences Precinct was Australia's first multi-agency centre dedicated to solving some of the country's biggest environmental issues
- ✓ Brings together more than 1,000 research staff from leading Queensland and Federal research organisations in one location
- ✓ Features laboratories up to PC2 and QC3 standards, a high-performance computer room and various specialty, controlled environment facilities
- ✓ The Health and Food Sciences Precinct was constructed within the Queensland Health Forensic and Scientific Services Complex



Award Winner

- 2011 Project of the Year
Master Builders Queensland (Brisbane)
- 2011 Professional Excellence
Award Commercial Construction
\$100 million plus
Australian Institute of Building
(Queensland)



CLIENT

**Project Services,
Queensland Government**



VALUE

\$365M



EXPERTISE

Managing Contractor



TIMELINE

2008 - 2010

UTSTEINEN NUNATAK, ANTARCTICA

Extraordinary capability



25 year

minimum lifespan in extreme conditions



1900 m²

triple glazed window modules



100%

of grey and black waters recycled

Princess Elisabeth Research Station

Antarctica's first 'zero emission' research station, the Princess Elisabeth was built 220 kilometres inland and can accommodate up to 40 people.

The station was built to withstand winds of up to 250 kilometres per hour and temperatures down to -50 degrees Celsius. It was constructed over several stages, beginning with the technical area comprising garages and the workshop, then anchoring the structure to the site, and finally the assembly of the outer building.



CLIENT

International Polar Foundation



EXPERTISE

Construct Only



TIMELINE

2007 - 2009



PARTNERS

Prefalux



- ✓ Anchoring the structure required great precision due to the hardness of the granite
- ✓ The outer building is comprised of a post and beam structure, and nearly one hundred modules
- ✓ The sloped building design allows the Antarctic winds to naturally clear accumulating snow from the structure
- ✓ Harnessing extreme winds and constant summer daylight hours, the facility is powered by wind turbines and solar panels
- ✓ Revolutionary smart grid and the special composition of wall modules minimises energy loss while also making the building air and watertight

“*The genius of Princess Elisabeth Antarctica lies in the innovative methods of seamlessly integrating known building technologies, renewable energy and water treatment technologies into a structure and an operating system that mimics a living organism.*”

International Polar Foundation

Exceptional client value

LIDCOMBE, NEW SOUTH WALES



2,800

jobs created



10%

female participation



6.4%

Indigenous participation



\$3M

cost savings

Forensic Medicine and Coroner's Court

The largest coroner's court and forensic medicine facility in Australia, this state-of-the-art complex combines the health requirements of Forensic Medicine with the very different needs of active court rooms, demonstrating our versatility.

We delivered the three-storey facility with a strong emphasis on sensitive and modern coronial services that respect the loss of life, along with a more collaborative work environment and much-needed additional capacity for the State.



CLIENT

New South Wales Government



VALUE

\$70M



EXPERTISE

Design + Construct



TIMELINE

2017 - 2018



Examination and viewing facilities have been designed to provide even greater dignity and respect for the deceased patients and their families. It will also foster seamless collaboration between forensic medicine, coronial staff and police.”

Elizabeth Koff
Secretary of NSW Health



Multi-award Winner

- 2019 **Best Health Building (\$50 million - \$100 million)**
Master Builders Association (New South Wales)
- 2019 **Women of the Built Environment**
RICS
- 2019 **Professional Excellence Award (Infrastructure)**
Australian Institute of Building

- ✓ Containment cells installed to address existing in-ground contamination resulting in a \$3 million cost saving
- ✓ Frequent risk assessments were undertaken to ensure continual power supply and no disruption from vibration, noise or access issues to ongoing specialised forensic work and multimillion-dollar equipment
- ✓ Comprehensive user group consultations, construction of prototype elements and observation of real forensic processes to inform our construction methodologies
- ✓ Hard-working cantilevered structural beams designed and installed to support the cascading roof panels, designed to capture up to 80 per cent of rainwater
- ✓ Close partnership with the local supply chain supported a successful defect-free handover, on time and on budget

Partner in excellence

OUR PURPOSE

WE EXCEL IN CREATING SUSTAINABLE SOLUTIONS FOR A BETTER WORLD

OUR VALUES



Excellence

We are committed to operational excellence, high performance and delivering on our promises safely.



Co-creation

We collaborate with our clients and partners to drive innovation that makes a difference.



Respect

We are genuine, considerate and act with integrity and candour.



Passion

We seek to inspire, going the extra mile to achieve results that exceed expectations.



Unity

We work as one team to achieve our shared purpose.





▲ Groupe Hospitalier Sud Ile-de-France



Best for project teams

Our teams are hand-picked specifically for each project. We bring together the best people, consultants, sub-contractors, delivery partners and networks to ensure the right technical skills, cultural fit and client focus to achieve on-time and on-budget project delivery.



Culture of excellence

By investing in the development and wellbeing of our people, we create a culture focused on safety and exceeding client expectations. This is underpinned by our values and supported by our in-house leadership program, formal continuous improvement processes and structured knowledge sharing across the BESIX Group.



Flexible, streamlined project delivery

We partner with our clients to deliver projects through various contracting methods, including Public Private Partnerships (PPPs), Managing Contractor, Early Contractor Involvement (ECI), Design and Construct (D&C), or Construct Only. Irrespective of the contract model, we embrace a flat management structure to enable streamlined communication between all project stakeholders to make clear and efficient decisions.



Building Information Model (BIM)

Building Information Modelling affords numerous benefits to the design, construction and operation of a project. Our dedicated BIM Manager oversees design development and coordination of the BIM datasets. By working closely with the design team and cost planner, efficiencies are fully leveraged and any clash detection identified. This enables constructability issues to be resolved well before construction begins. BIM processes can be further utilised to verify BIM elements to the as-constructed form. Ideally the BIM datasets are then used to optimise asset life and facilities management.



Safety, quality and sustainability

While our systems are certified to Australian, New Zealand and ISO standards, it is our commitment to continuous improvement that ensures we bring best-practice safety, quality and environmental outcomes to all our projects. We have experience in delivering commercial projects to achieve a minimum 5 Star Green Star Design and As-built Ratings.

Partnering with an experienced, collaborative contractor is essential for a high-quality, future-proofed asset; delivered with excellence.

Maximising local benefits

SUPPORTING LOCAL JOBS AND PROCUREMENT OPPORTUNITIES

▼ Project activity since 2014



80%+

Average portion of total construction hours by local trades and businesses



500+

Jobs created for Indigenous people



2,000+

Career pathways for apprentices



2M+

Training hours achieved across 60 projects

We believe the benefits of social procurement should flourish during construction and long after the project is completed. This places jobs, diversity, training and skills development front of mind at every step of project delivery.

With strong local connections, particularly through regional Australia, we are committed to maximising local jobs, Indigenous participation, social benefit and homegrown content.

Partnering with clients and community leaders, we inject millions of dollars into local economies through the creation of career pathways and apprenticeships and by enhancing local business capability.

Engaging early with local industry, we evaluate supply chain capability, training and skills development opportunities - delivering long-term economic and social benefits to the community.



^ Indigenous smoking ceremony at a BESIX Watpac project site - held within a designated safety exclusion zone with all works ceased.



BESIX Watpac has taken a really personal approach with our local community. They have responded to anything the community wanted to talk about. Nothing has been too difficult.”

Client feedback



• Meet the contractor barbecue



Our blueprint for vibrant communities

- ✓ Procurement and tendering processes are transparent, fair and locally driven
- ✓ Trade packages are broken down to reduce risk and create local opportunities
- ✓ Sub-contractors are connected with Indigenous people and are supported to succeed
- ✓ Training pathways are established through local tertiary institutions including universities and colleges
- ✓ Benefits are created beyond construction such as support for community programs

• BESIX Watpac's Reconciliation Action Plan artwork

Experience you can count on....

1993

Caboolture Hospital

St Andrew's Place Medical Centre

2002

St Andrew's War Memorial Hospital

St Vincents Hospital ICU Unit

2008

Old Smart Water Research Facility

Mt Olivet Hospital Early Works Phase 1-3

Australian Synchrotron Beamline Expansion

2010

BRUV & KBRB

Mt Olivet Hospital Stage 1

QHFSS Complex W8 Project

ATSIP

Boggo Road Sewer Augmentation

2012

QIMR Smart State Medical Research Centre

Australian Hearing Hub

1998

Mater Hospital Ward C

2004

Mater Hospital Sub Acute Rehab Step-Down Facility

Townsville General Hospital Basement

2006

Laser Vision Eye Surgery

Mater Medical Records

Mater Cardiovascular Interventional Centre

151 Robertson Street Dental



1999

Central Energy Facility, PA Hospital

2003

Mater Hospital Various Projects

2007

Queensland Brain Institute

Melton and Craigieburn Super Clinics

2011

Nambour Hospital New Ward Block & Refurbishment

QH SEQ Distribution Centre

2009

Princess Elisabeth Antarctica

QELI Jubilee Hospital Elective Surgery Expansion

Holy Spirit Hospital Northside

1995

Holy Spirit Hospital

2005

Wesley Hospital OR Expansion and Refurbishment

2013

Translational Research Institute

2014

Cleveland Clinic, Abu Dhabi, UAE

- Port Macquarie Base Hospital
- PC3 Laboratory Annexe
- Ayr Hospital Rural Remote Infrastructure Rectification Works
- Sub-Acute Facility Townsville Hospital

2016

Knox Private Hospital Expansion

- Baptcare Strathalan Residential Aged Care Facility
- Medium Secure Mental Health Rehabilitation Unit
- AITHM + TRF

2020

Casey Hospital Expansion

- Jewish Care Senior Living Community
- Herston Quarter
- Roma Hospital Redevelopment

2018

Groupe Hospitalier Sud Île de France

- Forensics Medicine & Coroners Court



2015

EDF Lab, Paris-Saclay

- Kempsey District Hospital
- Mater Private Hospital Springfield
- Gold Coast Private Hospital

2017

Frankston Private Hospital Expansion

- Australian Nuclear Science and Technology Organisation (ANSTO) Nuclear Medicine

2019

- Australian Unity Retirement Community

2021 & beyond...

Hornsby Ku-ring-gai Stage 2 & Medical Imaging Facility

- Ambroise Paré Private Hospital



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