HEALTHCARE EXPERIENCE

2005
- EPWORTH HOSPITAL BOX HILL $40M
- ST ANDREW’S WAR MEMORIAL HOSPITAL $42M
- ST VINCENT’S HOSPITAL REDEVELOPMENT/REFURBISHMENT $4M

CCPP DIAGNOSTIC PROCUREMENT (UK) £2.2B
CCPP ELECTIVES PROCUREMENT (UK) £3.5B

2004
- DOH MOBILE MRI PROCUREMENT (UK) £74M
- HAMMERSMITH HOSPITAL IMAGING FACILITY (UK) £60M
- DOH MOBILE OPERATING THEATRES PROCUREMENT (UK) £120M

2003
- EPWORTH HOSPITAL RICHMOND $22M
- DOH INDEPENDENT SECTOR TREATMENT CENTRES (UK) £500M
- DOH MOBILE OPHTHALMIC SURGICAL FACILITIES (UK) £60M

2002
- ROYAL WOMEN’S HOSPITAL REDEVELOPMENT $120M
- ROYAL BRISBANE HOSPITAL REDEVELOPMENT $80M

2001
- INNER & EASTERN HEALTH CARE NETWORK $43M

2000
- ROYAL BRISBANE HOSPITAL REDEVELOPMENT $240M
- ST ANDREW’S WAR MEMORIAL HOSPITAL $13M
- MATER HOSPITAL COLLOCATION AT REDLANDS HOSPITAL $12M
- WESLEY HOSPITAL $121M
- LOGAN HOSPITAL REDEVELOPMENT $20M

1999
- IPSWICH HOSPITAL REDEVELOPMENT $55M
- SOUTH WEST HEALTH CAMPUS $53M

1998
- ROYAL MELBOURNE $10M
- THE ALFRED HOSPITAL $5.8M
- ST JOHN OF GOD MEDICAL CLINIC $35M

1997
- TOOWOOMBA HOSPITAL REDEVELOPMENT $45M

1995
- ST VINCENT’S HOSPITAL IN-PATIENT FACILITY $160M

www.ndy.com
As international multidisciplinary engineering consultants, NDY is committed to delivering cost effective and innovative engineering designs. By embracing evidence-based design techniques, NDY responds to client business objectives, contributing significantly to the creation and maintenance of health-friendly environments to benefit patient, staff and therefore healthcare providers.

Scientific research focusing on evidence-based design outcomes has shown that sound design contributes to:
- improving patient recovery times
- reducing hospital-acquired infection rates
- reducing the incidence of patient treatment errors
- lowering stress levels
- enhancing staff retention rates

NDY maintains that the building services we engineer today should withstand the test of time, and are forward thinking, efficient, user-friendly, safe, environmentally sound, delivered on time, within budget and satisfy the client brief.

NDY risk management and fully accredited in-house quality assurance protocols ensure that our design processes are subjected to rigorous periodic in-house scrutiny and refinement.

The basic principles of research, continued learning, and close integration with healthcare practitioners, further differentiate our services to clients. The outcome is an international team of NDY Health engineers who provide consistently world class results.

**NDY Health**

NDY Health has a considerable track record in acute health projects throughout Australia, New Zealand and the United Kingdom.

The NDY Health initiative reflects a group commitment to delivering exceptional engineering services to the highly specialised healthcare industry.

NDY brings to healthcare qualified and skilled personnel with broad capabilities in electrical, mechanical, communications, fire protection, vertical transportation, hydraulics, specialist lighting and ESD services.

Each practitioner has a strong understanding of the discipline-specific functional imperatives that underpin a successful healthcare facility and design.

NDY Health aims to become the point of reference for innovative patient-focused solutions on health, teaching and research laboratory projects.

**Our Philosophy**

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**NDY Services**

**NDY Engineering Disciplines**
- Mechanical
- Electrical
- Building Automation
- Security
- Fire Protection
- Communications
- Hydraulics/Public Health
- Vertical Transportation

**NDY Specialisations**
- NDY Acoustics: Noise, Sound, Vibration
- NDY Environment: Sustainable Engineering
- NDY Fire: Fire Safety Engineering
- NDY LIGHT: Creative Lighting Design
- NDY MPplus: Energy & Maintenance Management
- NDYnet: Networks, Exchanges & Telecoms

**NDY Specialist Industry Sectors**
- Construction Quality: Equipment, Materials & Workmanship
- Infrastructure: Rail, Roads, Tunnels
- Information Technology
- Power Quality: Power Performance, Protection & Safety
- Tenancy, Interiors & Refurbishment

**NDY Deliverables**
- Feasibility Studies
- Due Diligence Reports
- Design Briefs
- Performance Specifications
- Design Documentation
- Engineering Cost Plans
- Procurement Frameworks
- Construction Quality Reports
- Inspection & Test Plans
- Commissioning Programs
- Energy Audits
- Risk Assessment Audits
- Maintenance Management
- Electronic Online Documentation
- Education Program
OUR EXPERIENCE INCORPORATES
ACCIDENT & EMERGENCY
AGED CARE
BREAST SCREENING
CENTRAL ENERGY FACILITIES
CENTRAL STERILISATION UNITS
COMMUNITY & REHABILITATION
CONSULTING SUITES
CRITICAL CARE
DAY & RESpite CARE
DAY SURGERIES
ENDOSCOPY UNITS
HIGH DEPENDENCY
HYDROTHERAPY
INTENSIVE CARE
KITCHENS & CATERING
MATERNITY & OBSTETRICS
MORTUARIES
NUCLEAR MEDICINE
ONCOLOGY
OPERATING THEATRES
PAEDIATRIC
PALLIATIVE CARE
PATHOLOGY & LABORATORIES
PHARMACIES
PSYCHO-GERIATRIC CARE
RADIOLOGY, IMAGING & MRI
REPRODUCTIVE MEDICINE
SERVICES INFRASTRUCTURE
SIMULATED SKILL DEVELOPMENT UNITS
SURGICAL & MEDICAL WARDS
As part of the redevelopment of St Vincent’s Hospital in Melbourne, NDY was involved in the design and construction of the $160M in-patient facility. Further NDY contributions at St Vincent’s Public Hospital include:

- **MRI** Design of all services for a second Siemens MRI machine installed in the basement of the Healy Wing.

**Healy Wing**
Upgrading electrical, mechanical, hydraulic and fire services to rejuvenate the Healy Wing, including a new substation, main and construction of the $160M medical surgical training facility, which incorporates a conference room, lecture theatre, laboratory, mock theatres and patient simulator.

**Consulting Suites**
The design of all services for 800m² of new consulting suites for both private and public hospitals.

**Medical Surgical Training Facility**
The design of all services for a state of the art medical surgical training facility, interfacing with audio-visual systems, and medical gases.

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**As part of the redevelopment of St John of God Hospital redevelopment comprises substantial expansion and refurbishment of existing accommodation.**

NDY is responsible for design and documentation of mechanical services and complex medical gas systems.

**Main aspects of the redevelopment include:**
- expansion of the theatre suite and comprehensive Cancer Care Centre
- an ambulatory care centre comprising day procedure unit and consulting facilities
- a landmark chapel
- multi-level car parking
- progressive refurbishment of existing accommodation

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