

Health services





Health services

Healthcare infrastructure delivery is a highly specialised skill set that is well understood by NSW Public Works.

Our expertise has been developed over many years working with NSW Government Healthcare agencies to plan and deliver a range of healthcare projects including specialised clinical environments, mental health and community health facilities and the essential engineering services required to support them.

We are well versed in the risks and issues inherent in the design and construction of healthcare facilities, as well as the complexity of undertaking healthcare projects on operating hospital sites.

Our experience also covers health funding sources and cycles and their effect on capital programs, including balancing capital investment with recurrent cost to ensure health facilities are sustainable.

Our Healthcare sector capability is a lifecycle approach across three areas - Health Services Infrastructure, Health Services Engineering and Health Services Asset Management.

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Our expertise

NSW Public Works has the capability and experience in providing **resilient, robust** and **adaptable** health services infrastructure in **urban, regional** and **rural** communities.



- Project and program management
- Contract management
- Stakeholder consultation and project user group management
- Procurement strategy development
- Design, tender and construction phase management
- Facilities and asset management
- Sustainability advice
- Health project business case planning
- Understanding of key planning and design principles for healthcare facilities
- Understanding health funding sources and requirements
- Land acquisition and property services
- Environmental and planning
- Survey and spatial

Rural Hospital Staff Accommodation Program

Client: Hunter New England and Far West LHDs

Location: Hunter New England and Riverina Western Regions

Services provided: Program management and contract management

NSWPW are collaborating with Hunter New England Local Health District and Western NSW Local Health District to deliver the Rural Hospital Staff Accommodation Program.

59 housing units have been delivered across 17 rural hospital sites. These were a mix of prefabricated and more traditionally built units. The self-contained units are designed to be comfortable, private, and secure, and are expected to attract and retain visiting medical professionals. All units were designed with energy efficiency and comfort in mind and include the use of solar panels and rainwater tanks.



Belmont Hospital – operating theatres redevelopment

Client: Hunter New England Local Health District (HNE LHD)

Location: Belmont

Services provided: Project management services from inception to completion

The existing theatre complex at Belmont Hospital was outdated and had limited space and resources to cope with an increase in high volume short stay surgery and procedural work. The project aimed to address the service need by constructing an additional operating theatre, increased recovery areas, amenity, storage, CSSD space and improved functionality. Additional works were undertaken to refurbish existing rooms with surplus funding. The project was a mixture of new building (including an extension to the Hospital) and refurbishment construction works heavily staged to ensure the ongoing operation of the existing theatres.

NSWPW were engaged in late 2017 as project managers, responsible for delivering the project from initiation through to completion.



Strategic asset management plan

Client: Far West LHD, Broken Hill Hospital

Location: Broken Hill

Services provided: Advisory, asset maturity assessment, departmental consultation, and review of current asset management plan contents and update

Asset management provides a systematic approach for the development, operation, maintenance and disposal of public infrastructure. NSWPW ensures all documentation meets regulatory requirements while tailoring the documents to reflect the client's specific asset management needs.

In 2022 NSWPW updated Broken Hill's Strategic Asset Management Plans and Asset Management Plans. As a Health entity, the client needed to invest in flexible infrastructure that supports patient care. NSWPW review of the asset management practices and processes included consultation and collaboration with the Broken Hill team. As a result a number of improvement recommendations that address the client's objectives were implemented in the Asset Management Plan.



John Hunter Children's Hospital (PICU)

Client: Hunter New England Local Health District

Location: Newcastle

Services provided: Project Management services of design finalisation, procurement, and construction.

John Hunter Children's Hospital is one of three children's hospitals in NSW and the only one outside the Sydney metropolitan area. The hospital required a new Paediatric Intensive Care Unit (PICU) to accommodate increased demand for services across the region.

The refurbishment included a new reception area, expanded staff room, and a new standalone eight bed PICU and four bed ICU together with a landscaped memorial AIDS garden.

An external terrace caters for patient and family use and additional shell space was provided to allow for future clinical expansion and administrative office fit-out.



Water security and efficiency project

Client: Western NSW Local Health District

Location: 39 regional locations in Western NSW

Services provided: Advisory, procurement, contract management

The Western NSW Local Health District approached NSWPW to manage a project of assessing the water security of the 39 hospitals in the region. NSWPW worked with the various sites and the sustainability leads across the organisation to determine the parameters to be focussed on, including payback period, internal rate of return etc. The resultant report included the data and summarised opportunities for all facilities collectively and identified potential larger and / or scalable projects. Opportunities were identified for short, medium and longer term implementation, which allowed the client to have some immediate wins, and plan for larger refurbishments or new designs. The clients were also planning to use the report for funding applications for larger projects.



Singleton Hospital - birthing suites

Client: Hunter New England Local Health District (HNE LHD)

Location: Singleton

Services provided: Project Management services from inception to completion

Singleton Hospital's new birthing suites have received high commendation from the local community and hospital staff since its opening

The project involved the construction of a new addition to an existing hospital building to accommodate two new state-of-the-art birthing suites, which replaced the existing small, outdated and non-compliant suites. NSWPW partnered with HNE LHD through all phases of the project from initiation and planning through to delivery. The new facility utilises a combination of curved walls, joinery to conceal medical equipment, imagery, and generous circulation spaces to create a safe and relaxing space for mothers and families to experience birth.



Camden Haven HealthOne

Client: Mid North Coast LHD

Location: Camden Haven

Services provided: Project management

The new Camden Haven HealthOne at Laurieton provides the local community with a modern, one-stop hub for their healthcare needs. The integrated health facility brings together a range of healthcare services and providers under the one roof to boost health outcomes for the Camden Haven community. The services include: oral health, chronic disease management, allied health services, aged care services, child and family health services, mental health and drug and alcohol services.

NSWPW provided project management services for the delivery of this project



HNE Local Health District Sustainability Program

Client: Hunter New England Local Health District (HNE LHD)

Location: 35 locations in HNE

Services provided: Technical advice, project and contract management

HNE LHD's Sustainability Strategy sets a target to be carbon and waste neutral by 2030. NSWPW has been assisting them, providing technical leadership and project and contract management services and installing solar PV on 35 sites to date. Newcastle's John Hunter Hospital is now home to the largest hospital rooftop photovoltaic solar system in the southern hemisphere, with more than 5,300 panels covering almost 12,000 square metres. Construction safety was a critical success factor, with work occurring on an operating public hospital during the COVID-19 pandemic and managing multiple crane lifts within a busy medical helicopter flight path.



Wollongong Hospital - replacement of chillers

Client: Illawarra Shoalhaven

Location: Wollongong

Services provided: Design Management, Procurement of Consultant and Contractor, Contract Administration.

Wollongong Hospital had two gas engine driven chillers and associated plant installed in the mid-1990s, which were no longer adequate to satisfy the cooling loads within the building. These chillers required regular and expensive maintenance, had poor reliability and high running costs. They were replaced with higher capacity electric chillers which are more reliable, require less maintenance, are highly efficient and operating noise is considerably lower than the original gas engines. The works had to be delivered while maintaining the operation of Blk B which contains wards, operating theatres, diagnostic services etc.



John Hunter Children's Hospital NICU

Client: Hunter New England Local Health District

Location: Newcastle

Services provided: Project management

John Hunter Children's Hospital Neonatal Intensive Care Unit (NICU) provides highly specialised, family-centred care for sick and premature newborns spanning an area from Newcastle to the Queensland border.

The unit cares for more than 1,100 premature and sick newborns each year and is one of the largest neonatal units in NSW. The NICU opened 32 new special care spaces in 2016 along with a palliative care room, showers, a new waiting area, three counselling rooms and a family room with overnight accommodation.

The project was staged and delivered without any interruption to the existing NICU clinical service



Gladesville Hospital - restoration works

Client: Ministry of Health NSW

Location: Gladesville, Sydney

Services provided: Heritage conservation

During a high-level façade inspection of Building 30, undertaken by a multidisciplinary heritage conservation team, it was found that much of the overhanging stone was deteriorated and had reached the end of its service life.

The scope of façade conservation works included replacement of structurally unsound stone, cleaning, repointing, minor synthetic stone repairs, repair and repainting of timber elements, removal of metal inserts and redundant services, lead weatherings to the pediments, string course and chimneys, new slate chimney pots, removal of concrete roof tile, slate roof reinstatement and bird-proofing.

The condition of this asset has now been secured for the next 50-100 years.



Leeton Emergency Department - upgrade

Client: Murrumbidgee Local Health District

Location: Leeton

Services provided: Project management

Murrumbidgee Local Health District engaged NSWPW to manage the tender process and construction. All current services at Leeton Hospital continued while the upgrade works were underway. The upgrade to the emergency department included reinstatement of existing front entry with compliant ramp and stairway, new entry to Carramar House and upgrades to entire ED treatment area including dedicated resuscitation room as well as improvements to the waiting room, staff areas and patient and traffic flow throughout hospital.



Why choose NSW Public Works?



Accredited for planning and delivery of capital works

NSWPW is accredited under the NSW Government Agency Accreditation Scheme for Construction to manage the planning and delivery phases of construction and capital works procurement. NSW State and Local Government entities can directly engage the services of NSWPW under the provision of NSW Government Procurement Board Direction PBD 2020-04 and Section 55 of the Local Government Act 1993, providing efficiencies and cost savings.



Strong focus on quality, environmental and safety management

NSWPW operates under triple certification for quality, occupational health and safety (WHS) and environmental (QSE) management systems. These systems and processes provide the foundation for delivering quality projects and a continuous improvement culture, that embraces QSE leadership at all levels and integrates QSE into all activities. NSWPW Project Management Framework is the backbone of our quality system and is used to manage our projects and ensure we deliver to agreed requirements.



State-wide resources

Regional clients benefit from our state-wide network of offices enabling them to source expert project management personnel familiar with the conditions and construction industry issues in their area. This proximity reduces servicing costs, facilitates improved stakeholder communications and enables us to respond quickly to your needs, providing a single point of contact for all services.



Government relationships and knowledge

Successful delivery of complex infrastructure projects relies on effective interaction with stakeholders and regulatory government agencies. NSWPW unique position within NSW Government enables us to bridge the gap between our clients and Government stakeholders to ensure necessary consultations and approvals are undertaken efficiently and effectively.



Managed risks

We place considerable emphasis on advising clients of their risks on projects, including the options and costs to manage these risks. Wherever possible, risks are identified early and inform our planning and procurement strategy development processes. Risks are continuously monitored and updated as projects progress and discussed and managed with clients and contractors.

Working across NSW

HUNTER NEW ENGLAND

Newcastle
117 Bull Street
Newcastle West NSW 2302

Tamworth
155-157 Marius Street
Tamworth NSW 2340

Armidale
85 Faulkner St
Armidale NSW 2350

Inverell
7023 Gwydir Highway
Inverell NSW 2360

NORTH COAST REGION

Lismore
120 Dally Street
Lismore NSW 2480

Coffs Harbour
359 Harbour Drive
Coffs Harbour NSW 2450

Port Macquarie
Level 2, 41-47 Horton Street
Port Macquarie NSW 2444

SYDNEY METRO

Parramatta
4 Parramatta Square
12 Darcy Street
Parramatta NSW 2150

The Rocks
66 Harington Street
Sydney NSW 2000

SOUTH COAST REGION

Wollongong
Level 3, Block E
84 Crown Street
Wollongong NSW 2500

Goulburn
Suite 5, 167 Auburn Street
Goulburn NSW 2580

Moruya
66 Campbell Street
Moruya NSW 2537

Queanbeyan
Ground Floor East
11 Farrer Place
Queanbeyan NSW 2620

RIVERINA/WESTERN REGION

Bathurst
Level 1, 346 Panorama Avenue
Bathurst NSW 2795

Dubbo
34 White Street
Dubbo NSW 2830

Broken Hill
Level 1, 32 Sulphide Street
Broken Hill NSW 2880

Griffith
104 - 110 Banna Avenue
Griffith NSW 2680

Wagga Wagga
2-6 Coleman Street
Wagga Wagga NSW 2650

Dareton
1998 Silver City Highway
Dareton NSW 2717



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