

INFRASTRUCTURE SERVICES

Outcome

Government infrastructure meets community needs.

Overview

Infrastructure Services provide strategic and policy advice on infrastructure planning, building sustainability, energy management and capital works project definition. The group is also responsible for procurement, specification services, program management and construction industry liaison.

Infrastructure Services provide professional advice and services to government agencies so:

- government built assets support department service delivery at optimal life cycle costs
- government programs support a viable and sustainable local design and construction industry
- the Department of Planning and Infrastructure's (DPI's) procurement activities meet government requirements and industry expectations.

The division is structured into three branches:

- **Infrastructure Development** provides strategic advice and policy on a whole-of-government basis for infrastructure planning, building sustainability issues, energy management and the scoping and definition of capital works projects.
- **Asset and Program Management** manages asset information systems and capital works and repairs and maintenance programs.
- **Procurement** oversees and coordinates all of DPI's procurement matters in accordance with the *Procurement Act* and Procurement Directions. Procurement manages the technical specifications and records of contract drawings as constructed drawings and plans for government built assets. The branch also undertakes construction industry liaison with industry groups, relevant professional bodies and individuals.

Who We Are

- Professional officers
- Technical officers
- Administration staff.

Who We Serve

- Northern Territory Government
- Building/civil design and construction industry
- Construction Division General Business Division.

What We Do

- Provide support to agencies during the build asset acquisition process to ensure all major project proposals satisfy government requirements.
- Help agencies develop functional design briefs that accurately reflect service delivery requirements.
- Undertake post construction and post occupancy reports.
- Continue to improve the build asset acquisition process.
- Involve the design and construction industry in all stages of the build asset acquisition process.
- Report to government on the state of the Northern Territory design and construction industry.
- Provide whole-of-government asset management services including maintaining infrastructure information and inventories, supplying annual condition based requirements and helping agencies to develop repairs and maintenance programs.
- Provide guidance and advice to ensure procurement processes are competitive and transparent and that annual audits show increasing compliance with government procurement framework.
- Provide energy efficiency and sustainability technical and policy advice to agencies.
- Provide electricity data to agencies and collate the annual Northern Territory Government Building Energy and Greenhouse Report.
- Ensure national building sustainability initiatives are technically practical and, where possible, integrated in Northern Territory Government infrastructure.

Key Achievements for 2007-08

Infrastructure Services has delivered a substantial range of achievements over the reporting period 2007-08 including the following highlights:

Infrastructure Development

- Started preparing the Northern Territory Infrastructure Plan with a 10 year outlook and based on forward infrastructure requirements as identified by agencies, population projections, asset information and economic and regional development strategies.
- Supervised a funding application for the design, development and preparation of the Renewable Remote Power Generation Program for a solar air conditioning system for Araluen Art Gallery.
- Assisted Northern Territory Property Management include energy efficiency and other aspects of sustainability into Northern Territory Government lease negotiations.
- Assisted DPI achieve an 8.99 per cent reduction in energy intensity across the department's building portfolio by funding energy efficiency projects in Greatorex Building, Energy House, Parap Motor Vehicle Registry and other facilities.
- Gave Northern Territory Government schools access to an online energy tracking system to help with energy management.
- Provided funding and technical support to the Schools Energy Blitz Project, which is designed to achieve energy reductions and raise awareness.
- Project managed the development of a Sustainability Strategy for DPI examining building, planning, transport and infrastructure sustainability issues in relation to the department's functions and services.
- Provided funding through the Strategic Planning Fund to help agencies develop master or strategic asset management plans such as the *Northern Territory Prisons 10 Year Master Plan*, *Northern Territory 10 Year Infrastructure Plan*, *Building Sustainability Strategy*, *Transport Planning and Sustainability Strategy* and Darwin City Conceptual Design Overview.
- Distributed urban enhancement grant funds to Tennant Creek Town Council, Coomalie Community Government Council, Katherine Town Council, Alice Springs Town Council and the Darwin City Council for shopping centre access upgrades, playground equipment and security lighting for parks and laneways.
- Provided urban enhancement project funding for Tennant Creek main street redevelopment, Katherine Terrace beautification, Alice Springs public art and railway fencing, Nightcliff foreshore exercise station and history marker program, Girraween School bike path and Arafura Park shade structure.

Asset and Program Management

Started assessment for a replacement of the Asset Management System.

Identified repairs and maintenance requirements for government assets through administration of the Building Asset Management System (BAMS).

Provided advice on whole-of-government programs for capital works, minor new works and repairs and maintenance.

Managed BAMS to provide agencies with complete building infrastructure condition reports and identifies repairs and maintenance requirements.

Procurement

- Finalised the documentation required to implement the new Northern Territory Government Terms and Conditions for Construction Contracts.
- Finalised the development of the Tender Documentations Management System to be implemented in association with the new Terms and Conditions of Construction contracts.
- Introduced an early contractor Involvement-type contract for the Tiger Brennan Drive Extension Stage Two Project.

Priority Targets for Next Year

Infrastructure Development

- Oversee the implementation of energy audits and sustainability education under the Energy Smart Schools Program in partnership with the Department of Education and Training (DET).
- Fund energy efficiency facilities projects to identified government agencies through the Government Energy Efficiency Program.
- Fund projects to achieve best practice in energy usage and greenhouse gas emissions within DPI.
- Continue helping the Northern Territory Property Management Group to develop a policy to address sustainability in lease negotiations.
- Provide technical and policy advice to agencies regarding energy efficiency and sustainability including advice on Northern Territory Government Capital Works Projects.
- Provide funding to local, regional and remote communities for enhancement and beautification projects.
- Develop an implementation plan in accordance with Northern Territory Government *10 Year Infrastructure Plan*.
- Provide help to government agencies to develop Strategic Asset Management Plans through the Strategic Planning Fund.
- Develop functional design briefs for Northern Territory Government planned forward works.
- Develop a sustainability unit within DPI.

Asset and Program Management

- Finalise tender assessment, start product installation and configure the Asset Management System replacement.

Procurement

- Implement the new Terms and Conditions for Construction Contracts across the Northern Territory.
- Implement the new Tender Documentation Management System to complement the new Terms and Conditions of Construction Contracts.
- Conduct training and information sessions for the new Terms and Conditions of Construction Contract and Tender Documentation Management System.
- Finalise DPI's value for money policy in consultation with the construction industry.
- Introduce a new consultant panel contract for the 2009-12 period.

Performance Reporting

Assets and Program Management

Provide policy and other advice, manage the capital works and repairs and maintenance programs and maintain asset information systems.

Performance Measures	2007-08 Estimates	2007-08 Estimates Revised	2007-08 Actuals	Comments
Quantity				
Capacity to provide advice and analysis ¹	\$11.82m	\$12.43m	\$13.31m	Variation due to completed works on non Northern Territory Government-owned assets
Quality				
Client satisfaction with activities and services provided	95%	95%	83%	Commenced participation in newly formed Program Steering Group meetings to improve internal communication with stakeholders.
Timeliness				
Timeframes met as agreed	95%	95%	75%	Commenced participation in newly formed Program Steering Group meetings to improve internal communication with stakeholders.

¹ Includes repairs and maintenance (Asset Information System, Building Asset Management Services), minor new works, capital works and program delivery fees.

Infrastructure Planning

Provide strategic advice and policy on a whole-of-government basis for infrastructure planning, building sustainability issues, energy management and capital works project definition to ensure built assets are fit for purpose at optimal life cycle cost.

Performance Measures	2007-08 Estimates	2007-08 Estimates Revised	2007-08 Actuals	Comments
Quantity				
Capacity to provide policy advice and information relating to building sustainability measures	\$0.36m	\$0.36m	\$0.45m	
Strategic plans produced	15	15	25	18 functional briefs completed and seven strategic plans completed
Post-occupancy reviews completed	3	3	5	Two additional post-occupancy evaluations completed
Audits of Northern Territory Government buildings on energy consumption and emission reduction activities	10	10	9	
Quality				
Stakeholder satisfaction with activities and services provided	95%	95%	67%	Commenced participation in newly formed Program Steering Group meetings to improve internal communication with stakeholders.
Timeliness				
Timeframes met as agreed	95%	95%	67%	Commenced participation in newly formed Program Steering Group meetings to improve internal communication with stakeholders.

Procurement

Oversee and coordinate the department's procurement activities and provide direction on procurement matters in accordance with the *Procurement Act* so department procurement activities meet Northern Territory Government requirements and industry expectations.

Performance Measures	2007-08 Estimates	2007-08 Estimates Revised	2007-08 Actuals	Comments
Quantity				
Department Procurement Management Plan implemented	95%	95%	95%	
Department submissions compliant with Procurement Review Board policy	95%	95%	96%	
Quality				
Stakeholder satisfaction with activities and services provided	95%	95%	84%	Commenced participation in newly formed Program Steering Group meetings to improve internal communication with stakeholders.
Timeliness				
Specified timeframes met	95%	95%	95%	