Government of
Northwest Territories

IDENTIFICATION

Department	Position Title	
Finance	Enterprise Architect	
Position Number(s)	**Community**	**Division/Region(s)**
15-14940	Yellowknife	Governance, Planning and Security/HQ

PURPOSE OF THE POSITION

The Enterprise Architect is responsible for the creation, iteration, and maintenance of structures such as enterprise and business architectures embodying the key principles, methods and models that describe the organization's future state, and that enable its evolution. The Architect provides strategic planning advice and direction across government and advises business and technology leaders on the alignment of strategic business needs with technology solutions.

SCOPE

The Enterprise Architect (Architect) is located in Yellowknife and reports to the Manager, Strategy, Planning and Architecture within the Governance Planning and Security division of the Information Systems Shared Service.

The Architect plays a key role in all areas of the Division's responsibilities, including the development and implementation of a government-wide Information Management and Technology (IMT) strategy, policy, planning and information security, and leads government-wide IMT architecture processes. A primary goal is to facilitate technology change in a manner that maximizes value and minimizes change management issues (duplication, integration) across multiple architecture domains (business, information, data, solutions, infrastructure, etc.).

As the lead Enterprise Architect role within the GNWT, the Architect will be responsible for developing the overall Enterprise Architecture program, and discipline. The Architect will focus on providing architectural advisory services to departments and agencies, and will contribute to corporate, cross-departmental initiatives. The position will have a reciprocal

dotted line (indirect oversight) matrix reporting relationship with all departmental technology and business architecture positions.

This typically involves the interpretation of business goals and drivers; the translation of business strategy and objectives into an IMT "operating model"; the strategic assessment of current capabilities; the identification of required changes in capabilities; and the description of inter-relationships between people, organization, service, process, data, information, technology and the external environment. The architecture development process supports the formation of the constraints, standards and guiding principles necessary to define, assure and govern the required evolution; this facilitates change in the organization's structure, business processes, systems and infrastructure in order to achieve predictable transition to the intended state.

This key leadership role brings insight to investment decisions that prioritize operational demands, risks and opportunities with the longer-term strategic vision of the organization.

The Enterprise Architect will provide advice and guidance to Deputy Ministers through the Informatics Policy Council (IPC), at the request of the Director, Governance Planning and Security and/or the Government Chief Information Officer.

RESPONSIBILITIES

1. **As a strategic planner, the position influences the senior executive and business leaders to embrace enterprise architecture as an enabler of business transformation. It does this by:**
   - Leading enterprise-wide business transformation and technology discussions relative to future enterprise direction and working with departmental senior management to develop appropriate plans and strategies for new technology adoption and/or replacement.
   - Helping business leaders understand business requirements and how technology tradeoffs influence strategy. Specifically, tradeoffs in cost, time and quality when new technology is deployed in place of an alternative.
   - Researching and assessing risks around emerging technology, industry, and market trends.
   - Managing relationships with key GNWT technology partners.

2. **As the lead Enterprise Architect, the position is responsible for leadership, EA governance and decisions to ensure cross-government alignment to EA policy, standards and technology roadmap. It does this by:**
   - Contributes to the creation and review of a systems capability strategy which meets the strategic requirements of the business.
   - Develops models and plans to drive the execution of the strategy, taking advantage of opportunities to improve business performance.
   - Takes responsibility for investigative work to determine requirements and specify effective business processes, through improvements in information systems, data management, practices, procedures, organization and equipment.

- Managing a dotted line (indirect) reporting relationship with all business and technology architecture positions across government.
- Establishing and overseeing an EA Community of Practice, including the recruitment, development, and retention of architecture staff and/or communities of practice.
- Leading an Architectural Review Board and ensuring that technology solutions are compliant with target-state architecture models.
- Developing and maintaining the EA roadmap to ensure cross-platform architectural components can be re-used and integrated, and specific goals such as modernization or transition to digital government can be achieved.
- Defining principles and processes to guide EA decision making, providing guidance, and defining IMT related architectures, to effectively support business strategies.
- Recommending architectural approvals and exceptions to ensure alignment with EA policy, standards and established architecture roadmap, including exception approvals.
- Effectively communicating all aspects of the EA program to departmental program areas, IMT stakeholders and technology partners to ensure EA compliance.
- Establishing metrics and reporting on EA process, outcomes, and results to the organization's senior leaders.

3. **As the Technical Architecture Subject Matter Expert, with expertise in multiple domains, the position supports all architectural disciplines and champions all architectural initiatives across the GNWT. It does this by:**
- Leading work on highly complex projects that require in-depth knowledge across multiple EA domains. Working with multi-disciplinary teams to move a process forward while meeting the needs of corporate and/or departmental program needs.
- Contributing EA expertise to business/department and IMT strategic planning.
- Initiating and delivering technology evaluations and recommendations.
- Mentoring others on how to apply architecture principles and best practices.
- Designing and overseeing implementation of end-to-end integrated systems.

WORKING CONDITIONS

Physical Demands

No unusual demands.

Environmental Conditions

No unusual conditions.

Sensory Demands

No unusual demands.

Mental Demands

The incumbent is seen as an expert; answers and swift resolution are required. The scope of work can involve politically sensitive issues and tight deadlines. Decisions often have long-range and/or costly effects. The incumbent will be required to travel periodically.

KNOWLEDGE, SKILLS AND ABILITIES

- Expert knowledge and experience in designing, developing, implementing, and managing an enterprise architecture program, encompassing multiple architecture domains, and developing a skills framework and discipline to advance EA knowledge and skills.
- Expert knowledge of Enterprise Architecture frameworks and methodologies, including but not limited to The Open Group Architectural Framework (TOGAF), the Zachman Framework for Enterprise Architecture or other.
- Detailed knowledge of IMT management frameworks such as COBIT 5, especially as they pertain to enterprise architecture and enterprise architecture standards such as TOGAF 9.
- Proven business acumen with a deep understanding of how business strategies/priorities translate to/impact on architectural requirements and common technologies.
- Knowledge and experience in project management methodologies, techniques and practices.
- Strong strategic planning and analytical skills, with expertise in scenario planning, system thinking, and problem solving.
- Excellent consulting and client relations skills needed to confidently interact with GNWT senior leaders, department stakeholders, technical staff and vendors.
- Superior written and oral communication skills with an ability to effectively communicate complicated ideas among diverse program areas to enhance understanding and build buy-in for enterprise objectives and approaches (e.g. simplification, modernization, business transformation, digital government).
- Ability to effectively lead and manage work of other Architects across government.
- Ability to effectively develop EA staff, including coaching and mentoring at varying levels.
- Articulate and persuasive communicator and negotiator.
- Experience in writing investment proposals, such as business cases.
- Strong leadership and team building skills.
- Able to research, analyze, and synthesize multiple concepts and priorities.
- Good change management and change leadership skills.
- Able to work with a high degree of independence.

Typically, the above qualifications would be attained by:

Bachelor's degree in computer science, information systems, computer engineering, system analysis, business management or a related field.

10 years of IMT and business/industry work experience including architecture design and deployment, systems lifecycle management, and infrastructure planning and operations, across multiple architecture domains.

Equivalencies may be considered.

ADDITIONAL REQUIREMENTS

Position Security (check one)

☐ No criminal records check required
☐ Position of Trust – criminal records check required
☒ Highly sensitive position – requires verification of identity and a criminal records check

French Language (check one if applicable)

☐ French required (must identify required level below)
  Level required for this Designated Position is:
    ORAL EXPRESSION AND COMPREHENSION
      Basic (B) ☐   Intermediate (I) ☐   Advanced (A) ☐
    READING COMPREHENSION:
      Basic (B) ☐   Intermediate (I) ☐   Advanced (A) ☐
    WRITING SKILLS:
      Basic (B) ☐   Intermediate (I) ☐   Advanced (A) ☐
☐ French preferred

Indigenous Language: Select Language

☐ Required
☐ Preferred