



JOB DESCRIPTION

Job Title: Senior Project Manager **Position Number:** 95-34

Incumbent: Vacant **Effective Date:** October 2026

Employment Status: Permanent **Bargaining Unit:** Yes ☒ No

Supervisor's Title: Director, Capital Projects **Department:** Engineering & Capital Projects

SUMMARY

Under the direction of the Director, Capital Projects, the Sr. Project Manager – Large Projects is responsible for leading major and complex capital projects and providing leadership and oversight to their project teams.

The position directly leads the Whitehorse Power Centres (WPC) Project, including two new thermal power generation facilities, associated substations, transmission and distribution infrastructure, and supporting works. The role is accountable for project delivery from initiation and project definition through design, procurement, construction, commissioning, and closeout. Responsibilities include developing the project charter and execution strategy, securing required project approvals, preparing Board reports, and managing scope, cost, schedule, risk, quality, and overall project performance

[Whitehorse Power Centres Project | Yukon Energy](#)

The Senior Project Manager works closely with internal stakeholders across Engineering, Operations, Planning, Procurement, and Finance, as well as external consultants and contractors, to achieve the overall project objectives. The role provides project leadership, coordinates multidisciplinary activities, and promotes clear communication and accountability to support successful project delivery.

DESCRIPTION

- Ensures compliance with all applicable legislation, regulations, industry standards, and Yukon Energy policies, procedures, and safety requirements.
- Leads all stages of the Whitehorse Power Centres (WPC) Project, from initiation through closeout, including thermal generation facilities, substations, transmission and distribution infrastructure, and associated works.
- Provides overall project leadership for the Whitehorse Power Centre, with accountability for scope, schedule, budget, risk, quality, safety, procurement, contracting, and project performance within delegated authority.
- Leads the planning and execution of complex power generation and electrical infrastructure projects, including diesel and LNG generation, substations, transmission systems, and integration with Yukon Energy's electrical grid.
- Works closely with Engineering, Operations, and relevant stakeholders to ensure project designs, equipment selections, constructability, commissioning, operability, maintainability, and system integration requirements are appropriately incorporated throughout project delivery.

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- Leads procurement and commercial activities for assigned major project in collaboration with Procurement and Legal, including procurement strategies, RFPs, contractor selection, contract negotiations, change management, and contract administration.
- Leads the planning and delivery of assigned major capital projects and programs within delegated authority, ensuring achievement of approved scope, schedule, budget, quality, safety, and operational objectives.
- Works closely with the Capital Program Manager (PMO) to ensure project teams provide accurate and timely cost forecast, schedule, risk, and performance information required for project controls, KPI tracking, portfolio reporting, and management decision-making.
- Fosters effective collaboration with internal departments, external stakeholders, regulators, consultants, contractors, and Indigenous governments.

EDUCATION

- Bachelor's degree in engineering or a related discipline, or an equivalent combination of education, training, and relevant experience.
- An Electrical Engineering background and/or Professional Engineer (P.Eng.) designation would be an asset.
- Project Management Professional (PMP) designation or an equivalent recognized project management certification is preferred.

KNOWLEDGE, SKILLS, EXPERIENCE

- Minimum 10 years of progressive engineering and project management experience delivering large and complex capital projects within the electric utility, power generation, or energy infrastructure sectors.
- Demonstrated experience leading thermal power generation projects from concept through engineering, procurement, construction, commissioning, and closeout, with experience in diesel and/or LNG generation and associated balance-of-plant systems.
- Strong experience delivering electrical infrastructure, including substations, transmission and distribution systems, and integration of new generation into the existing grid.
- Demonstrated ability to lead multidisciplinary project teams, engage stakeholders, and foster accountability for delivering project objectives.
- Strong knowledge of major capital project delivery, including scope, cost, schedule, risk, quality, change management, project controls, commissioning, and operational readiness.
- Experience planning and administering procurement processes, including preparation of RFI, RFQ, RFP, and tender documents, bid evaluations, and contract negotiations.
- Strong communication and stakeholder-management skills, with the ability to work across Engineering, Operations, Finance, Procurement, regulators, utilities, Indigenous governments, and external partners, and to provide clear project reporting and recommendations to senior and executive leadership.
- Demonstrated ability to prepare and present executive and board reports, including project status, key risks, and recommendations to support informed decision-making and project approvals.

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GENERAL COMPETENCIES

- Demonstrates strong leadership, mentorship, and team-building abilities.
- Possesses excellent planning, organizational, analytical, and problem-solving skills.
- Builds effective relationships through strong interpersonal, negotiation, and collaboration skills.
- Communicates effectively with a diverse range of internal and external stakeholders and adapts communication to the audience.

WORKING CONDITIONS

The majority of the work is performed in an office environment. Periodic travel throughout the Yukon is required to support project delivery and stakeholder engagement, including visits to construction sites, generation facilities, substations, transmission infrastructure, and other project locations. Site visits may involve exposure to active construction activities, operating utility facilities, and varying northern weather conditions.