



Construction Management Services



Company Background

PJ is a pipeline engineering, procurement and construction management (EPCM) services company with expertise in all aspects of delivering pipeline transportation systems globally. PJ personnel have the skills and experience required to safely manage our Client's pipeline construction projects.

Our mission is to safely execute pipeline projects within budget and on time, with minimal impact to the environment and the communities.

Pre-Construction Services

PJ personnel's experience in setting up procurement and construction management projects starts with the development of a definitive scope of work and a robust contract. Pre-construction planning for the pre-qualification of tenderers, tender preparation and a tender evaluation process needs to be allocated sufficient time.

PJ provides a full range of contracts and procurement tender services. Our experts can provide support from the initial structuring of the tender packages to prequalification, invitation, evaluation, negotiation and award.

Construction Management Services

Upon award of the contract, the transition into construction is critical for the success of the construction project. PJ can provide experienced management services to ensure a successful mobilization and execution of our Client's projects.

Health and Safety (H&S) management systems need to be in place as the project is mobilized to ensure that all personnel are inducted and trained in the "Zero harm" culture. Construction management has the responsibility for the safety of the workforce and the local communities.

Services

- Construction contract tender management
- Technical and commercial bid evaluation
- Construction management
- Health and Safety administration
- Contract management
- Cost and time control
 - Planning and scheduling
 - Payment structuring
 - Progress measurement and reporting
- Change management
- Geotechnical testing
- Geohazard mitigation
- Environmental and social compliance oversight
- Authority permit management
- Land acquisition management
- Pipeline installation procedures and method statements
- Pipeline special point installation procedures and method statements
- Station installation procedures
- Permit to Work system
- Capital & Operating Cost Estimates
- Procurement management
- Engineering follow-up in construction
- Hydrostatic Testing
- As-builts
- Preservation and corrosion management
- Pipeline integrity documentation
- Completions management
- Transition into Pre-commissioning
- Claims management
- Expert witness experience



Construction Management Services

Management of a pipeline construction project is multi-faceted and requires experienced personnel to provide management of the following activities in construction:

Pipeline construction management ensures coverage for all the above activities where the construction crews are constantly moving forward.

Post-Construction Services

PJ personnel have managed the handover from completions to the commissioning team and operations using our in-house completions system to monitor progress of interim handover, completion of punch list work and final handover to Operations. The final documentation handover is carried out in parallel.

Contract and service order closure involves the agreement of the final accounts with Contractors and Suppliers following completion of work and the reconciliation with Finance to allow final payments. Post project appraisal with lessons learned workshops are important for future project execution.

Multi-Discipline Services

Professional services and specialized expertise are available for a full range of customer requirements in construction. PJ has competent personnel with the experience necessary to manage health & safety, authority permits, environmental compliance, social compliance and land acquisition. This provides a single point of responsibility for management and coordination of these activities.

Types of Construction Projects

Brownroot projects: Projects where construction is to be carried out in or around operating facilities. We have managed shutdowns and have set up permit to work systems to execute the construction works safely.

Grassroot projects: Projects where existing operating facilities do not exist. We have been involved in the development of the supporting infrastructure (e.g. camps, pipe yards, etc.) at remote sites.

Types of Projects

- Concentrate pipelines
- Ore and tailings pipelines
- Water pipelines
- Oil and gas pipelines
- Large diameter long-distance pipelines
- HDPE lined pipelines
- Special Point construction
 - Road and Rail crossings
 - River, stream, swamp and aquifer crossings
 - Trenchless crossings
 - Steep slopes
 - Tunnel installations
 - Aerial installations
 - Geohazard crossings
 - Offshore

All work is in accordance to ISO 9001 and B31.4.