



PARSONS

AVIATION

BEYOND BOUNDARIES



PARSONS

Program Management/Construction Management

Founded in 1944, Parsons Corporation — an engineering, construction, technical, and professional services firm — is a leader in diverse markets, focusing on transportation, environmental/industrial, and defense/security.

We deliver design/design-build, program/construction management, and other professional services, packaged in innovative alternative delivery methods, to government agencies and private industrial customers worldwide.

Our global reach has extended to providing these services at more than 450 airports in 40 countries, with construction values in excess of USD \$175 billion. We plan, deliver, and sustain world-class airport infrastructure for a brighter, more efficient tomorrow.

Parsons Aviation — Beyond Boundaries.





WHAT IS PROGRAM MANAGEMENT?



Centralizes the process of managing the delivery of interrelated projects from inception through completion, structured to meet strategic business objectives



Integrates global best practices, lessons learned, and subject-matter experts, driving efficient, timely, and cost-effective program delivery



Provides robust processes and tools and sophisticated software platforms to manage complex interdependencies; deliver real-time information to support informed and effective decision making; track key performance indicators (KPIs); and provide forward-looking analytics, forecasts, and probabilistic analysis



Identifies and mitigates inherent risks associated with the delivery of complex, multi-year program objectives



Increases the probability of meeting owner and end-user business objectives and drives accountability and transparency

PROCESSES & TOOLS

- 1 Governance and delivery frameworks with associated automated workflows
- 2 Robust and customized performance measurement metrics and KPIs
- 3 Scalable reporting dashboards and project analytics at enterprise and project levels
- 4 Asset identification and management systems at both CAPEX and OPEX stages



WHAT DOES PROGRAM MANAGEMENT DO?

Define & Establish

Capital program need and preliminary program scope definition

Stakeholders/agencies having jurisdiction/involvement

KPIs/performance analytics and metrics

Establish & Implement Governance & Delivery Framework

Management and governance structure

Delivery framework/organizational chart

Responsibility matrix with clear roles and responsibilities

Standard operating policies/procedures and performance measurement baseline

Establish & Implement Procurement & Commercial Governance

Procurement and packaging strategies

Diverse suite of form of contracts

Bid review, evaluation, and selection criteria

Change control mechanisms and procedures

Design & Construction Management Services

Standardize design criteria across program and field supervision protocols

Establish decision gateways throughout the design process and implement closeout protocols

Implement design management tools and procedures

Provide field quality supervision/compliance and procedures/oversight



**Stakeholder
Management
Services**

Engage participation
of stakeholders

Establish stakeholder
protocols

Streamline stakeholder
input during execution
and commissioning

Manage stakeholder
expectations

**Commissioning
& Operational
Readiness
Services**

Develop and implement
test plans

Define acceptance and
turnover criteria

Establish and integrate
user operating
procedures

Develop and implement
operational testing

**Indirect
Benefits of
Program
Management**

Fosters open
communication,
accountability, and
transparency

Drives innovation

Promotes values of
safety, quality, and
sustainability

Aligns decision-makers
and stakeholders

Expedites resolution
of challenges

PROGRAM MANAGEMENT SERVICES

Needs Assessment/Programming
Feasibility/Program/Project Studies
Stakeholder Management/Outreach
Program/Project Delivery Options
Strategic Business Planning and Funding Strategies
Budgeting, Cost Planning, and Cost Estimating
Scheduling
Packaging Strategies, Phasing, and Logistics Planning
Procurement, Contract, and Commercial Management
Design Standards Development and Design Reviews
Program Controls/Risk Management
Safety, Quality, and Sustainability Management
Facilities Commissioning
Operational Readiness and Airport Transfer
Operations and Maintenance Planning

WHAT DOES PROGRAM MANAGEMENT COST?

Program management fees are generally in the range of 1 percent to 4 percent of the construction cost, depending on the level and extent of services procured, economies of scale, and organizational integration with the owner.





Beyond Boundaries

- ✓ We Plan.
- ✓ We Deliver.
- ✓ We Sustain.

World-class airport
infrastructure for a brighter,
more efficient tomorrow