

# NORTH AMERICA CAPABILITY STATEMENT

2022



# **OUR EXPERTISE**

WT IS ONE OF THE FASTEST GROWING P3 ADVISORY FIRMS IN NORTH AMERICA. FOUNDED IN AUSTRALIA IN 1949, WT HAS BEEN BUILDING MARKET TRUST IN NORTH AMERICA SINCE 2010. A TRUSTED ADVISOR TO HIGHER EDUCATION, GOVERNMENT, OWNERS, DEVELOPERS, AND PRIVATE SECTOR CLIENTS, WT CURRENTLY MANAGES BILLIONS OF DOLLARS OF ACTIVE MEGA PROJECTS ACROSS NORTH AMERICA. WHEN YOU WORK WITH WT, YOU ARE WORKING WITH THE COLLECTIVE THINKING OF OVER 1,700 OF THE PROFESSION'S LEADING PEOPLE.

**OUR EXPERTISE** covers the building, construction, and infrastructure sectors, as well as the management of facilities and the provision of consultancy services. WT provides integrated project services throughout the property / asset lifecycle from developing initial funding strategies to procurement and on to project delivery.

**OUR CLIENTS** can draw on expertise from our **P3 Advisory**, **Cost Consulting**, and **Project Delivery** consultancy services to ensure project goals are realized.

**OUR GOAL** is the successful achievement of our client's ultimate commercial objectives.



#### IF YOU WOULD LIKE TO FIND OUT MORE ABOUT WT...

#### PREMIUM CLIENT EXPERTISE

OUR TEAM HAS EXPERTLY ASSISTED THE FOLLOWING ORGANIZATIONS:



### **OUR FOOTPRINT**



UNITED STATES			
Austin, TX			
Boston, MA			
Cincinnati, OH			
Honolulu, Hi			
Los Angeles, CA			
New York, NY			
Phoenix, AZ			
Raleigh, NC			
San Francisco, CA			
W			

Toronto, ON Calgary, AB MEXICO

Mexico City

CANADA

Seattle, WA

#### GLOBAL OFFICE LOCATIONS

**CHNA** Beijing & Tianjin

Shanghai &

Hangzhou Guangzhou &

Shenzhen Chongqing &

HONG KONG

INDONESIA

Jakarta Jogyakarta

Wuhan

Suzhou Chengdu

ABA

#### OCEANA

AUSTRALIA Adelaide Brisbane Cairns Canberra Geelong Gold coast Hobart Melbourne Perth Sydney

NEW ZEALAND Auckland Wellington Christ church

Bali MACAU MALAY SIA Kuala Lumpur

> **SINGAPORE** THAILAND Bangkok

**VIETNAM** Ho Chi Minh Oty Hanoi

### INDIA

UK & EUROPE

UK & CHANNEL

ISLANDS Belfast

Birmingham

Cambridge

Exet er Guernsey

Leeds London

Manchester Nottingham Sheffield

Southampton Swansea

GERMANY

Stuttgart

ITALY Milan

SPAIN

Madrid

SWEDEN

Stockholm

Bangalore Chennai Delhi Hyderabad Mumbai Pune MIDDLE EAST

Abu Dhabi



# **OUR OFFERING**

#### MANY KNOW US AS 'P3' PEOPLE, BUT WE'RE A LOT MORE THAN THAT.

We know how to manage the complex upfront process by working with you to distill your vision and turn that into an actionable strategy. We have demonstrable experience translating a bold vision into tangible development plans that satisfy stakeholders and garner leadership support. Our service offering is summarized in the table below.

P3 PLANNING, DEVELOPMENT & TRANSACTION ADVISORY	REAL ESTATE ADVISORY	PROJECT DELIVERY	COST CONSULTING
<ul> <li>Vision and Strategy Creation;</li> <li>PMO Establishment and Governance Analysis;</li> <li>Procurement Analysis and Management;</li> <li>Project Delivery &amp; Business Case Analysis;</li> <li>Industry / Market Soundings;</li> <li>Procurement Development;</li> <li>(RFI, RFQ, RFP, Technical Requirements &amp; Project Agreements);</li> <li>Technical Risk Assessments;</li> <li>Availability Payment; Structures/Payment Mechanisms;</li> <li>Collaborative Dialog Meetings;</li> <li>Technical Submittal and Evaluation;</li> <li>Space Planning;</li> <li>Programming; and</li> <li>Education / P-16 Expertise</li> </ul>	<ul> <li>Strategic Real Estate Planning</li> <li>Market Fundamental Analysis</li> <li>Pre-entitlement and Due Diligence Services</li> <li>Monetization and Value- Capture Strategies and Implementation</li> <li>Full Procurement Services (RFI, RFQ, RFP)</li> <li>Developer Selection and Negotiations</li> <li>Public/Private Transaction Structuring</li> <li>Development/Economic Incentive Negotiations</li> <li>Community Benefits Agreements/Packages</li> <li>Reuse Strategies</li> <li>Site Development Strategies</li> <li>Downtown/Corridor Strategies</li> <li>Housing/TOD</li> <li>Sustainability Advisory</li> <li>Land Use Planning</li> <li>Tax increment financing districts</li> <li>Public/Business Improvement District</li> <li>Community Facility Districts</li> </ul>	<ul> <li>Design Review;</li> <li>Project Management;</li> <li>Construction Management;</li> <li>Contract Management;</li> <li>Real Estate Development Strategy;</li> <li>Design Management / Review;</li> <li>Document Management;</li> <li>Project Controls;</li> <li>Schedule Review and Analytics;</li> <li>Stakeholder Management;</li> <li>Permitting, 3rd Party Approvals and Inspections;</li> <li>Schedule Management;</li> <li>Change Order Management;</li> <li>Technical Conflict Management;</li> <li>Communication Management and Website maintenance;</li> <li>Dispute Resolution; and</li> <li>Claims Management</li> </ul>	<ul> <li>Cost Estimating;</li> <li>Budget Establishment and Management;</li> <li>Cost Planning and Management;</li> <li>Operations and Maintenance Phase Cost Planning and Analysis;</li> <li>Lifecycle Cost Planning and Analysis;</li> <li>Change Order Pricing, Negotiation and Settlement;</li> <li>Capital Budget / Financing Strategies;</li> <li>Cost Reporting;</li> <li>Drawdown Management;</li> <li>Cashflow Analysis (S- Curve);</li> <li>Bidder Price Analytics; and</li> <li>Value Management / Engineering and Initial Financing Options</li> </ul>

# THE DETAIL

#### **PROJECT DELIVERY**

# WE PROVIDE LEADERSHIP AND INDEPENDENT REPRESENTATION FULFILLING ROLES SUCH AS OWNER'S REPRESENTATIVE, INDEPENDENT CERTIFIER, AND CM FOR FEE.



Our project delivery team supports clients during the construction phase to help deliver projects which meet their corporate objectives. We provide leadership and independent representation fulfilling roles such as Project Manager, Superintendent, Independent Assessor, Independent Certifier, and Owners Representative.

#### **DELIVERING PROJECTS TO MEET YOUR OBJECTIVES**

Current market conditions, evolving procurement methods and dynamic client requirements are placing greater emphasis on the need for agile, multi-skilled managers and cost control professionals on projects, rather than traditional reactive management and cost reporting. To meet this need, we provide a flexible, innovative, and highly professional service with a bench of qualified Project and Cost Managers. We pride ourselves on our ability to deliver excellence across the board and the services we offer are both diverse and flexible. Our Project Delivery services can be deployed either individually or collectively with another WT advisor service, allowing us to tailor our approach perfectly to suit our client's requirements, delivering a truly bespoke approach to each client's needs.

#### **REAL ESTATE ADVISORY**

Working in close conjunction with the more technical and performance based P3 offerings, WT's Real Estate Advisory Services offers public and private clients a wide range of analytics, due diligence and pre-entitlement, market outreach, and procurement options to help clients maximize the value of real estate holdings. An integral part of any real estate strategy, our Real Estate Advisory team identifies and develops 'best value' monetization strategies for our clients through detailed real estate market analyses. We assist our clients with strategic real estate and site development planning, pre-entitlement and due diligence services, monetization, and value-capture strategies all the way through procurement, developer selection, and negotiation.

WT's unique service provision in the project delivery, P3, and cost consulting markets offers our Real Estate Advisory team direct access to senior level subject matter experts, allowing us to provide a more robust set of recommendations and market-driven options to position real estate opportunities for the greatest chance of development. Our Real Estate Advisory Team offers public-private transaction structuring, development/economic incentive negotiations, and community benefits agreements/packages. Having worked in the real estate market from both public and private perspectives, our Real Estate Advisory team is highly versed in the full spectrum of real estate consulting ranging from land use planning and pre-entitlement analyses through selecting a developer for new ground-up projects or redevelopment of existing assets. Given these experiences, our team of experts employs innovative methods in approaching, evaluating, and tailoring real estate advice customized to our clients' goals and objectives.

#### MAXIMIZING MONETIZATION OPPORTUNITIES

Our Real Estate Advisory team is constantly evaluating trends, zoning, and relevant factors influencing the current and forecasted landscape of the real estate market. Our Real Estate Advisory practice supports and guides clients to leverage market shifts and exploit economically advantageous real estate opportunities. From conception to market outreach and through procurement and developer selection, WT takes great pride in assisting our clients in optimizing the value of their real estate holdings through careful due diligence, market studies, trends, reports, and extensive strategic planning and market positioning.

#### **P3 ADVISORY**

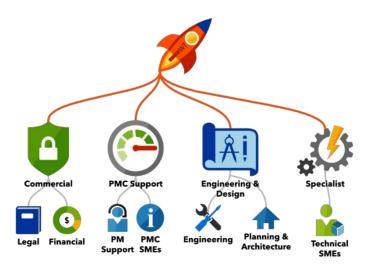
We work with conventionally funded capital projects every day of the year. We also work with existing assets and have advised clients on a variety of strategies to support their objectives. Public Private Partnerships (P3) is one approach that can be very effective – or very costly without good advice and guidance. That's where WT comes in.

With a focus on strong client relationships, we've developed our service offering into the more peripheral areas of quantity surveying, assisting clients in achieving the best commercial outcome. Our technical advisory benefits are rewarded with a significant source of repeat business, as clients know they're in safe hands.

# WT PARTNERSHIP IS PROUD TO BE RANKED #2 IN THE GLOBAL P3 TECHNICAL ADVISOR LEAGUE TABLES, (TECHNICAL ADVISOR, PPP TRANSACTIONS, BY TOTAL VALUE) RANKED BY INFRAMATION – AN ACURIS COMPANY

WT has successfully supported clients through each phase of the project development lifecycle. From developing the commercial foundations of a robust and bankable bid, through management of construction, operational commencement and even asset disposal, our highly experienced team comprehensively guide clients to their best commercial outcome.

#### **PROJECT MANAGEMENT OFFICE WORKSTREAMS**



#### **PROJECT & QUALITY CONTROLS**

We have actively leveraged our team's combined experience from working on major client portfolios to streamline our processes and maximize efficiencies across capital development

programs, master services agreements and indefinite delivery indefinite quantity (IDIQ) commissions.

#### COLLABORATION

Monthly Client Account Team Sync Meetings Workflow Management Software Cloud Based 24/7 Mobile Communication Technology

#### STANDARDS

Fully Developed Client Account On-Boarding Account Specific Service Training – PSRs & Key Processes Account Service Delivery Guidance, Documents & Templates

#### OVERSIGHT

QA Oversight by National Executive Team One Unified Account Team, Regardless of Location Cost Benchmarking Data & Design Analytics

# ess of Location Analytics

#### INFRASTRUCTURE COST MANAGEMENT

Given our diverse and unique breadth of skills and training, we can deliver formidable cost management benefits to our clients. We provide cost management offerings, which assist both public and private sector clients in achieving optimum project outcomes. Our input is invaluable from the earliest stage of the project, and our detailed understanding of costs for civil and infrastructure work provides invaluable information when assessing feasibility.

Cost management should be an integral part of any robust risk management process. Our team provides the benefit in identifying and defining areas of potential exposure, and implementing strategies, minimizing downstream costs without sacrificing value. We optimize the capital works budget rather than solely minimizing cost. This methodology ensures unnecessary costs are eliminated and delivers the best value within agreed budget parameters.

#### FLEXIBLE, INNOVATIVE AND HIGHLY PROFESSIONAL

We provide realistic and comprehensive cost advice on all aspects of the project - from the earliest feasibility stages, strategic, concept and detailed design phases, through construction completion. Our cost reporting methodology is specifically designed to assist clients in making decisions on an informed basis.

#### **BUILDING & ENGINEERING COST MANAGEMENT**

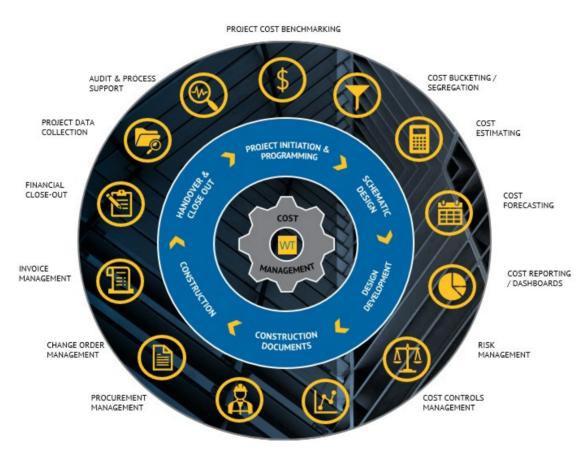
At WT, we are a multi-disciplinary team that understand the sophistication of building and engineering benefits required to meet client needs. We can help you understand all implications on any proposed design changes – an essential tool in optimizing the project budget outcome.

Complex technologies and the need for sustainable solutions have led to more sophisticated building and engineering management. Our team has a proven ability in providing early cost estimates prior to the design being developed giving us an important edge. Drawing from our extensive database using benchmark costs, we ensure things are moving in the right direction from the outset.

# BUILDING ENGINEERING OFFERINGS CAN ACCOUNT FOR UP TO 50% OF TOTAL CONSTRUCTION COSTS

The production of building and engineering construction designs is often a slow process and can account for up to 50% of total construction costs. Our cost plans follow a recognized structure throughout, making it possible to review the design and cost plan holistically, and understand all the implications if any changes are suggested. We recognize the importance of ensuring building and engineering plans are cost and value managed to the same degree as the architectural and civil structural engineering elements.

Our team evaluates all items, both technically and commercially, and our presence will provide total proactive cost and value management through all phases of the project life cycle.



#### WT COST MANAGEMENT SERVICE WHEEL

Our role does not end once a contractor has been appointed. We maintain the same integrity while agreement of valuations, variations, and final accounts are settled. This final information is a key component of our service.

#### **ASSET & FACILITIES MANAGEMENT**

Asset and Facilities Management has always been an important element of property development, ownership, and occupancy. We focus on improving overall asset performance by developing and achieving client objectives, operational performance targets, and measures.

#### FUNDS SPENT ON BUILDING MAINTENANCE MUST RETURN THE BEST POSSIBLE VALUE

The main objectives of our Asset and Facilities management service offering are to:

- Optimize whole of life costs of building assets and facilities management operations including budget planning, forecasting annual and programed expenditure, and financial reporting;
- Align core business strategies with the asset operational environment to enhance overall business performance;
- Maximize development opportunities and long-term operational effectiveness through strategic sourcing, specifications and contract documentation, and critical value engineering of design and development options;
- Enhance transparency of process and eliminate wasteful practices to drive continuous improvement in the management of assets;
- Respond to the increased exposure to environmental and statutory compliance;
- Identify funding gaps and improve long term operational funding and performance; and
- Monitor in-house and outsourced operations in terms of contract and financial performance.

We adopt a systematic and robust process to ensure significant value is provided to your business.

#### **SUSTAINABILITY**

#### COMMERCIAL SOLUTIONS TO 'GREEN' CHALLENGES

Our sustainability team provides independent, commercial solutions to our clients 'Green' challenges. We offer a comprehensive suite of benefits tailored to requests and requirements and work collaboratively to integrate our services with other WT offerings to ensure desired project outcomes are reached.

#### CERTIFICATIONS



As an add service, WT provides indicative cost benefit and sustainability analyses. Our approach is to balance upfront investment, with long term financial performance, community, and social benefit. Our assessment evaluates qualitative and quantitative short and long-term economic, environmental, and social impacts associated with implementing a green forward project. This empowers our clients to make informed decisions to maximize return on their investment. We have staff members with Leadership in Energy and Environmental Design (LEED) and WELLS certifications.

#### **ASSET & BUILDING CONSULTING**

Our team provides advice on the condition of assets and facilities and the approach to efficient management. We adopt a commercial lens to ensure that our client's imperatives are our focus.

#### ENABLING INFORMED ASSET DECISIONS

This is attained by overlaying the commercial practicalities of asset ownership throughout the property lifecycle to ensure our clients are aware of the commercial impediments, rectifiable issues, forecast capital expenditure, and actual/forecast operational efficiency of the property/asset.

#### INDEPENDENT COMMISSIONING MANAGEMENT

Our experienced commissioning management team provide independent verification that the building services have been commissioned as per the design intent and give the client comfort knowing they have mitigated their risk of building services failure.

#### **EFFICIENCY AND PERFORMANCE**

Commissioning management not only occurs at completion, but also across the project, through all phases from concept to hand over and through to building tuning. We are focused on the end result to reduce building services risk and achieve maximum performance and efficiency.

#### **DELAY ANALYSIS & PROGRAM SCHEDULING**

In the ever-evolving construction and infrastructure landscape, effective programming and planning techniques are fundamental to the successful delivery of major projects. WT has extensive experience delivering programming services including detailed status and delay analysis for our clients, adding value, and providing surety. Our demonstrated expertise encompasses planning and scheduling, claims and disputes, and cost management for specialist project related disciplines in all major industry sectors, including P3s.

#### STAYING ONE STEP AHEAD OF POTENTIAL DELAYS TO MITIGATE INCREASED RISK AND COST

We understand the potential risks and knock-on effects delay can have on a project; one day of delay at an early stage can translate to much more down the track. We have an inherent appreciation of the cause, effect and costs involved, every step of the way. We offer the following:

- Independent monitoring and reporting of programs;
- Program risk and issue management;
- Program analysis critical path method (CPM);
- Extension of time (EOT) preparation or defense;
- Advice on delay mitigation strategies and corrective actions;
- Analysis of delay, disruption, and acceleration claims / analysis;
- Analysis of the cost of delays and damages assessment;
- Management of contractual claims;
- Forensic Analysis and Expert Witness reporting; and
- Comparison of contract works programs against updated programs.

# **OUR EXPERIENCE**

#### WORLD CLASS EXPERTS DELIVERING OPTIMUM SOLUTIONS ACROSS YOUR PORTFOLIO.

#### SPECIALISTS IN SOCIAL INFRASTRUCTURE DEVELOPMENT

Our Advisory and Civic Development Group bring expertise from professionals who understand the issues impacting local government and are well-versed in the nuances of traditional public and alternative capital delivery methods. Additionally, our experts understand that the future prosperity of municipalities and their constituencies will be shaped, in part, by leadership's ability to demonstrate that high quality service can be provided in a cost-effective manner. Our clients partner with WT because of our acutely attuned focus on procurement, implementation and programming choices that can capture the full potential of new development projects that appeal to stakeholders, as well as the private development market. WT has experience representing and advising public agencies and supporting private bid teams on complex social infrastructure developments. With WT, our clients receive the right complement of commercial, financial and technical skills, from a group with a deep understanding of various policy implications.

#### CIVIC

#### JUSTICE

- Governmental Buildings & Campuses
- Parks & Recreation Spaces
- Museums and Cultural
- Convention & Meeting Centers
- Utilities
- Public Housing

#### WHAT WE DO

# \$

EARLY COST ADVICE AT CONCEPT STAGE TO INFORM BUDGET



PROJECT DELIVERY INCLUDING ON SITE INSPECTION AND PROGRAM OVERSIGHT



MILESTONE ESTIMATES TO ENSURE DESIGN IS TRACKING TO BUDGET



REAL ESTATE MARKET ANALYSIS & ASSET MANAGEMENT ADVISORY SERVICES

ONGOING COST MANAGEMENT ACROSS DELIVERY PHASE & CHANGE ORDER ASSESSMENT & VALIDATION

VALUE ENGINEERING

**OPTIONS THAT ARE ALIGNED** 

WITH THE DESIGN INTENT

INDEPENDENT REPRESENTATION AS OWNER'S REPRESENTATIVE, INDEPENDENT CERTIFIER AND CM FOR FEE





### Courts

- Policing Stations
- Justice Centers
- Prisons & Detention Center

# **CIVIC PORTFOLIOS**

WE HAVE THE CAPABILITY AND EXPERIENCE TO PROVIDE THE SCOPE OF SERVICES REQUIRED. THE FOLLOWING ENGAGEMENTS DEMONSTRATE OUR EXPERIENCE ACROSS A BROAD RANGE OF PROJECTS.



CLACKAMAS COUNTY COURTHOUSE PORTLAND, OR



CITY OF NORTH MIAMI NORTH MIAMI, FL



NEW ALOHA STADIUM ENTERTAINMENT DISTRICT HĀLAWA, HAWAII



HOWARD COUNTY COURTHOUSE MARYLAND



TORONTO COURTHOUSE ONTARIO, CANADA



OAHU COMMUNITY CORRECTIONAL CENTER HAWAII



INFRASTRUCTURE ONTARIO



RIVERSIDE COUNTY SHERIFF DEPARTMENT CALIFORNIA



PORT OF SEATTLE SEATAC AIRPORT SEATTLE, WA



# CITY OF NORTH MIAMI DOWNTOWN REVITALIZATION PROJECT

NORTH MIAMI, FLORIDA



#### **PROJECT DETAILS**

**CLIENT** The City of North Miami

**PROJECT VALUE** \$75M approx.

SERVICES Cost Planning Cost Estimating

**COMPLETION DATE** Expected 2026

#### **PROJECT SUMMARY**

The City of North Miami is interested in revitalizing its 9acre (384,451sqft) downtown area through a Public Private Partnership (P3). The City owns properties in the downtown area that are entitled to a maximum height allowance of 110 ft and 90 dwelling units per acre that assumes approximately 790 residential units. Through this P3 initiative, the City would like to redevelop its existing properties and create a beautiful, vibrant, active, and walkable downtown combined for public and private uses with mixed-use real estate that includes:

- Revitalization of the Civic Complex and Police Station
- Expansion to the Museum of Contemporary Art (MOCA)
- Development of A New Hotel
- Enhancement of Public Amenities
- Minimum of 400 Ground-Floor Parking
- Spaces for Public and Commercial Use
- Opportunities for Workforce Housing

The project will require the selection of a consortia of firms through a robust procurement process. WT will provide Owner's Representative services throughout the upfront transaction phase and create performance-based specifications that are specifically tailored to the City of North Miami's needs.



# CLACKAMAS COUNTY COURTHOUSE

OREGON



#### **PROJECT DETAILS**

**CLIENT** Clackamas County

**PROJECT VALUE** \$200m approx.

**PROCUREMENT TYPE** Public Private Partnership (P3)

**SERVICES** P3 Technical Advisory Project Delivery Cost Estimating

**COMPLETION DATE** Expected 2025

#### **PROJECT SUMMARY**

The Clackamas County Courthouse is home to the Fifth Circuit Court of the Oregon Judicial Department. The existing courthouse, which was built in 1937 to house county offices and a single courtroom, has been retrofitted over the years to its present configuration of eleven courtrooms, however, further accommodation to meet the current demand for three additional courtrooms will not be possible. The over 90-year-old facility requires significant seismic upgrading and is functionally obsolete for the administration and delivery of justice services. Once completed, the new Courthouse will contain 16 courtrooms and host a number of departments including the 5th Judicial District Judges, District Attorney, Department of Human Services, State Office Public Defense, Civil Sheriff's Office and more. The Courthouse is anticipated to be ready for occupancy in 2025.

Clackamas Courthouse project is a DBFOM which requires the selection of a consortia of firms inclusive of a design builder. It entails coordination and collaboration with the DB firm through the design and construction phase. WT Partnership act as Owner's Representative throughout the project from feasibility and procurement through to design and construction and recently reach financial close.



# NEW ALOHA STADIUM ENTERTAINMENT DISTRICT

HĀLAWA, HAWAII



#### **PROJECT DETAILS**

**CLIENT** State of Hawaii

PROJECT VALUE

\$1 Billion

#### SERVICES

P3 Advisory Services, Real Estate Advisory, Program Management & Construction Cost Management

COMPLETION DATE

2018 - Present

#### **PROJECT SUMMARY**

The New Aloha Stadium Entertainment District (NASED) will comprise of two primary projects, the Stadium Project and Real Estate Project. The Stadium Project will include the construction of a state-of-the-art 25,000 seat stadium facility in addition to related ancillary development via a Public-Private-Partnership arrangement between the State of Hawaii and a private developer. The Real Estate Project will comprise the development of approx. 70 to 80 acres of the remaining NASED site. Development will include residential, hotels, office, retail/ commercial and entertainment uses. The Real Estate Project will be procured via a long-term ground lease revenue structured arrangement. WT is currently providing Pre and Post Development Advisory Services in a PMO arrangement. This includes: Pre-Development Technical and Transaction Advisory Services; Client Representation, Program & Project Management; Design Review & Management; Construction Review & Management; Operations & Maintenance advisory; and Commercial Management, Cost Estimating, Change Control, QA and Information Systems.



# PORT OF SEATTLE SEATAC AIRPORT COST ESTIMATING IDIQ

SEATTLE, WASHINGTON



#### **PROJECT DETAILS**

**CLIENT** Port of Seattle

**PROJECT VALUE** \$500 Million

**DESIGN** Various

**CONTRACTOR** Various

**SERVICES** Cost & Schedule Management

#### **PROJECT SUMMARY**

WT has been providing cost estimating support services on projects under the direction of Capital Development at the Port of Seattle. Based on-site at the Sea-Tac International Airport, WT has supported the following project elements: developed conceptual to detailed estimates using the Port's standard template; Utilization of Job Order Contracting; developed cost estimates using both rate and unit costs and performing mathematical calculations by applying standard factors; Performed material take-offs and reviewed design documents and modifications to determine scope of work and changes; performed detailed review of 3rd party construction cost estimates during various stages of design, including 15%, 30%, 60%, 90%, and 100% and Engineer's Estimate for bidding; synthesized historical cost data; and coordinated with existing project controls staff.

### WT IS AN AWARD-WINNING INTERNATIONAL CONSULTANCY FIRM WHO SUPPORTS CLIENTS ACROSS THE INFRASTRUCTURE INVESTMENT, BUILDING, CONSTRUCTION AND ASSET MANAGEMENT SECTORS.

WT was founded in Australia back in 1949 and has been a force in North America since 2010. A trusted advisor to Owners, Developers, Government and Private sector clients, WT currently manages \$6.5 billion dollars of active mega projects across North America.

WT draws on the collective experience, knowledge and capability of our professional staff in locations across North America and globally to provide our clients with the right advice on all aspects of cost, value and risk to assist in achieving optimum commercial outcomes.

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### CONNECT WITH OUR GLOBAL NETWORK AT WTPARTNERSHIP.CO

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