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Continuum Advisory Group is a management consulting firm serving the building and construction industry. We partner strategically with our clients to solve difficult problems, bring about transformational change and guide their efforts to build a different future. Our sole focus on the building and construction industry gives us the technical expertise to provide insight from day one, while our management experience allows us to understand the cultural, political and organizational context of any engagement.

We offer a wide range of consulting services, including strategy, research, and project delivery support. With regards to Lean and Integrated Project Delivery, we work as a consultant and coach with large project teams to help implement Lean Practices and build Integrated, High Performing Teams. We also work with both owners and contractors at the organizational level to develop Lean Construction and Integrated Teams practices, with a focus on strategic and cultural fit to ensure successful adoption and implementation.







CHANGE MANAGEMENT AND SYSTEM & PROCESS IMPLEMENTATION



BUILDING HIGH PERFORMING TEAMS THROUGH LEAN AND INTEGRATION



MARKET RESEARCH AND ANALYSIS



ACQUISITION RESEARCH AND GROWTH ANALYSIS



PROCESS STREAMLINING AND IMPROVEMENT



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- Illinois-based Owner's Representative & Lean Coaching company
- 20-person firm
- 25 years in business
- Successfully completed over \$4.2B in work for more than 3,000 projects



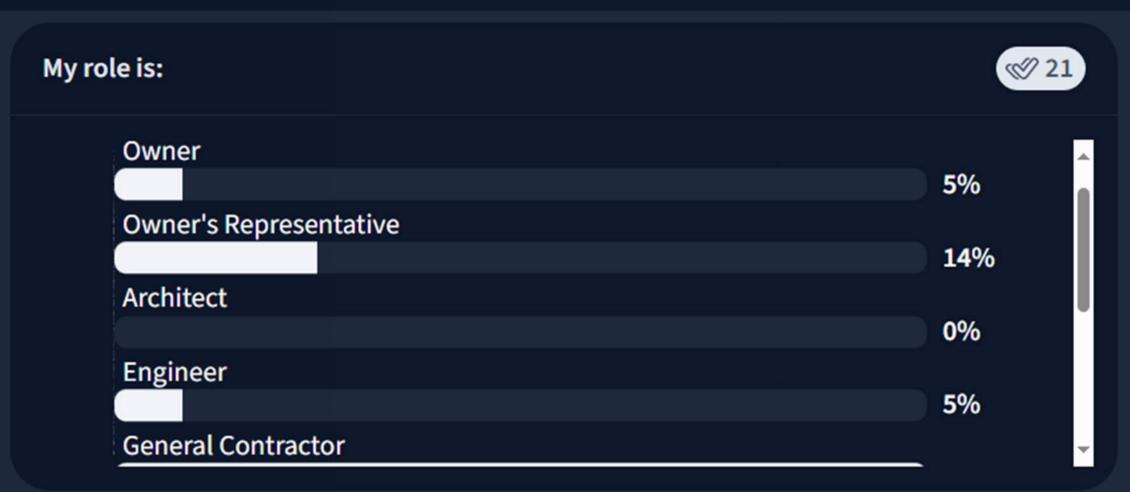






















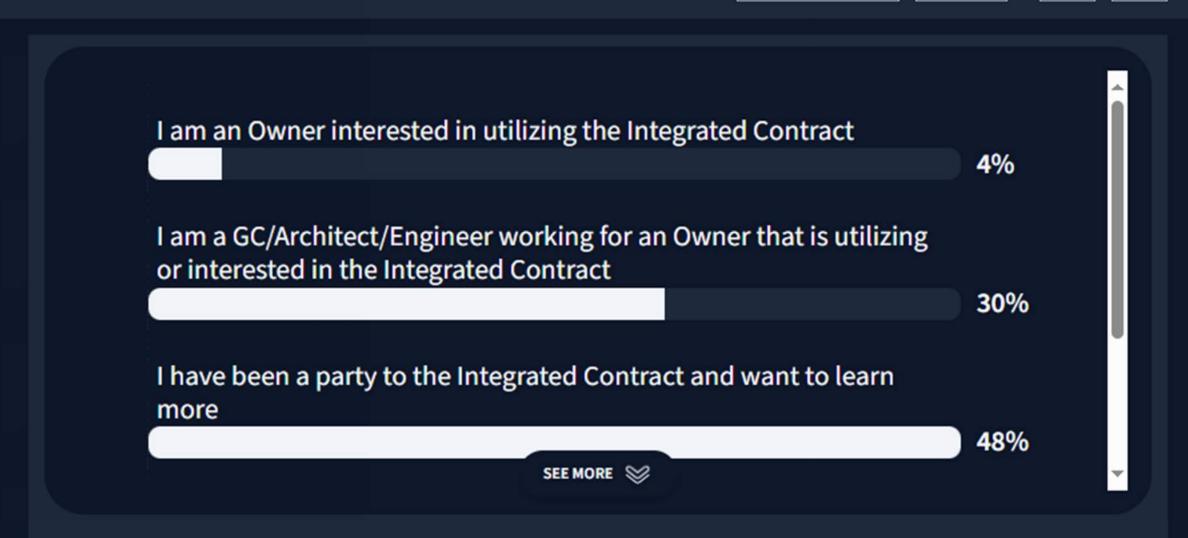




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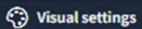
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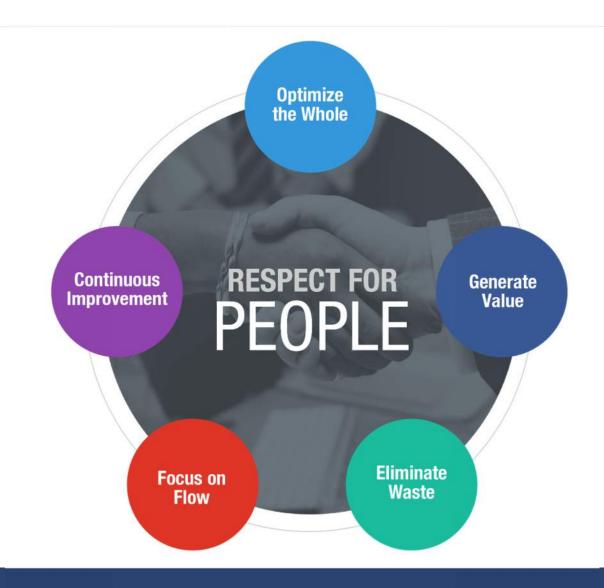






SIX TENETS OF LEAN CONSTRUCTION

- 1 Respect for People
- 2 Optimize the Whole
- **3** Generate Value
- 4 Eliminate Waste
- 5 Focus on Flow
- 6 Continuous Improvement



Motivation & Means

motivation

INTEGRATED PROJECT DELIVERY

The contractual project delivery method

creates shared risk/reward structures, fiscal transparency, and release of liability

means

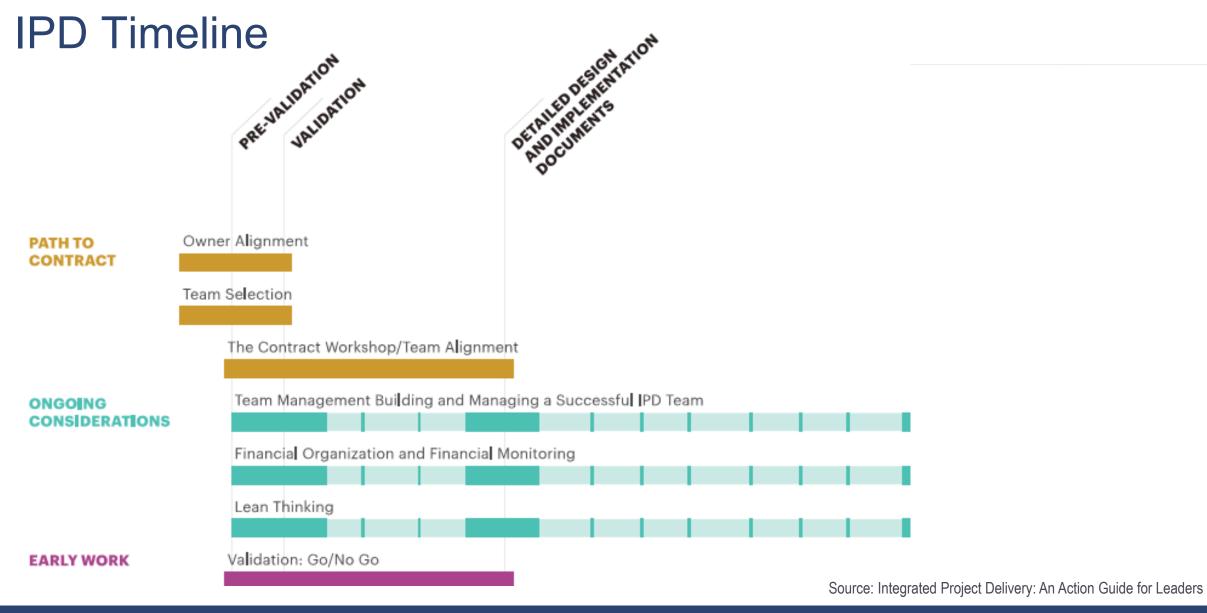
LEAN CONSTRUCTION

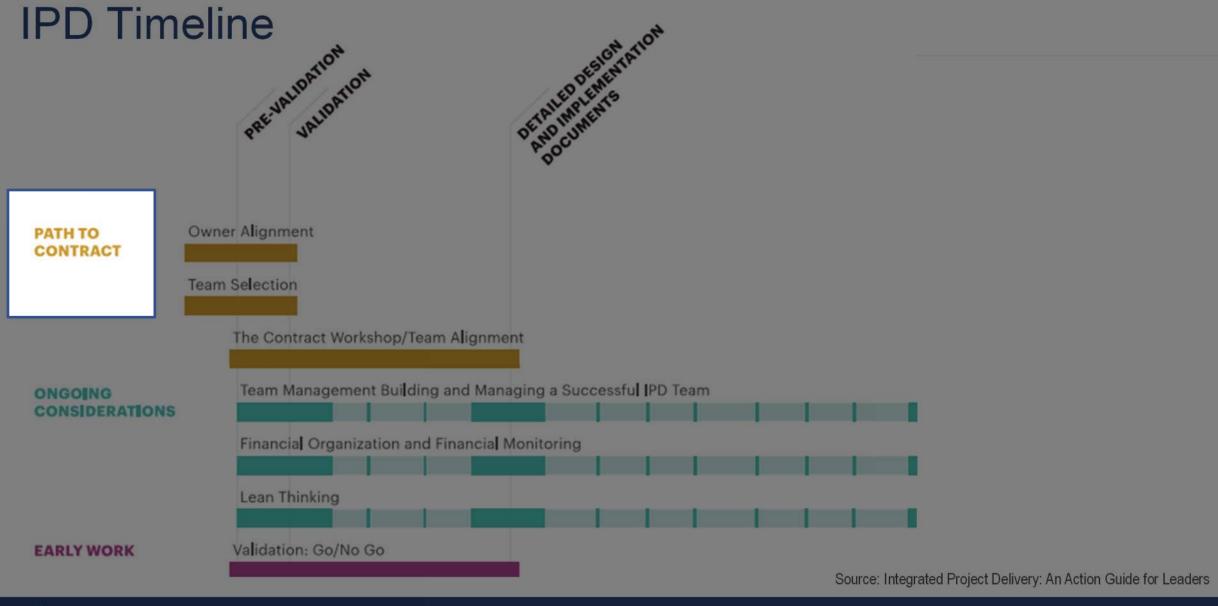
Tools and processes intended to maximize value

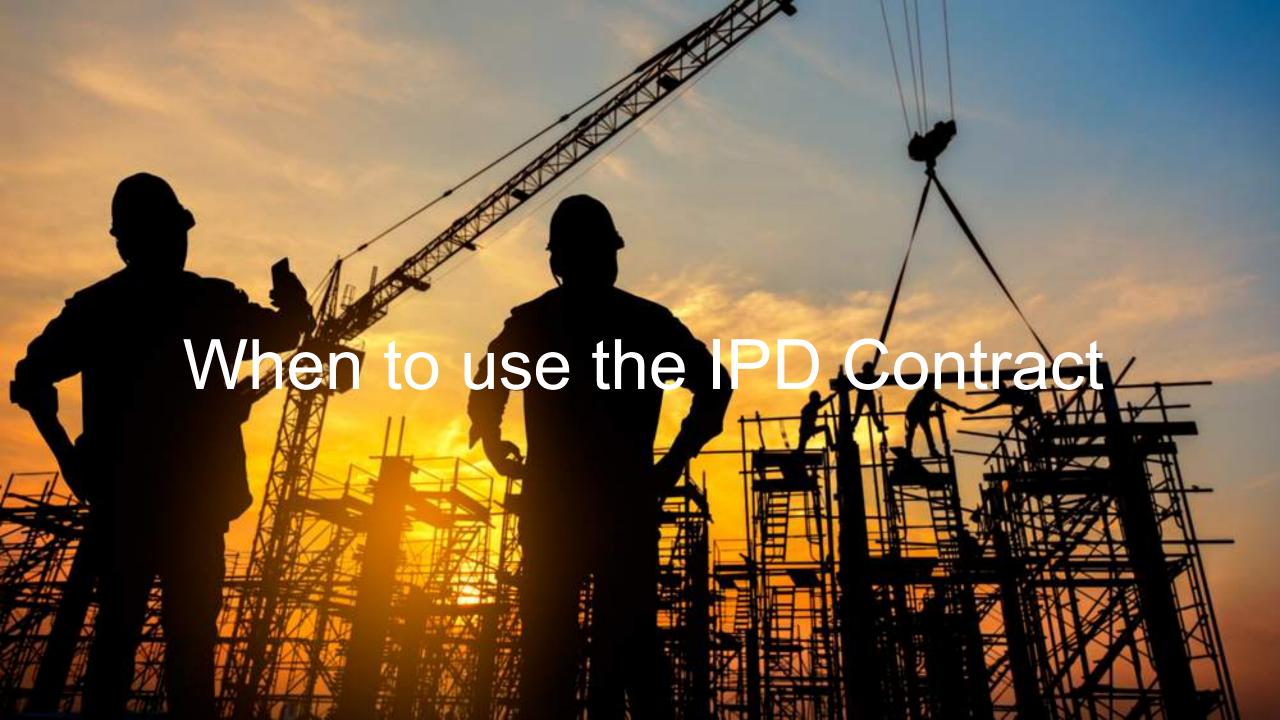
reduces wasted time, wasted movement, and wasted human potential

Lean Integrated Project Delivery

Traditional Project Delivery		Integrated Project Delivery
Fragmented, assembled on "just-as-needed" or "minimum-necessary" basis, strongly hierarchical, controlled	TEAMS	An integrated team entity composes key project stakeholders, assembled early in the process, open, collaborative
Linear, distinct, segregated; knowledge gathered "just-as-needed"; information hoarded; silos of knowledge and expertise	PROCESS	Concurrent and multi-level; early contributions of knowledge and expertise; information openly shared; stakeholder trust and respect
Individually managed, transferred to the greatest extent possible	RISK	Collectively managed, appropriately shared
Individually pursued; minimum effort for maximum return; (usually) first cost based	COMPENSATION/ REWARD	Team success tied to project success; value-based
Paper-based, 2 dimensional; analog	COMMUNICATION/ TECHNOLOGY	Digitally based, virtual; Building Information Modeling (3, 4 and 5 dimensional)
Encourage unilateral effort; allocate and transfer risk; no sharing	AGREEMENTS	Encourage, foster, promote and support multi- lateral open sharing and collaboration; risk sharing







4 Common Types Of Construction Contracts



Lump Sum Or Fixed Price Contract

- Total fixed price for all construction related activities.
- Can include incentives benefits for early termination, or can also have penalties, called liquidation damages, for a late termination.



Cost Plus Contract

- Involve payment of the actual costs, purchases or other expenses generated directly from the construction activity.
- must contain information about covering contractor's overhead and profit.



Time and Materials Contracts

- ·Preferred if the projet scope is not clear or defined.
- · must establish hourly or daily rate.
- Include additional expenses that could arise in process.



Unit Pricing Contracts

- Commonly used by builders and in federal agencies.
- · Unit prices can also be set during bidding process as the owner requests specific quantities and pricing for a pre-determined amount of unitized items.



https://www.thebalancesmb.com/common-types-of-construction-contracts-844483

Fixed Price w/ Price Adjustment Highest Risk

Contract Type

Cost Plus Fixed Price Cost Incentive Fee

Cost Plus Award Fee

Cost Plus Fixed Fee

Cost Plus Fixed Fee

Cost Plus Award Fee

Cost Plus Fixed Fee

Cost Plus Fixed Fee

Cost Plus a Percentage of Cost

Cost Plus a Percentage of

https://spo.hawaii.gov/procurement-wizard/manual/determine-contract-type/?print=print

Four Common Types of Construction Contracts



Lump Sum

One fixed priced is defined to fully cover project



Unit Price

Categorized tasks and materials are individually priced out



Cost Plus

Project costs are fully covered in addition to a separate payment to cover profit and overhead



Time and Materials

Project costs are fully covered in addition to a separate payment based on an hourly or daily rate

https://www.bigrentz.com/blog/construction-contracts

PROJECT CHARACTERISTIC		нівн	LOW
Level of Ambition	Technical Innovation	\bigcirc	\bigcirc
	Creative Innovation	\bigcirc	\bigcirc
	Other Areas of Innovation	\bigcirc	\bigcirc
	High Sustainability Goals	\bigcirc	\bigcirc
Stressors	High Value to Budget	0	0
	Challenging Schedule	\bigcirc	\circ
Level of Clarity ¹	Current Scope Development	0	\circ
	Expected Time for Future Scope Development	\bigcirc	\bigcirc
of Change	Expected Change in Building Technology	0	\circ
	Expected Change in Business Case	\bigcirc	\bigcirc
	Expected Stakeholder / Public Driven Change	\bigcirc	\bigcirc
Complexity of Interaction	Level of Interdependency of Systems	\circ	0
	Level of Interdependency of Participants	\bigcirc	\bigcirc





AIA Contract Documents

Common Contracts



INTEGRATED PROJECT DELIVERY AGREEMENT EXCERPTS FOR WORKSHOP

his Integrated Project Delivery Agreement ("Agreement") is entered into on _____, 2022 ("Effective ate") among the Owner, Architect, and Contractor ("Parties"), for the complete design and onstruction of the Project. The Parties agree that all Work performed on the Project is subject to the illowing terms and conditions.

BUSINESS TERMS SHEET

The key business terms of this Agreement are set forth below and included in the Agreement:

Senior Management Team	Owner		
	Architect		
	Contractor		
Project Management Team	Owner		
(PMT)	Architect		
ELECTRICAL PROPERTY.	Contractor		
Project Neutral per Section 4.2.2(a) of Agreement		OF WORN THOUSALL BOOM IS	
Project's Budget	\$00,000,000		
Target Cost	\$TBD (by Amendment)		
Savings Threshold	\$TBD (TC -\$1) (By Amendment)		
ICL	\$TBD (See Exhibit 4C) (By Amendment)		
	Architect % ICL	Contractor % ICL	
Shared Savings, if earned	R/R Team	Owner	
	%	%	
Architect's and R/R Design Partners' Overhead Multipliers	Exhibit 4D	ACTION OF THE OWNER.	
Contractor's and R/R Trade Partners' Overhead Multipliers	Exhibit 4E		
ICL, ICL Share, and Change	Exhibit 4C		
Order Profit	Change Order Profit must match ICL % above		
CCIP Mark-Up	% Chargeable Costs for Volume of Construction Work		
SDI Mark-Up	% Chargeable Costs of the Construction Work for enrolled R/R Trade Partners and subcontractors		
Substantial Completion Date	[insert date]	(established by Amendment)	
Final Completion Date	[insert date]	(established by Amendment)	

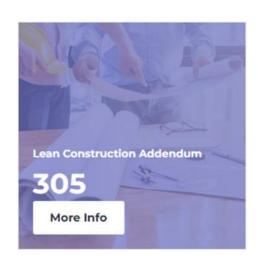


HansonBridgett © 2022 Hanson Bridgett LLP

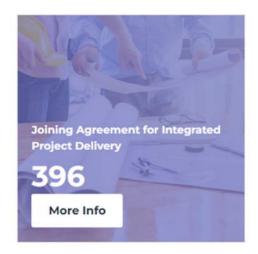






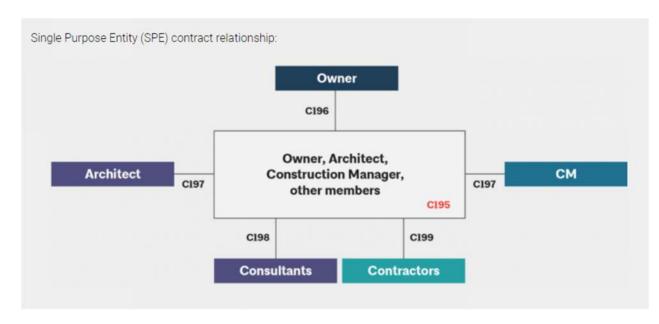


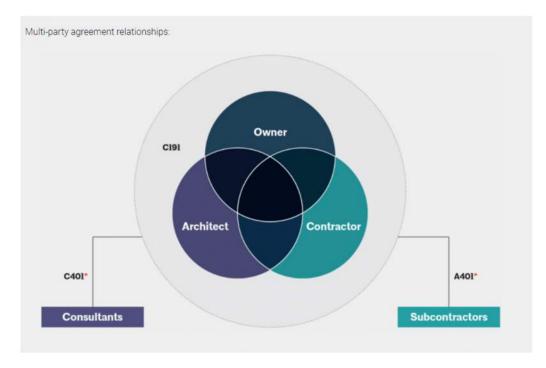


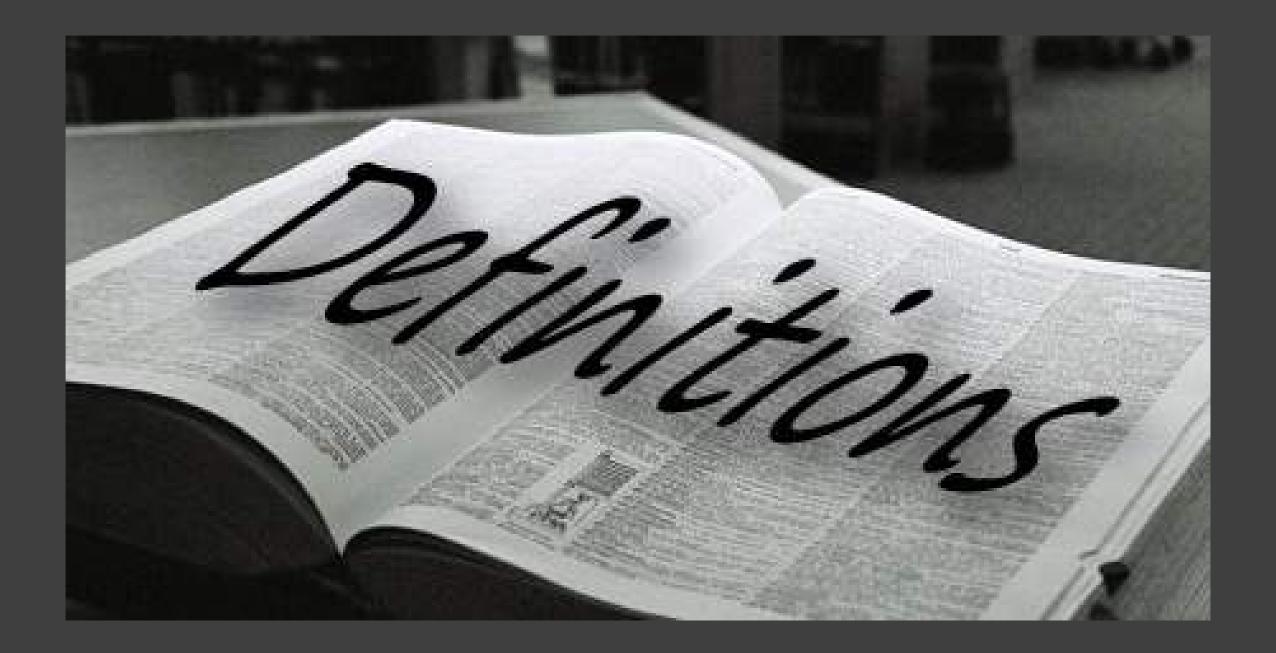


AIA Contract Documents









IPD Trade Partner: A subcontractor contracted with the general contractor or owner, profit-at-risk

Risk-Reward Pool (R/R): 100% of the profit put at risk by the R/R Members. Dependent on the Final Actual Cost, the R/R Members may earn all, a portion of, or no Risk/Reward Amount.

Standard Subcontractor: A subcontractor contracted with the general contractor, lump sum

IPD Consultant: A consultant contracted with the architect or owner, profit-at-risk

Standard Consultant: A design consultant contracted with the architect or owner, lump sum

Estimated Maximum Price (EMP): Sum of all estimated Chargeable Costs + IFOA Contingency + Allowances + R/R **Amount**

* Occurs before completion of the Planning Phase

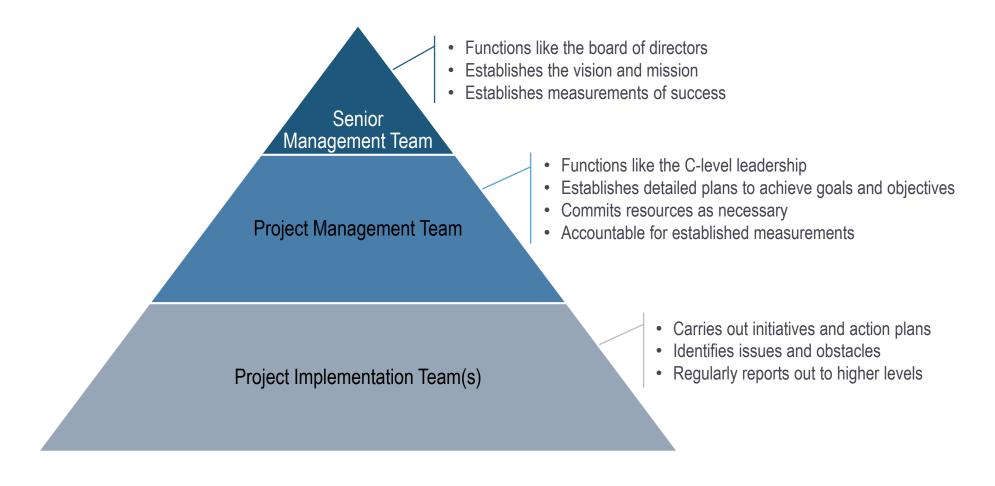


At Risk Threshold (ART): Maximum project cost acceptable to the Owner before the R/R Amounts will be applied to cover team cost overruns.



 Incentive Threshold (IT): An amount set below the ART that will be compared to Final Actual Costs to determine the savings for calculation of the **Incentive Amount**

Developing a "Project Organization"





SMT: Senior Management Team

- Provide Executive Level sponsorship for the Project Team and for the Lean IPD execution approach
- Assure the team has adequate resourcing and support
- Adjudicate decisions when the PMT cannot reach consensus
- Hold regular SMT meetings with reliable participation

PMT: Project Management Team

- Overall Leadership and Guidance for the Project Team
- Assure collaboration through the planning, design and implementation phases of the Project
- Decision Making for the Project Team
- Hold regular PMT meetings with reliable participation
- Interpretation of Implementation Documents
- Responsible for Cost, Schedule and Change Management for the Project

PIT: Project Implementation Team(s)

- Responsible for designing and implementing the Project consistent with the CoS
- Made up of members of owner, design, construction and other trades, vendors and suppliers
- Hold regular PIT meetings to advance TVD concepts and LPS planning for the PIT scope
- Drive innovation and creativity by harnessing the collective knowledge and experience of the team

Define Teams

Key Facets of an Effective Model

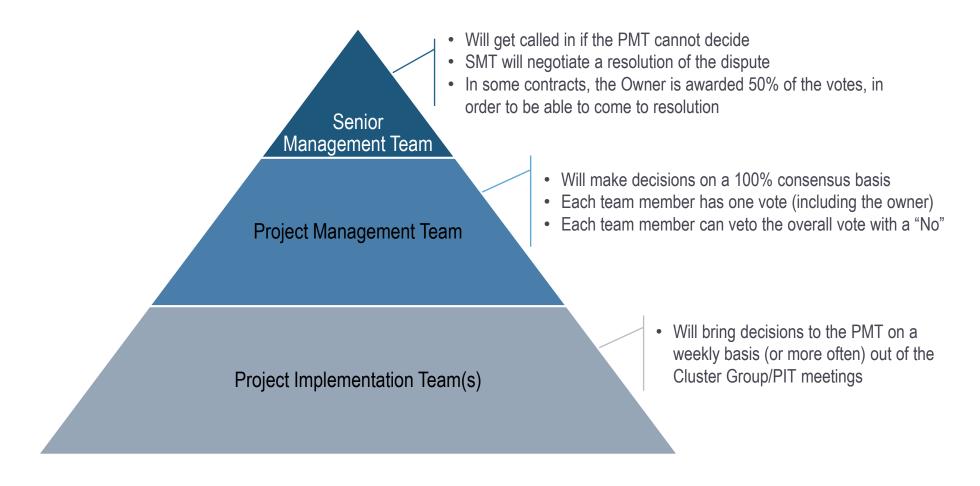
- An agreed upon project team structure
 - All parties are represented in each team
 - All teams are cross functional
 - All teams are peer-topeer (decision-making authority)
 - Teams are lean

- ► Effective systems of measurement and tracking, including consistent use of collective tools:
 - Stand and deliver reportout
 - Action plans
 - Metrics and dashboards
 - Regular measurement of what's important

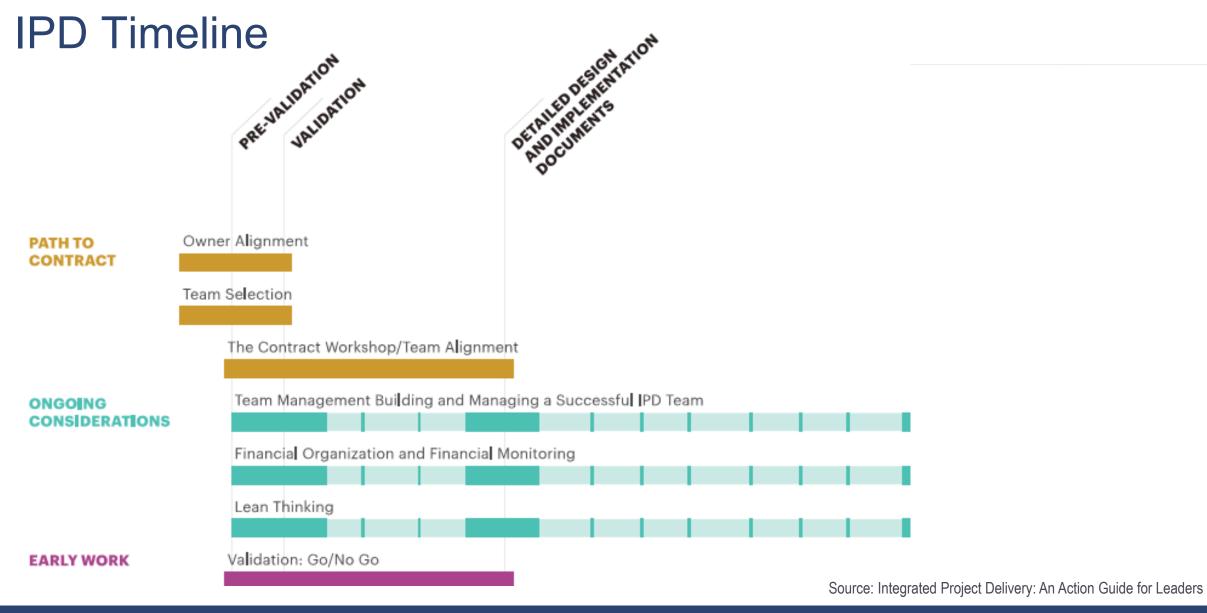
- Commitment to collective culture, goals, etc.
- Clearly established rules of engagement and RRAA by team
- Leadership of all parties is committed to investing in collaboration as a discipline

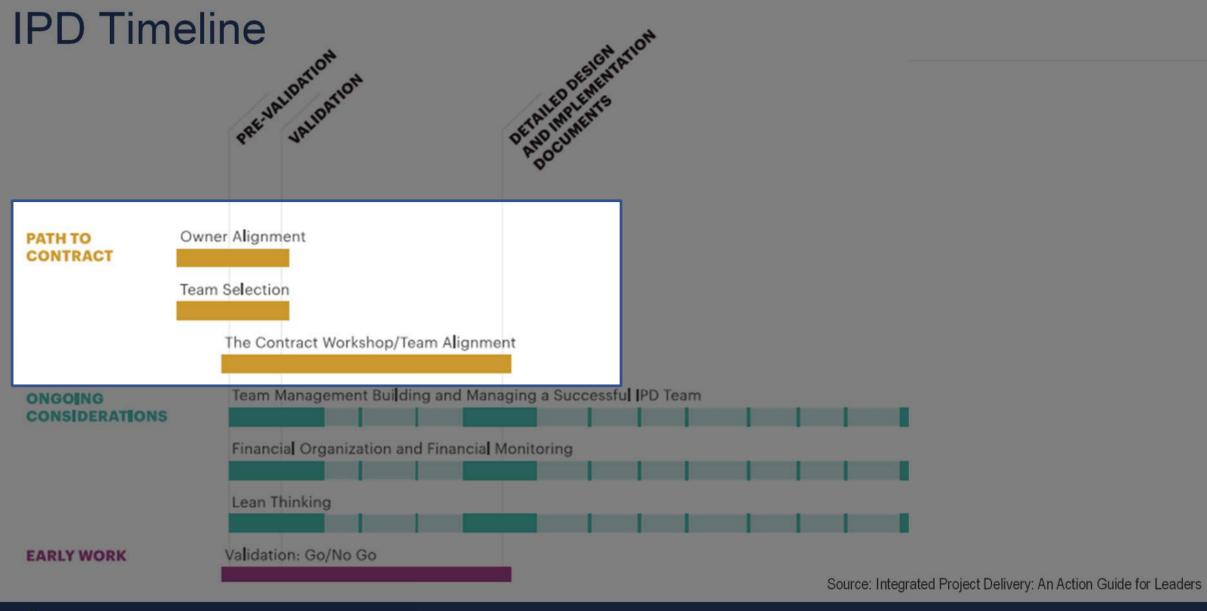


Decision Making









Conditions of Satisfaction (CoS)

What conditions must be met to declare success?

- An explicit description of all the actual requirements that must be satisfied for the initiative to be successful. CoS are collaboratively developed and committed to by all team members.
- A set of statements, each with a clear pass/fail result, that specify requirements at a defined stage of a project (often completion).
- There is no partial acceptance: either a criterion is met, or it is not.

Conditions of Satisfaction (CoS)

What does "done" look like?

- Top priorities critical for project success
- What would cause you to consider the effort to be a failure if it does not happen?
- Co-developed everyone must buy-in
- Define what "success" means for the project team
- Guide decision making throughout development and implementation
- Point of reference and measurement when reaching consensus is difficult



A team might establish CoS around any of the following:

- Budget, schedule, safety
- Profitability (ex: everyone is profitable)
- The number of months in which the project is delivered
- Number of RFIs
- Number of Change Orders
- Number of punch list items
- % below market cost
- % operational cost improvement

- % improvement in productivity
- Rapid improvement
- Exceptional teamwork
- Quality at acceptable levels the first time
- Total project transparency
- Strong stakeholder involvement
- Application of Lean Tools/Practices
- Community engagement
- Sustainability

Establishing CoS: Best Practices

- SMART Goals Specific, Measurable, Attainable, Relevant and Time-Based
- Avoid absolutes
- All CoS must be met for the project to be successful
- Choose CoS wisely, as partial credit does not apply
- Can be adjusted by the team

Recap: CoS Define What "Success" Means



DECISION MAKING CRITERIA



COMMON LANGUAGE DEVELOPMENT



SET BEHAVIORAL EXPECTATIONS



DRIVE TEAM
CULTURE



DESCRIBE POSITIVE OUTCOMES

Beyond Development: Best Practices for Using CoS

- Publish and commit
- Make them visual
- Measure progress (and use as a reference point for course correction)
 - Review at project milestones
- Refer to them when reaching consensus is difficult
- Revisit during onboarding or other major changes (and revise as needed)
- Conduct lessons learned

- 1. Safety: 50% reduction in TRIR from last project
- 2. Operations: Zero interruptions to production
- 3. Schedule: Certificate of Occupancy on May 15, 2020
- 4. Quality: 60% reduction of punch list items & NCRs
- 5. Budget: Shared savings incentive 5% of budget cost improved
- 6. Documentation: RFI submittal turnaround time of 3 business days
- 7. Culture of Trust: 80% positive feedback from anonymous survey
- 8. Customer Goal: Apply at least five "Industry 4.0" principles during design phase

- 1. Safety: 2 Safety/Behavior Observations per week for all site supervision foreman and above (superintendents, PMs, etc.)
- 2. Design/Engineering: Reduce design phase from 12 weeks to 10 weeks
- 3. Schedule: Plant steam available by November 22, 2020
- 4. Quality: <1% weld rejection rate
- 5. Budget: <10% change orders
- 6. Team Building: At least 1 team event per quarter
- 7. Continuous Learning: Lessons learned session after each major milestone is achieved
- 8. Customer Goal: Increase production capacity by 30%

Quantitative

- Project has Zero Injuries
- Project will be delivered at mutually agreed Target Cost (\$15MM)
- All team partners earn a fair profit, all team members benefit from project success
- AC5 at full production by AMJ'22 to meet LRD Roll-out Schedule.
- Maximize Project Quality Minimize Rework (measure TBD)
- No unplanned impacts to operations. All planned impacts follow a plan.

Qualitative

- Culture of Collaboration: Conflict resolution is forward focused.
- Team operates with a high degree of openness and trust.
- Team fosters a learning culture to build Lean IPD Delivery skills in P&G and Partner organizations.
- Team respects standards (platform, IWS, etc.), yet challenges constraints when doing so drives value.
- Project has clear acceptance criteria (documentation, handover, ECR, etc.)

Measurement Methods

- Quantitative: Current results aligned and reported by PMT
- Qualitative: Regular Culture Survey for Qualitative Measures by IFOA members

Cost: Each team member drives the required amount of rigor in their work process to meet the agreed upon project budget in their area of responsibility

Schedule: Each team member meets or exceeds expectations to provide their deliverables for each project schedule item

Shared Success: Every member can be proud of the finished product

Business Need: The Quicksilver team safely and successfully delivers ~450,000 square feet of finished product storage space for 1,200 pallet inventory locations with 60 dock door positions along the south face of the plant and all associated scope including required fire protection, air exchange, electrical and dock equipment scope to deliver best value to the business



TEAM GOAL

A world class partnership built on trust, integrity and open communication, using industry leading design, construction and communication tools to drive innovation and reduce waste in support of a safe and flawless launch of GM's next generation truck.

TEAM CONDITIONS OF SATISFACTION

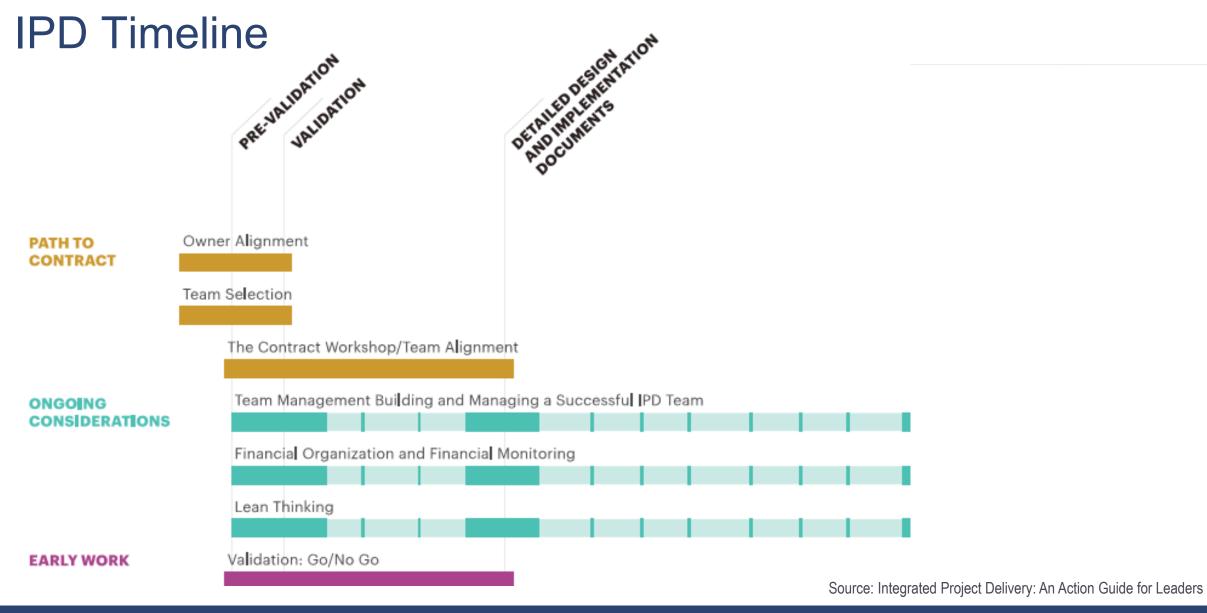
- Every person felt personal responsibility for a safe work environment
- 2. Met all Production Launch Dates with zero unplanned production interruptions
- 3. Experienced minimal team conflicts requiring Steering Committee intervention
- 4. Effectively utilized team resources through clear direction and empowerment
- 5. Mitigated cost and schedule impacts of all changes
- 6. All team members achieve their project financial expectations fair profit and budget compliance
- 7. Develop a partnership-based project delivery Business Model with transformed processes
- 8. Implement a minimum of three Lean tools
- 9. Institutionalize defined M5 Team Culture and Norms validated through regular surveys
- 10. Limit re-work to less than 0.2% of construction value

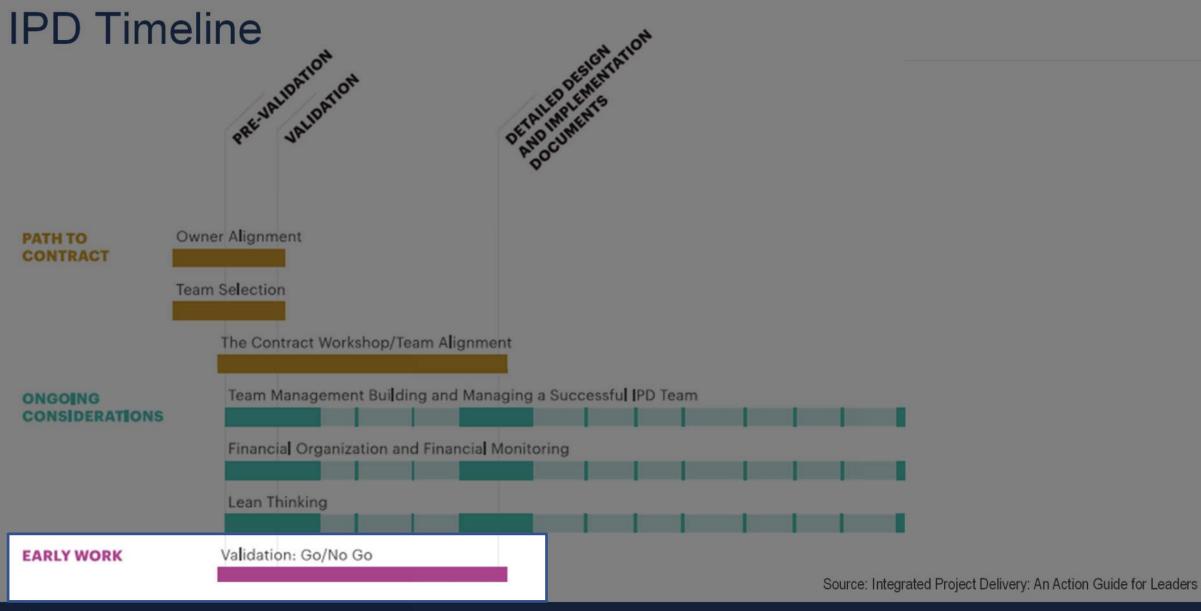












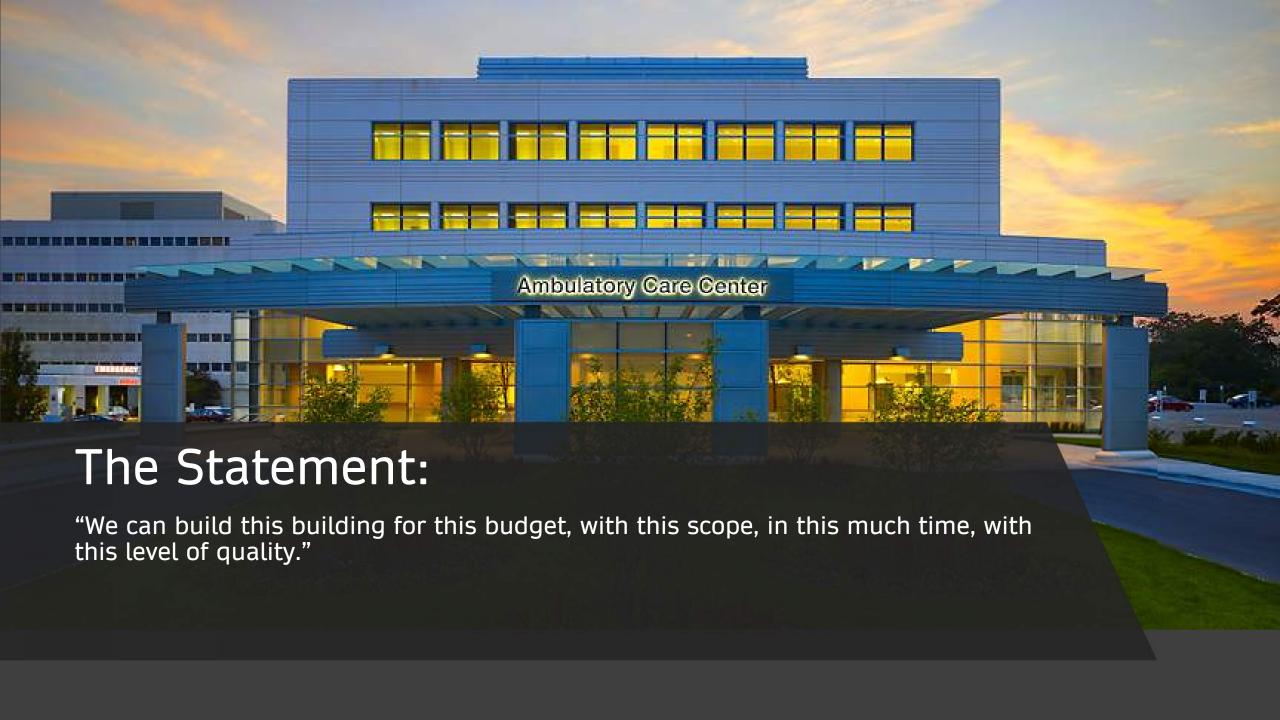


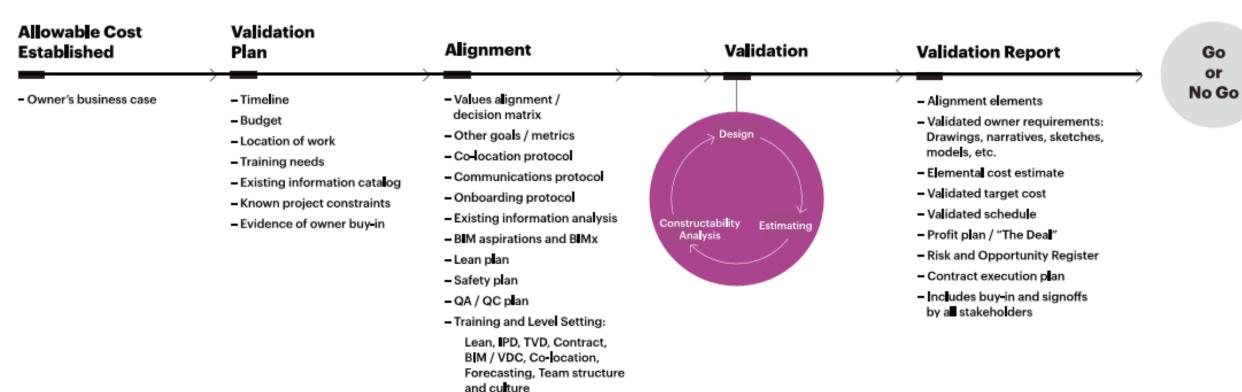


Value Engineering becomes Scope Reduction Tool







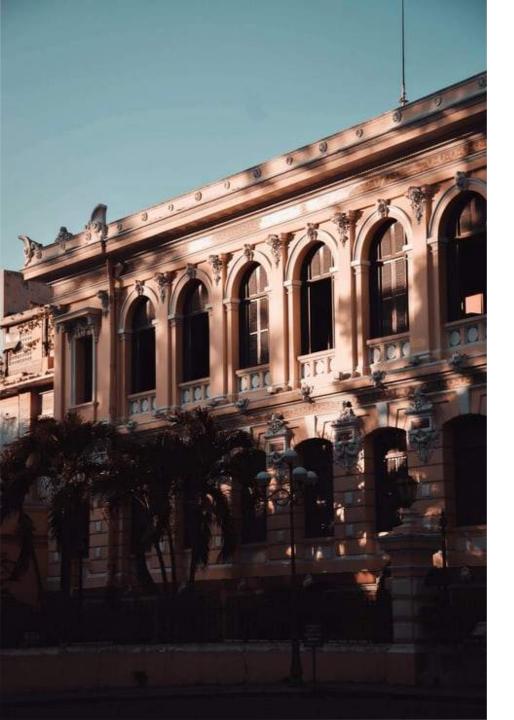


Go or









Office Building in Wisconsin (IPD)

- Developer Provides Budget for Renovation at \$30M
- Owner Hires Lean Coach
- Conditions of Satisfaction Established
- Owner Selects IPD contract
- Architect and General Contractor Hired For Validation Process
- THE ISSUE: Validation Process completes with a Target Value of \$60M
- THE SOLUTION: Owner Can Now Make a Good Business Decision For Next Step
- RESULTS: Validation: 3 Months at 1% of Budget Cost vs. Traditional: 12 Months at 15% of Budget

General

Sutter Health integrated strategy for capital construction projects, utilizing their lean project delivery approach has yielded in significant benefits with contract partners for interior products/systems. All Interior materials and finish components meet and represent the Value-Based Ambulatory Clinic Design Standards including finish types and classifications.

Design Elements, Features and Systems

All design elements, features and systems shall comply with applicable codes. They shall be cost effective up front and promote lower cost to operate and maintain. Elements should be durable and appropriate for project scope and types; they should withstand wear and repetitive use.

Entry/Lobby:

The entrance and lobby are the first impression and shall look professional, clean, warm and friendly. Natural daylight will flood through the glass storefront and vestibule area providing a connection and views to the nature.

Registration:

Sophisticated and modern elements will greet the visitor at Registration.

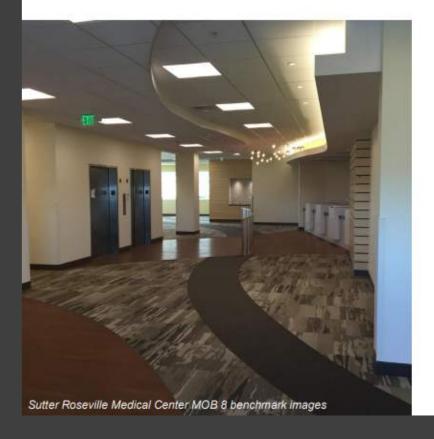
Interior architecture and finishes will promote clear wayfinding to this first point of contact. Interior architecture will include wood look paneling and ceiling soffits as well as decorative pendant lights giving an impression of a hospitality environment.

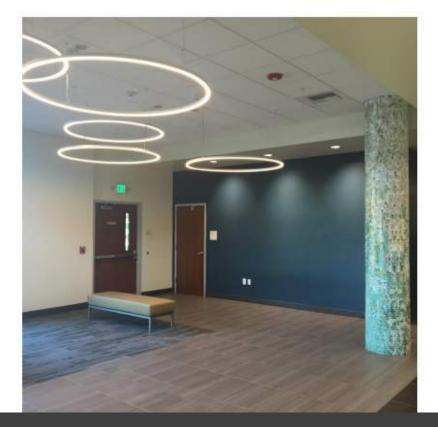
Waiting Areas:

Comfortable seating areas will be dispersed and provided throughout the clinical zones. A variety of seating will be provided for a variety of people types and appropriate for the context/neighborhood where this building is located and for the community it is serving. Seating fabric will be pleasing in appearance and easily maintained. Furniture will have vibrant color tones with fresh patterns that are aesthetically pleasing and timeless.

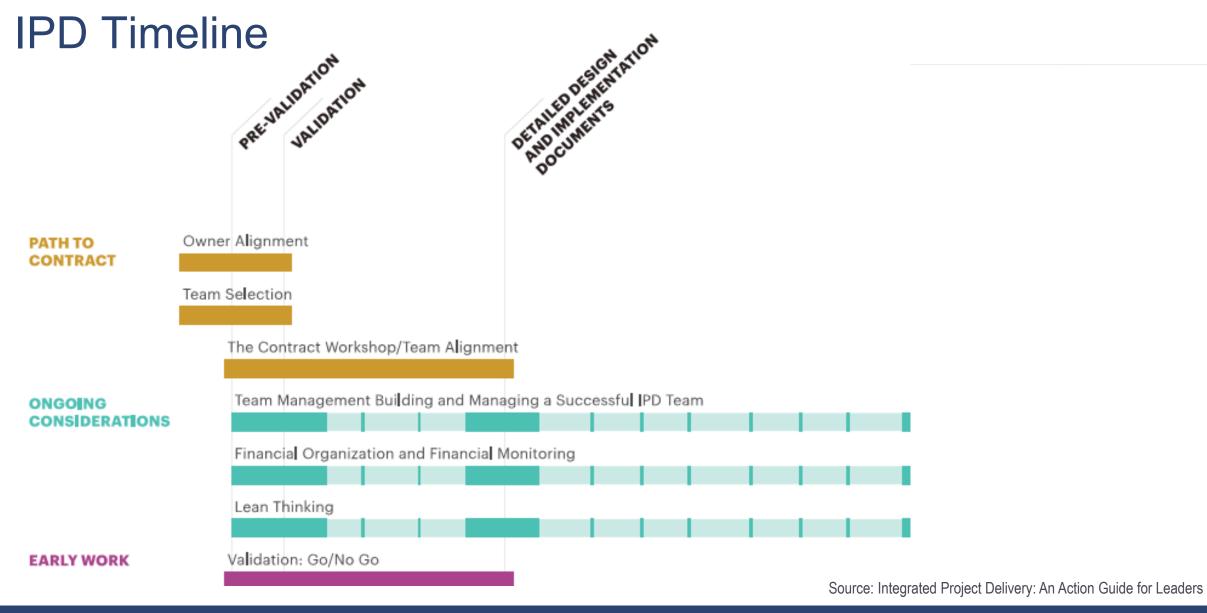
Coffee Area:

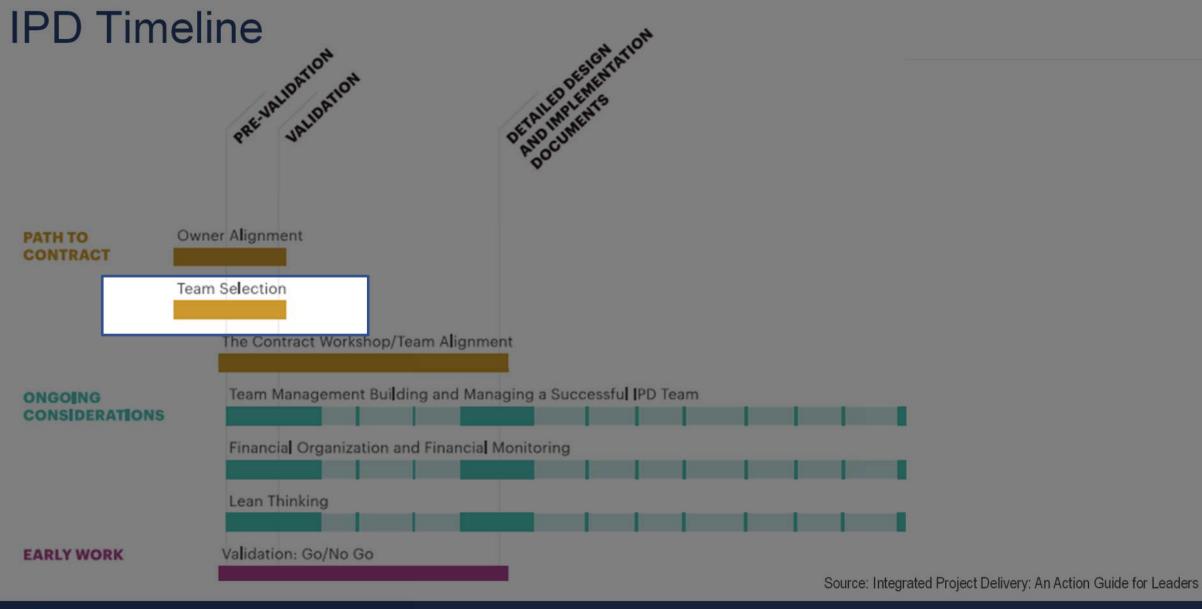
Edible provisions will bring natural aromas to the Entry/lobby area. Slight aromas will provide a positive distraction and ease anxiety for patients. Since patients and family spend a lot of time in waiting areas, this provides a convenient location to wait in a neighborhood café type setting. Café tables and booths combined with a ceiling architectural feature will provide a visual interest for patients and family to stay which are amenities that make patients feel calmer.













Pre-Construction

Based on the scope of work provided the A/E/GC team will develop an Estimated Maximum Price (EMP) for the master plan projects construction cost along with a line item, schedule of values.

The A/E/GC team will:

- Develop a preliminary construction schedule.
- Actively collaborate with the Owner, IFS and the design team throughout the design process using BIM to assist in the development of a complete set of coordinated Construction Drawings.
- Develop a project logistics plan.
- Participate in and lead the Target Value Design Process as required for the completion of the Construction Documents.
- Participate in all government approvals as needed.

Architectural and Interior Design Services to include:

- Lead visioning and space programming with staff and stakeholders
- Collection of facility and building system requirements via stakeholder needs assessment.
- Conceptual design through construction document development
- Close-out and post occupancy surveys

Output and methods:

BIM

Revit files

AutoCad files

Construction Management

The A/E/GC team will participate with the Elim team, and IFS, the Elim Program Manager, with Elim ultimately maintaining final control of the master plan. Integrated Facilities Solutions will have a project manager assigned to the master plan and will act as Program manager for the projects.

Scheduling

The A/E/GC team will develop and maintain (with Owner input) a project master schedule – both total project and short-term schedules. The Schedule will incorporate:

- 1. Regulatory Approvals
- 2. Design
- 3. Owner review/approval milestones
- Integration of Owner-provided services (IT, FF&E, etc.)
- 5. Long Lead: decisions, procurement
- 6. City review/approvals
- 7. Bidding and construction activities
- 8. Third party Commissioning (due to LEED requirements/training)
- 9. Post-occupancy/warranty support



Estimating (GC Scope)

The GC will work with Owner and the Design Team to:

- 1. Implement and manage Target Value Design
- 2. Complete review of the budget validation overall budget categories
- 3. Develop cost model by building system
- 4. Once program and construction budget are validated, perform ongoing cost analysis at key milestones reconciling back to previous revisions and identifying variances
- 5. Ongoing assistance in evaluation of systems, methods and materials to allow choices: brainstorm alternate methods, routing, etc., developing pros and cons relative to price and facility operation impacts
- 6. Evaluation of best value options which include life cycle analysis
- 7. Discuss means of more clearly describing cost/operation trade-offs to various user reps
- 8. Impacts of phasing/sequencing and other logistical coordination on cost/schedule
- 9. Identification of required allowances and Estimated Maximum Price contingency

Research and Constructability (GC scope)

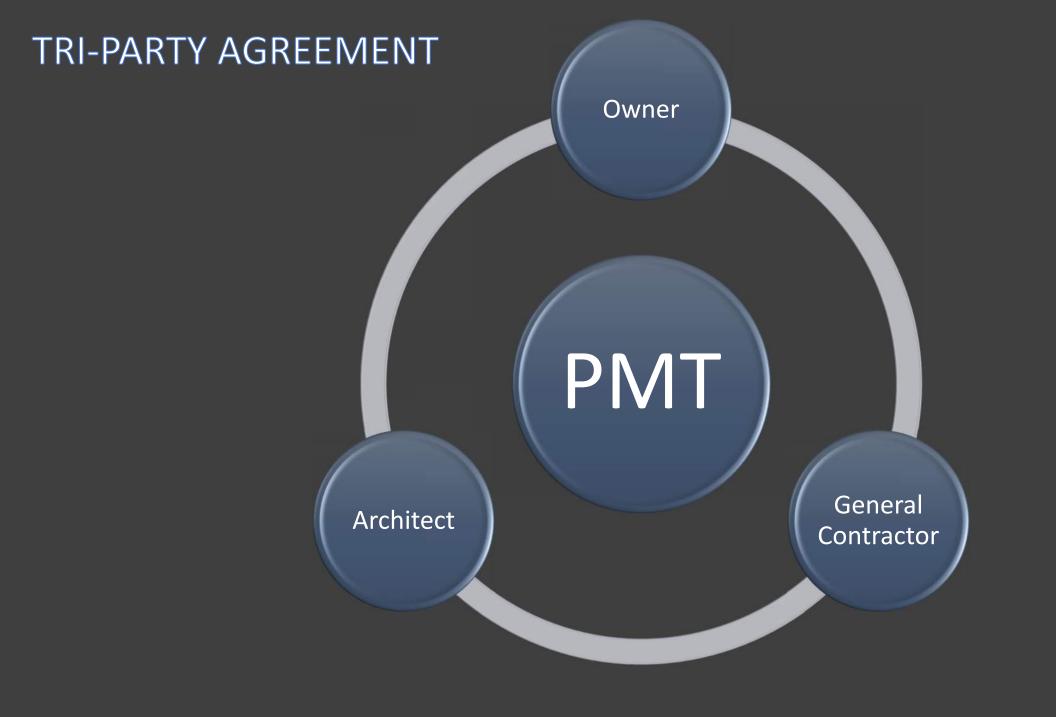
- 1. Research existing conditions, access, utility sizes/locations, etc.
- 2. Provide construction means, methods and practices as needed
- 3. Details and other documentation conveying design intent as cost effective and ultimately buildable
- 4. Coordination with the various design disciplines
- 5. Coordination between drawings and specifications
- 6. Work with the A/E team and all consultants to ensure design is complete when submitted for approval
- 7. Assist Owner and A/E team in refining the ultimate structure of the "design-assist" and "design-build". Every effort will be made to ensure all elements that are typically deferred approvals are coordinated into the construction documents.

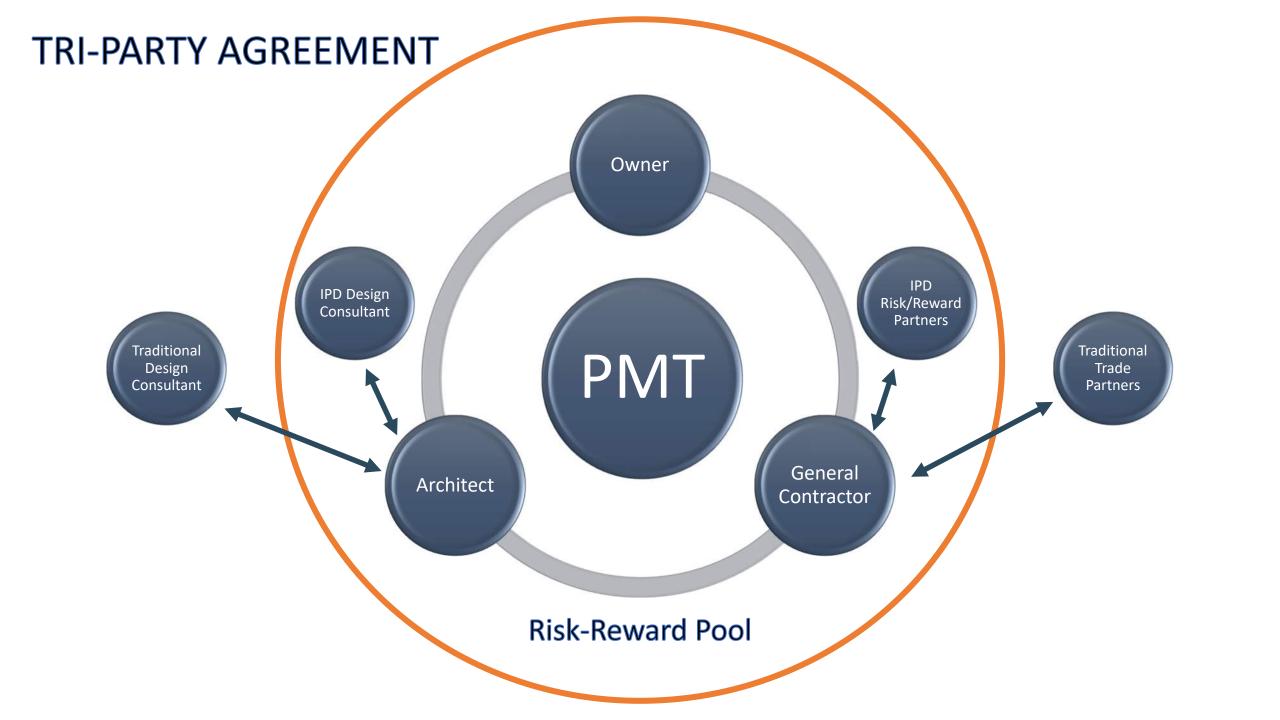
Refining Means of Subcontracting (GC scope)

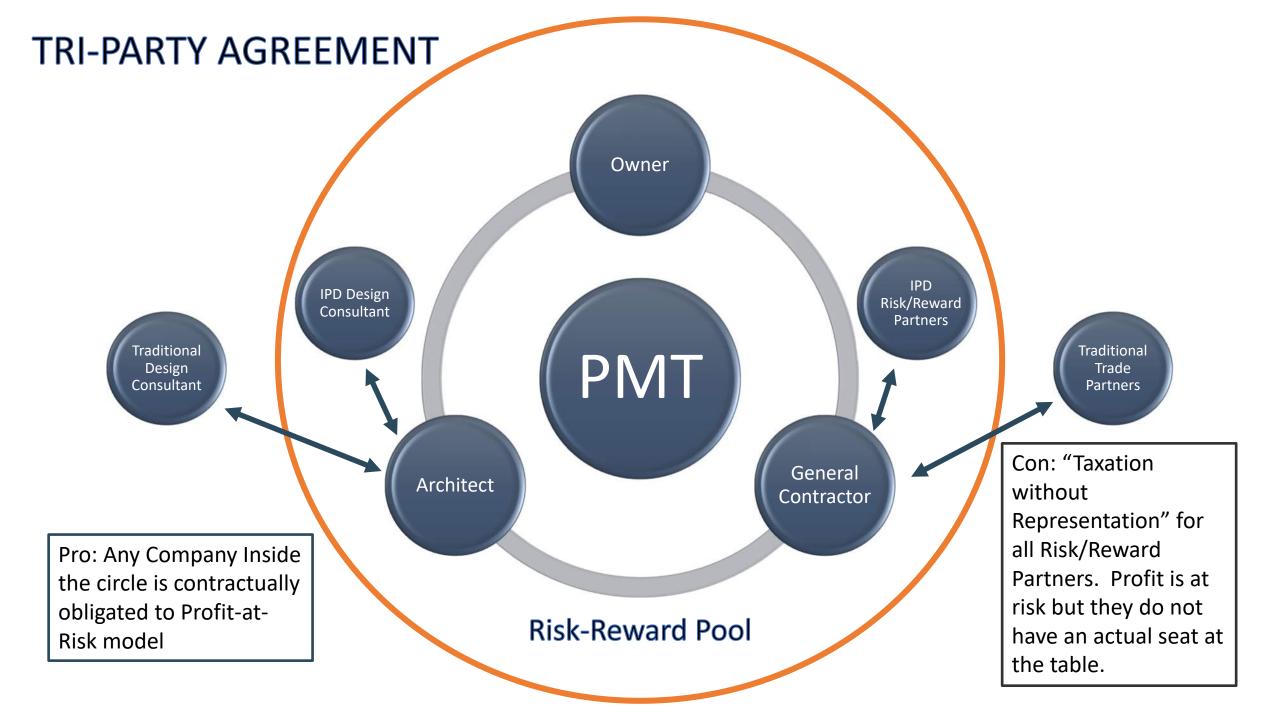
- 1. Subcontractor pre-qualification
- 2. Bidding (and subcontract "RFP's" if applicable)
- 3. Provide recommendation on various subcontracting options for early participation that you feel would benefit the project

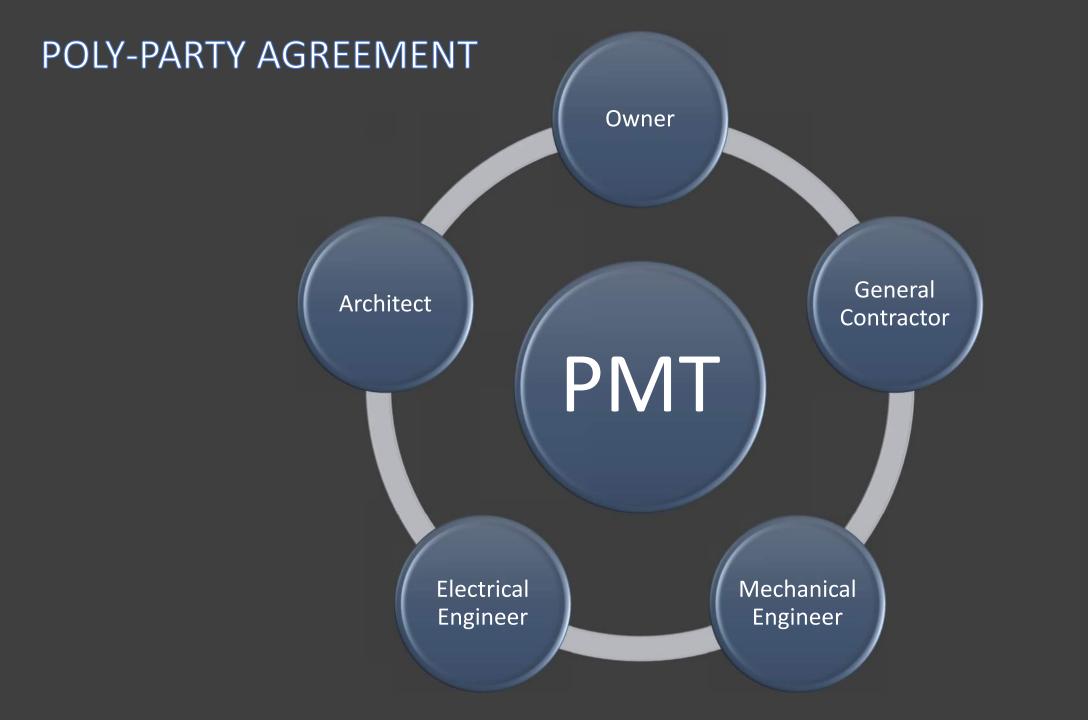
Other (GC scope)

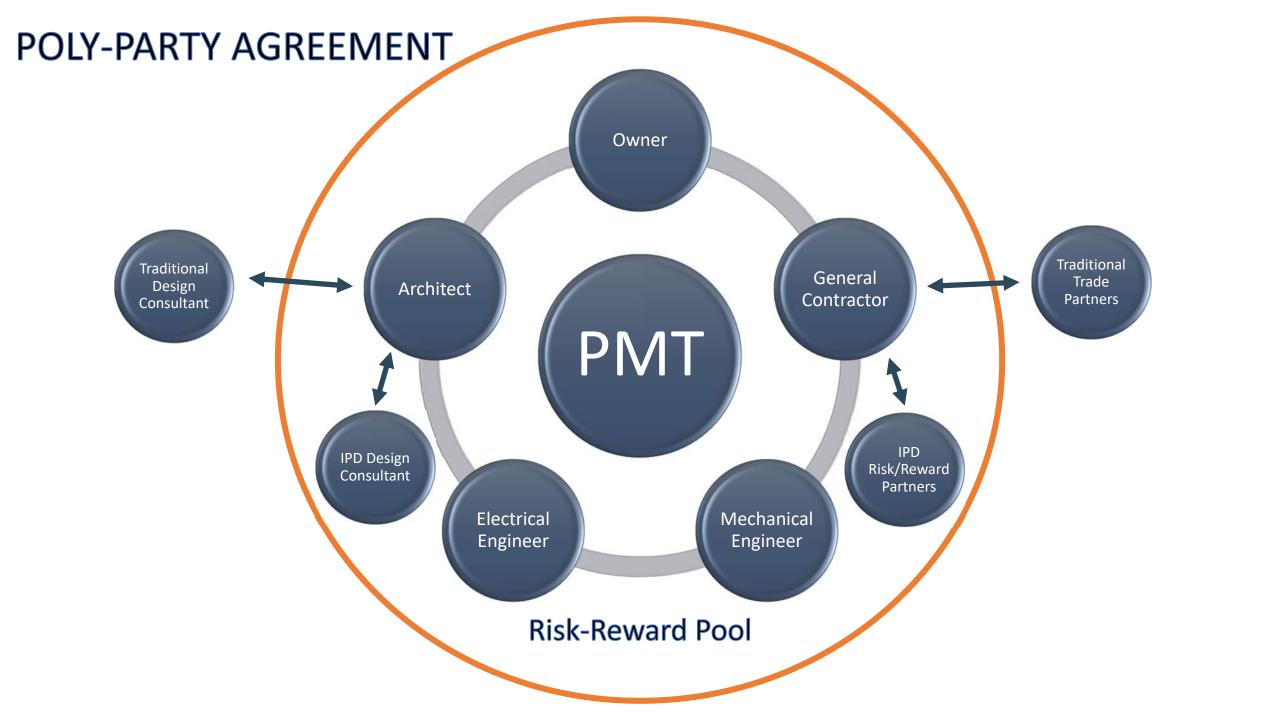
- 1. Construction staging and site management planning
- 2. Provisions for temporary services
- 3. Owner requirements for early occupancy, partial move-ins, etc.
- 4. Analysis of noise and disruption mitigations adjacent to/over areas of ongoing operations
- 5. Potentially develop and maintain Web-based project management application
- 6. Cash flow analysis/projection over life of project

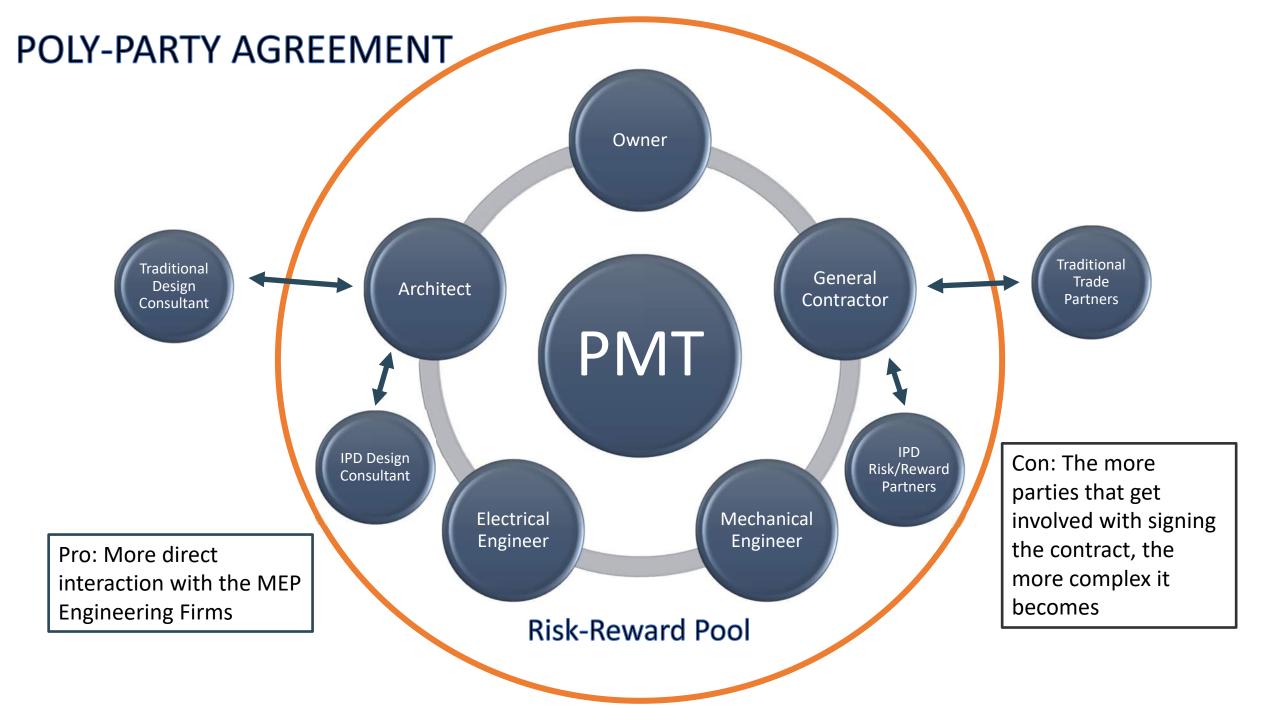


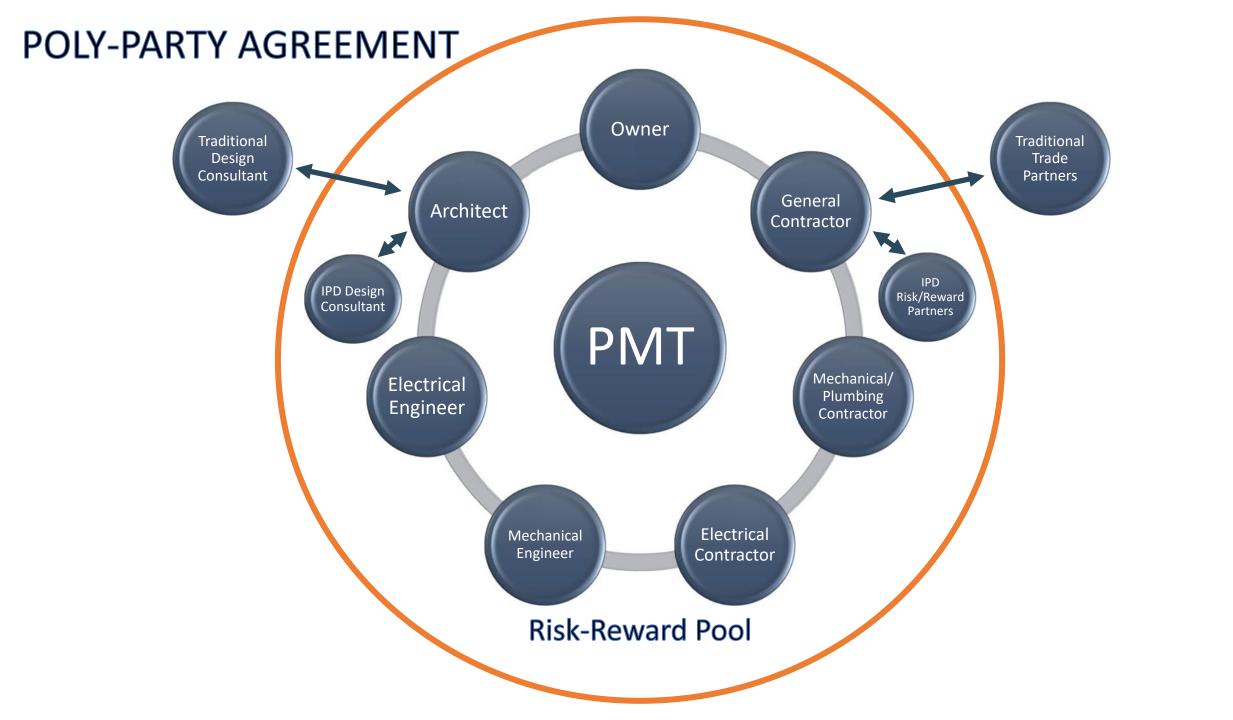


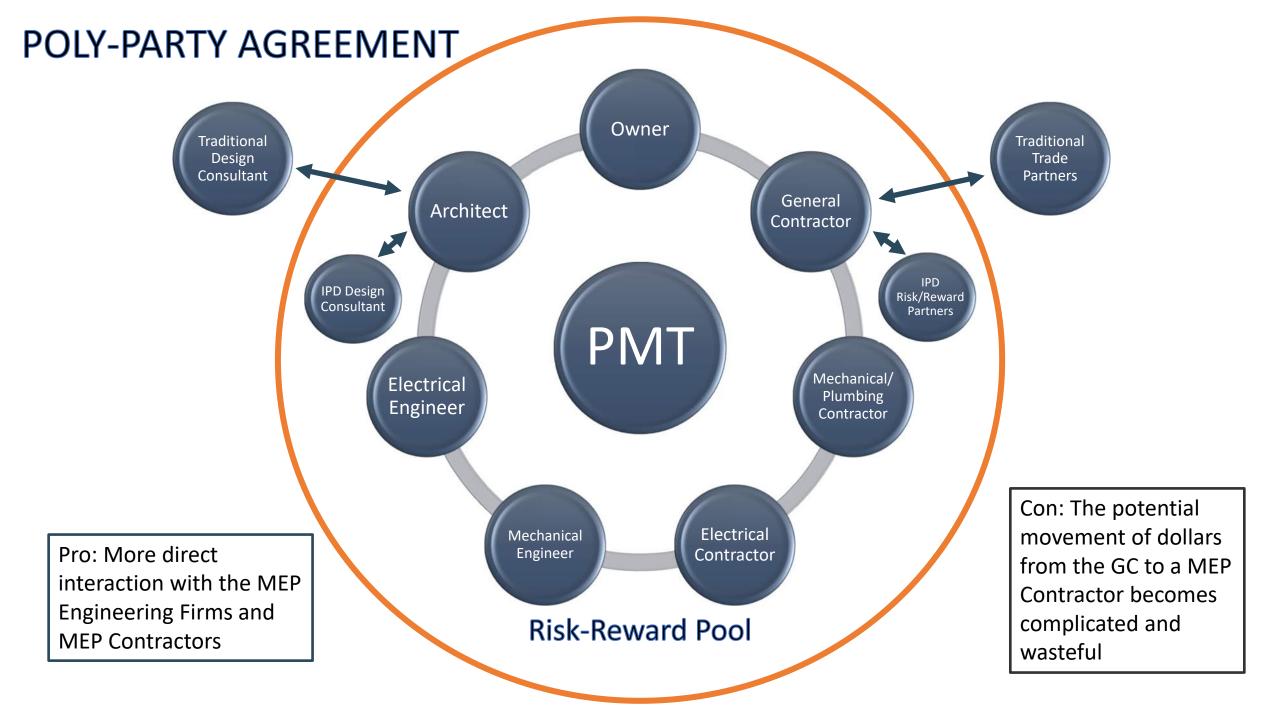




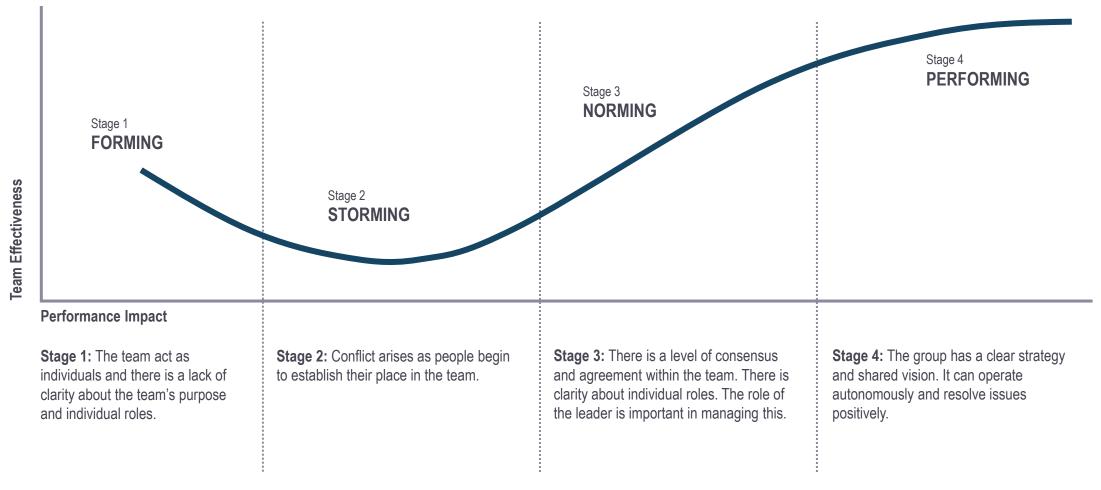








The Four Stages of Teaming

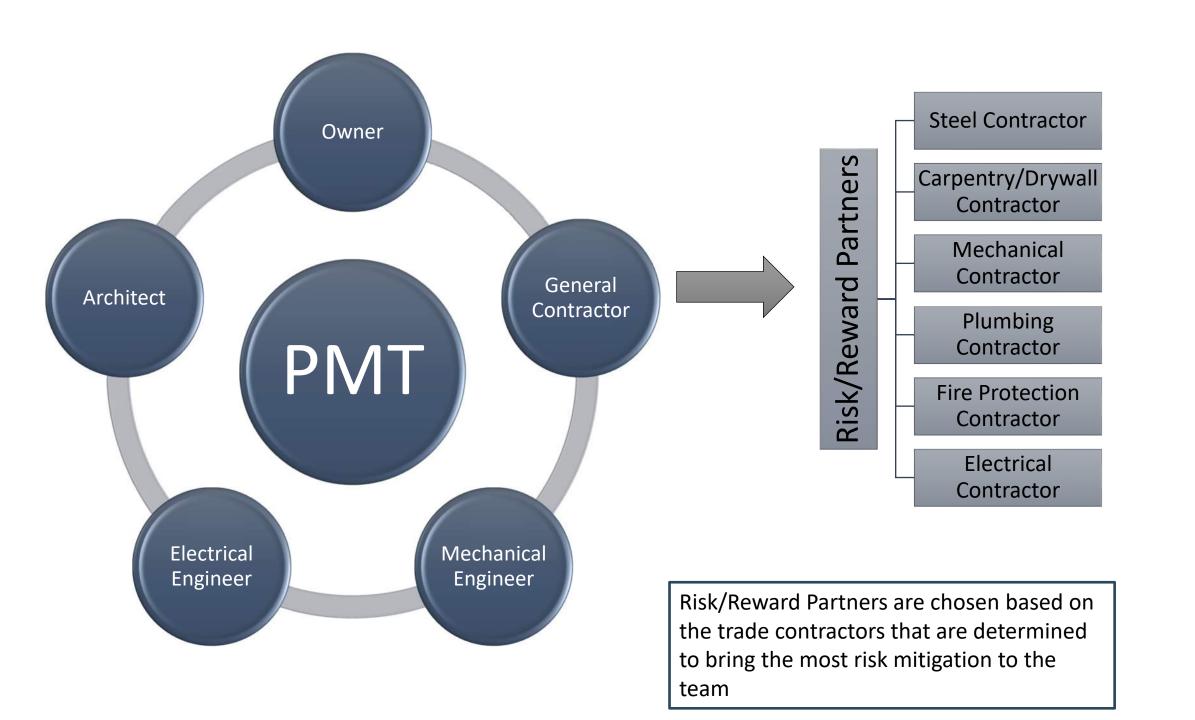




Partner Selection

On a Lean IPD project, selecting the right partners is even more critical than in a traditional project environment.

The buy-in of team members into executing work in a Lean and integrated way, where risk and reward are shared, will be key to project success.



Incentive Pool Calculations

EMP									
Architect	\$	170,000							
Mechanical Engineer	\$	95,000							
Electrical Engineer	\$	60,000							
General Contractor (w/Trade Partners)	\$	9,750,000							
IFOA Contingency	\$	400,000							
	\$	10,475,000							

EMP vs. FINAL Co	OST ANALYSIS
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\$ 10,475,000	(all costs + contingency)
\$ 10,187,500	(EMP - Profit)
\$ 9,787,500	(ART-contingency)
\$ 9,416,500	(actual costs)
\$ 371,000	(shared incentive)
\$	\$ 10,187,500 \$ 9,787,500 \$ 9,416,500

INCENTIVE CALCULATIONS										
Shared Incentive \$371,000										
Final cost < Incentive					(R/R Members/Owner)					
\$1 to \$100,000	\$	35,000	\$	65,000	(35% / 65%)					
\$100,001 to \$200,000	\$	50,000	\$	50,000	(50% / 50%)					
\$200,001 to \$500,000	\$	111,150	\$	59,850	(65% / 35%)					
	\$	196,150	\$	174,850	Shared Incentive \$371,000					
Contingency			\$	400,000						
Total Incentive	¢	196 150	¢	574.850						

R/R Members	Risk	:/Reward Amount	Risk/ Reward %	Added Profit Pool	Total R/R Profit
Architect	\$	15,000	5.22%	\$ 10,234	\$ 25,234
Mechanical Engineer	\$	9,500	3.30%	\$ 6,481	\$ 15,981
Electrical Engineer	\$	6,000	2.09%	\$ 4,094	\$ 10,094
General Contractor	\$	105,000	36.52%	\$ 71,637	\$ 176,637
Steel Trade Partner	\$	30,000	10.43%	\$ 20,468	\$ 50,468
Carpentry Trade Partner	\$	55,000	19.13%	\$ 37,524	\$ 92,524
Fire Protection Trade Partner	\$	5,000	1.74%	\$ 3,411	\$ 8,411
Plumbing Trade Partner	\$	12,500	4.35%	\$ 8,528	\$ 21,028
Mechanical Trade Partner	\$	27,500	9.57%	\$ 18,762	\$ 46,262
Electrical Trade Partner	\$	22,000	7.65%	\$ 15,010	\$ 37,010
	\$	287,500	100.00%	\$ 196,150	\$ 483,650

EMP

Architect	\$ 170,000
Mechanical Engineer	\$ 95,000
Electrical Engineer	\$ 60,000
General Contractor (w/Trade Partners)	\$ 9,750,000
IFOA Contingency	\$ 400,000

10,475,000

EMP vs. FINAL COST ANALYSIS

EMP	\$	10,475,000	(all costs + contingency)
ART	\$	10,187,500	(EMP - Profit)
Incentive Threshold	\$	9,787,500	(ART-contingency)
Final Cost	¢	0.416.500	(actual costs)
Final Cost	\$	9,416,500	(actual costs)
\/oviono		271 000	(abanad in agrativa)
Variance	\$	371,000	(shared incentive)

INCENTIVE CALCULATIONS

Shared Incentive \$371,000	R/R Members	Owner	
Final cost < Incentive			(R/R Members/Owner)
\$1 to \$100,000	\$ 35,000	\$ 65,000	(35% / 65%)
\$100,001 to \$200,000	\$ 50,000	\$ 50,000	(50% / 50%)
\$200,001 to \$500,000	\$ 111,150	\$ 59,850	(65% / 35%)
	\$ 196,150	\$ 174,850	Shared Incentive \$371,000
Contingency		\$ 400,000	
Total Incentive	\$ 196,150	\$ 574,850	

RISK/REWARD DISTRIBUTION

R/R Members	Risk	/Reward Amount	Risk/ Reward %	Added Profit Pool	Total R/R Profit
Architect	\$	15,000	5.22%	\$ 10,234	\$ 25,234
Mechanical Engineer	\$	9,500	3.30%	\$ 6,481	\$ 15,981
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Electrical Trade Partner	\$	22,000	7.65%	\$ 15,010	\$ 37,010
	\$	287,500	100.00%	\$ 196,150	\$ 483,650

Risk/Reward Essentials



Labor Rates



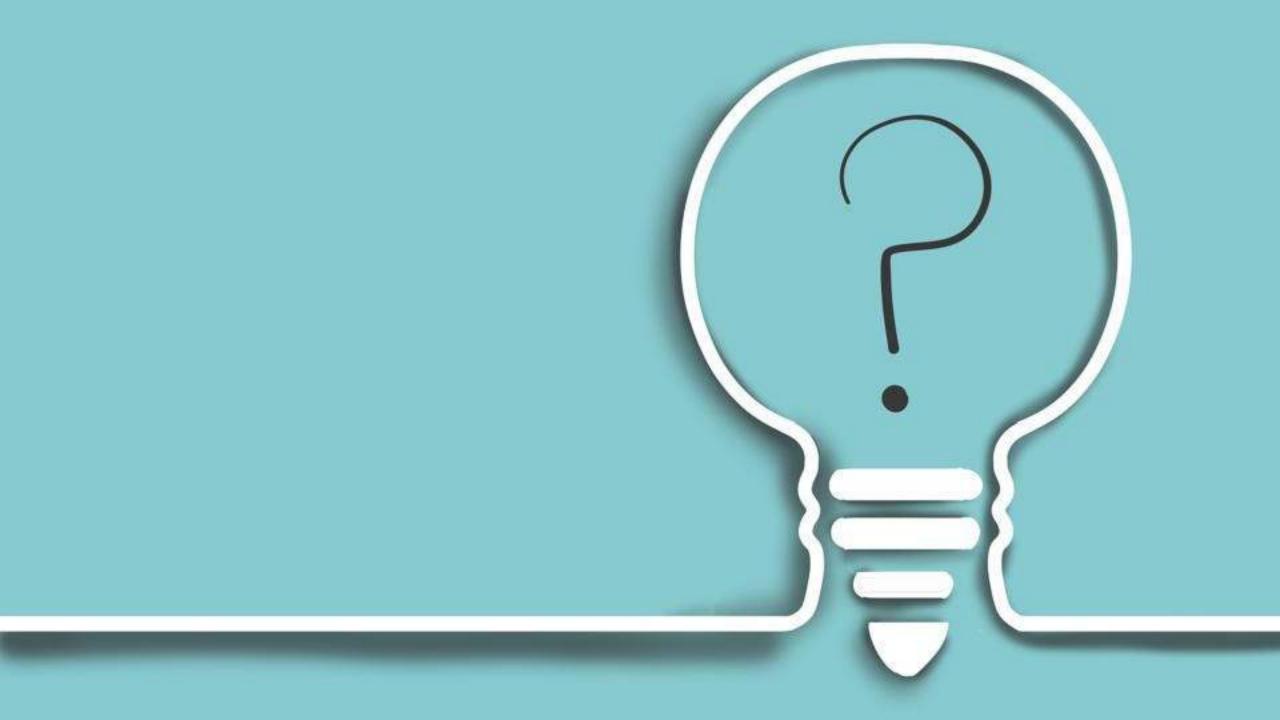
Material Rates



Overhead Percentage



Profit Percentage





(What did we find was valuable?)



(What would we adjust for next time?)



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