# WHAT IS DESIGN-BUILD?

A project delivery system used in the construction industry to deliver a project in which the design and construction services are contracted by a single entity known as the design-builder or design-build contractor.

# **SEQUENCE OF EVENTS**

**Preliminary Drawings** and Budget Completed

**Contract Awarded**  Sub-Contractors Receive Scope of Work

Suggestions for Cost Reduction

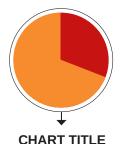
Construction **Begins** 

# **Challenges**

1. Contractor must be honest. reliable, skilled in design-build and be able to understand the needs of the owner.

# **Advantages**

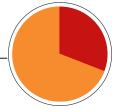
- 1. Single Sources responsibility
- 2. Maximizing of opportunities to consider all contractor and subcontractor input for cost reduction and value enhancement.
- 3. More flexibility for changes at the lowest cost.
- **4.** Shortest construction time with ability to use maximum coordination and overlap of activities.





## **OUICKEST DELIVERY** with Best Value.

Ouality/Cost/Scope are never compromised. Open lines of communication.to meet the customers requirements.



#### **COMMUNICATION:**

THE VALUE OF

**DESIGN-BUILD:** 

Selections are made based on timing to the

project, pricing, and

quality of work. The

"Trifecta" decision

process can be

reviewed behind

the scenes and and

on the decision while

being insulated from the contractors

Design-build allows

to the permitting of

the project to run in

synchronized time

with final design of

the project. Many

projects can be

completed in the

jobs are planned

**FLEXIBLE:** 

same time traditional

Design-build allows the customer to

interact on design. Needless over-design

and unnecessary

scope is cut-out in the design phase

and not the "value

engineering" stage

many months down

the road

**EFFICIENT:** 

owner can interact

Design-build allows for a harmonious relationship between owner and contractor. Not me vs. you in the traditional world

# **COST EFFECTIVE:**

Cost; meet budget, minimize professional fees (Saves Time, Saves Money)

#### PROFESSIONAL:

Design Professionals-Kessel & Owner engage. Kessel is the project lead, minimizes professional fees (Arch & Eng'rs), more efficient timing

**TEAMWORK:** Team approach, integrated team and integrated delivery

#### **OWNER** PARTICIPATION:

sub/ supplier selection, decisions. scope & layout, flexibility



345 High St, Bradford, PA 16701 (814) 362-4696 • www.kesselco.com **CHART TITLE** 

# WHAT IS DESIGN-BUILD?

A project delivery system used in the construction industry to deliver the <u>design</u> and <u>construction</u> services. The owner engages a single entity known as the design-builder or design-build contractor.

# SEQUENCE OF EVENTS

Preliminary Drawings, Scope Established Sub-Contractors Receive Drawings Proposal and Cost Established Suggestions for Cost Reduction

**Contract Awarded** 

Construction Begins

# **Challenges**

- 1. Contractor must be skilled in design-build.
- 2. Contractor must understand the needs of the owner.
- 3. Contractor must be honest, reliable.

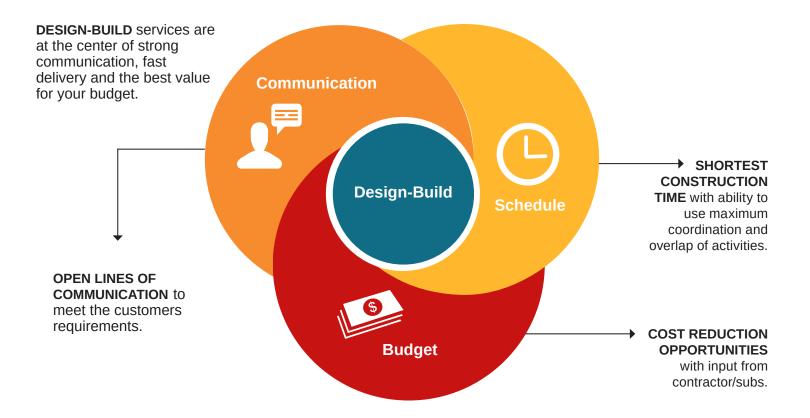
# **Benefits**

- 1. Single Source responsibility
- **2.** Maximizing of opportunities to consider all contractor and subcontractor input for cost reduction and value enhancement.
- **3.** More flexibility for changes at the lowest cost.
- **4.** Shortest construction time with ability to use maximum coordination and overlap of activities.
- 5. Owner can focus on their business.

# DESIGN-BUILD offers the quickest delivery with the best value.

Project cost along with the final scope of work are generated earlier in the process, allowing your project to get started as quick as possible and finished on schedule.





# THE VALUE OF DESIGN BUILD

Selections are made based on timing to the project, pricing, and quality of work. The decision process can be reviewed behind the scenes and the owner can interact with the contractor on the decision making process while being insulated from the process of final selection.

#### **EFFICIENT:**

Design-build allows permitting of the project to run in synchronized time with final design of the project. Many projects can be completed in the same time traditional jobs are planned

#### **FLEXIBLE:**

Design-build allows the customer to interact on design. Needless overdesign and unnecessary scope is cut-out in the design phase and not the "value engineering" stage many months down the road

## **COMMUNICATION:**

Design-build allows for a harmonious relationship between owner and contractor. Not me vs. you in the traditional world

#### **COST EFFECTIVE:**

Cost; meet budget, minimize professional fees. Budget identified sooner (Saves Time, Saves Money)

## **PROFESSIONAL:**

Design Professionals- Kessel & Owner engage, Kessel is the project lead, minimizes professional fees (Architects and Engineers), more efficient timing

#### **TEAMWORK:**

Team approach, integrated team and integrated delivery

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