

Pipe Bridge Project Planner

How to Use

This planning sheet is useful in pre-planning a pipe bridge before approaching design fabrication firms for detailed engineering work or cost estimates. Fill in as many project details below as you can to help streamline the planning and quotation process. An experienced design and build engineer can help you build out and specify unknown project elements.

Pipe Bridge Specifications

Timeline: _____

Budget: _____

Length _____

Height _____

Clear span: _____

Loading: _____

Pipe Specifications : _____

Services: _____

Number: _____

Size: _____

Insulation: _____

Electric: _____

Will the bridge be free standing or part of another structure?

How/to what is the pipe bridge connected on either side once installed?

Materials of Construction (MOC):

Please attach any piping general arrangements you may have.

Industry standards and codes: _____

(ex. GMP, Sanitary, 3A, Food grade, etc.)

Dimensions of available space? _____

NDA required? Yes or No _____

Accessibility requirements: _____

(ex. None, ladders, platforms, manways, etc.)

Future planned expansions? _____

Are there high temperature or critical services?

Expansion loops? _____

Any steel sizing work completed? _____

Flat or trussed? _____

(Attach relevant documents)

Will any of the following be required (circle all that apply)

Heat tracing | Lighting | Foundation work

Seismic zone: _____

Wind loads: _____

Snow loading: _____

Additional System Scope

Any additional system scope? Added processing steps or storage tanks?

Additional utilities? _____

How to turn this information into a cost estimate or basic design package

The easiest way to get a cost estimate is to contact a pilot plant design and build firm and discuss these project parameters with them. EPIC Systems, Inc. specializes in process system design, fabrication and automation. Visit www.epicmodularprocess.com or call 314-845-0077 to talk to an engineer.



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