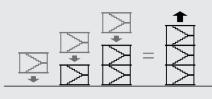
MODULAR STAIR SYSTEMS (MSS) COST REVIEW

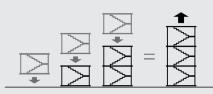


Customer and Project Information

Customer Name:	Project N	lame:		
Plans phase and date:	Units for the Project:			
	Location	of the proje	ect:	
Item Description	Standard	MSS	Standard Cost	MSS Cost
Design Stage				
Stair needs to support the project overall including codes & ADA.		\checkmark	A&E fees increased	\$ 0.00
Engineering coordination.		\checkmark	A&E fees increased	\$ 0.00
Modeling stairs for project so they are a drag & drop into plans.		\checkmark	A&E fees increased	\$ 0.00
Continued support of the engineering & design through to construction.		\checkmark	A&E fees increased	\$ 0.00
Coordination with other partners to avoid issues & conflicts during design.		\checkmark	GC fees increased	\$ 0.00
Solid pricing model from early design stage.		\checkmark	GC fees increased	\$ 0.00
Stamped & sealed design drawings.		\checkmark	A&E fees increased	\$ 0.00
Specification for the project.		\checkmark	A&E fees increased	\$ 0.00
Project Planning/Production Stage				
Dedicated project team to support from design through completion.		\checkmark	Time delay in schedule	\$ 0.00
Ability to release on a PO for production without site conditions verified.		\checkmark	Time delay in schedule	\$ 0.00
Deliver stairs to the site at the start of the project.		\checkmark	Time delay in schedule	\$ 0.00
Have shop fabricated assemblies to the level MSS provides.		\checkmark	Increased field costs	\$ 0.00
Remove load on the building & shaft liner (cost per floor).		\checkmark	Construction costs	\$ 800.00
Incorporate a tested seismic connection to meet ASCE 7-16 requirements for egress stairs in seismic zones (cost per floor).		\checkmark	Not an option	\$ 1,800.00
Installation Stage				
Install stair tower that is self supporting & fully functional.		\checkmark	Time delay in schedule	\$ 0.00
Provide a pour stop for concrete with embeds for a structural connection.		\checkmark	Time delay in schedule	\$ 0.00
Install the stairs on the slab 10 days after the concrete cure.		\checkmark	Time delay in schedule	\$ 0.00
Set finished floor height to assist in accuracy of construction.		\checkmark	GC time to coordinate	\$ 0.00
Scaffold or lifts needed for the project access.		\checkmark	Research cost	\$ 0.00
Welding in the structure.		\checkmark	Fire Hazard=Insurance Risk	\$ 0.00
Temporary stairs		\checkmark	Research cost	\$ 0.00
Time of install down to hours per shaft for 4 floors.		\checkmark	\$11,200.00	\$ 3,000.00
Provide safety access for emergency personel during construction.		\checkmark	Not an option	\$ 0.00
Provide access to the project for inspectors early on.		\checkmark	Time delay in schedule	\$ 0.00
Provide faster & safer access for workers during consturction.		\checkmark	Time delay in schedule	\$ 0.00



MODULAR STAIR SYSTEMS (MSS) COST REVIEW



Customer and Project Information

Customer Name: _

Plans phase and date: ____

Project Name: _

Units for the Project: _____

Inclusions

Price includes shop drawings, material, & fabrication labor.

All engineering fees (includes sealed shop drawings, design calcs & stamps).

All mounting hardware included for modular parts.

Installation plans included in all plans.

Jig for locating mounting hardware is included as needed per project.

When Driftready capable it can achieve 4% inter story drift.

Exclusions

All wood blocking by others.

All performance & payment bonds.

All permits, licenses, inspections & testing, if required.

If Architecturally Exposed Structural Steel (AESS) is not specifically called for on the plans it is not included in this bid.

All concrete coring, grouting.

All light-gauge metals.

Embeds & anchor bolt placement by others.

Concrete scanning by others.

Anchor bolts assumed as furnish only.

All finished painting & galvanizing assumed by others UNO.

All simpson connections/material & install by others.

Product cost do not include crane, installation or delivery costs UNO.



Construction Specialties[•]

