



Pennsylvania Shakespeare Festival
 Summer 2017
 Evita
 Prelims Version 5.1
 4/25/2017

Budget Overview

	Budget Goals	Cost Est.	Build Est. Hrs.	Load In Est. Hrs.
Evita	\$12,240.00	\$11,076.00	496.5	416
Contengency at 10%		\$1,107.60	49.7	42

Total:	\$12,240.00	\$12,183.60	546	458
Difference:		\$56.40		

Available Labor Hours

Title Hrs./Week	Build 2 May 16-21	Build 3 May 23-28	Build 4 May 30-June 4	Build 5 June 6-11	Build 6 June 13-18
D.d'Egnuff- Shop Foreman	Ice Princess	Ice Princess	43	28	20
TBD- Carpenter	38	45	43	28	20
TBD-Carpenter	Ice Princess	Ice Princess	43	28	20
TBD-Carpenter	38	45	43	45	20
TBD-Carpenter	38	45	43	45	20
P.Docter-Deck Chief	Ice Princess	Ice Princess	27	33	Running Evita
TBD- Junior Carpenter	Ice Princess	45	43	45	20
TBD-Carp Intern	Ice Princess	Ice Princess	23	28	6
TBD- Run Crew Intern	17	45	43	14	Running Evita
Overhire 1	---	---	---	---	---
Overhire 2	---	---	---	---	---
Overhire 3	---	---	---	---	---

Total: 131 225 351 294 126

Schubert Evita Build	Schubert Install Evita Build	Schubert Notes Evita Build	Evita Install Hound Build	Hound Build Evita Notes
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Notes on Labor:

- Build 2 hours reduced for some staff arriving later during the week.
- Build 2 hours reduced for move in from the hotel to company housing.
- Build 3 hours increased 4 per person for 1 evening work call.
- Build 4 hours reduced 1 hour per person for company meeting, and 1 hour per person for Gala.
- Build 5- Deck Cheif hours reduced to develop changeover plan.
- Build 5 hour reduced due to tech moving earlier.
- Build 6 hours are not included in labor totals, they are allotted for notes only.

Available Build Hrs.:	707
Available Load In Hrs.:	294
Estimated Build Hrs.:	546
Estimated Load In Hrs.:	458
Build Hours Needed:	-161
Load In Hours Needed:	164
Hours Need:	3



Changes Since Version 5:

- Revised revolving door to be actor operated instead of ridden.
- Added labor tripping the upstage scrim.



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Evita

	Cost Est.	Percent Cost of Budget	Build Est. Hrs.	Load In Est. Hrs.
1. Show Deck	\$ 2,435.00	20%	56	112
2. Deck Escapes and Upstage Platform	\$ 486.00	4%	23	17
3. Downstage Truss and Legs	\$ 724.50	6%	31.5	30
4. Three Arches Truss	\$ 1,739.00	14%	68	60
5. Flying Bridge	\$ 1,018.00	8%	70	40
6. Spot Towers	\$ 870.00	7%	38	26
7. Tracking Shutters	\$ 1,198.50	10%	96	44
8. Up-Center Tracking Wagon	\$ 156.50	1%	17	16
9. Tracking Door	\$ 412.50	3%	18	20
10. Staircases	\$ 944.00	8%	47	15
11. Flying Signs/Banners	\$ 960.00	8%	32	9
12. Soft Goods	\$ 132.00	1%	0	27
13. Props	\$ -	0%	0	0
Sub Total:	\$11,076.00	90%	496.5	416
Contingency at 10%	\$1,107.60	9%	49.7	42
Total:	\$12,183.60	100%	546	458

Available Labor Hours

Title Hrs./Week	Build 2 May 16-21	Build 3 May 23-28	Build 4 May 30-June 4	Build 5 June 6-11	Build 6 June 13-18
Total:	131	225	351	294	126
	Schubert Evita Build	Schubert Install Evita Build	Schubert Notes Evita Build	Evita Install Hound Build	Hound Build Evita Notes

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- Added labor tripping the upstage scrim.

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1. Show Deck

The show deck is raked at 1/2" per foot, it extends past the fire curtain. The downstage most section is stock and custom platforms, the deck transitions to studwalls and OSB covered in 1/4" MDF. A plywood break is used at fire curtain line. A track is cut upstage/downstage for tracking platform, and a track is cut stage right/left for the tracking door- starting at center to off-left. The deck will have holes cut and covered with plexi and the downstage edge is trimmed with 1/4" MDF.

Build

Task	Crew #	Hours	Total
Studwalls (SW): Cut studs	2	3	6
SW: Plates	1	2	2
SW: Jig Assemble	2	10	20
Cut OSB deck sheets	2	1.5	3
Plexi: build jig for bandsaw	1	2	2
Plexi: Cut circle blanks	1	1	1
Plexi: cut plexi blanks	1	1	1
Plexi: cut discs	1	4	4
Fabricate fire curtain break	1	1	1
Pull stock platforms	4	2	8
Build DS Platform Legs	1	2	2
Build custom DS platforms	2	3	6
			0
			0
		Total	56

Load In

Task	Crew #	Hours	Total
Layout deck points	3	1	3
Install studwalls	4	3	12
Install platforms	2	3	6
Install deck OSB	4	10	40
Install MDF	4	10	40
Install edging	1	2	2
Cut plexi holes	2	4	8
Install plexi	1	1	1
			0
			0
		Total	112



Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Downstage Platforms	Stock	4	--	\$0.00	\$0.00
Fire curtain break	3/4" Plywood CDX	1	4x8	\$22.00	\$22.00
Built platforms	2x4x16	6	ea	\$7.00	\$42.00
Built platforms	3/4" OSB	4	4x8	\$19.00	\$76.00
Built platform legs	2x4x16	2	ea	\$7.00	\$14.00
Studwalls	2x4x16	98	ea	\$7.00	\$686.00
studwalls decking	3/4" OSB	38	4x8	\$19.00	\$722.00
MDF deck covering for paint	1/4" MDF	42	4'1x8'1"	\$11.00	\$462.00
MDF for deck edging	1/4" MDF	1	4'1x8'1"	\$11.00	\$11.00
Plexi	1/4" Plexi	2	2x4	\$100.00	\$200.00
Shims for studwall install	Shims	20	42pk	\$5.00	\$100.00
Screws for install	Misc. Hardware	4	ea	\$25.00	\$100.00
	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
			Total		\$2,435.00

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2. Deck Escapes and Upstage Platform

Escapes from the rake are revised to be steps in places with extensions of the rake off stage of the spot towers for stairs. The escapes are labeled A-E. Mapping of this is available if desired. The upstage platform is unchanged, it is constructed of stock platforms on legs. It is not raked except the center portion for the tracking platform. Only the upstage platform behind the sliders and the offstage left rake extension are deck with a MDF walking/paint surface.

Build

Task	Crew #	Hours	Total
Step A- Cut Carriages	1	4	4
Step A- Cut treads	1	2	2
Step A- Assemble	1	3	3
Fabricate Step B	1	2	2
Step C- Build Platform	1	1	1
Step C- Build Legs	1	1	1
Step C- Assemble Unit	1	0.5	0.5
Fabricate Step D	1	2	2
Fabricate E- Studwalls	1	2	2
Fabricate E- OSB	1	0.5	0.5
Upstage platform legs	1	2	2
Upstage custom platforms	1	3	3
			0
			0
		Total	23

Load In

Task	Crew #	Hours	Total
Install All Steps	1	1	1
Install Offstage Left Rake (STEP E)- studwalls	2	2	4
Install Rake OSB	2	1	2
Install MDF	2	1	2
Install Upstage platforms	2	4	8
			0
			0
		Total	17

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Step A Framing	3/4" Plywood CDX	4	4x8	\$22.00	\$88.00
Step B Framing	3/4" Plywood CDX	0.5	4x8	\$22.00	\$11.00
Step C- Framing	2x4x16	2	ea	\$7.00	\$14.00
Step C- Decking	3/4" Plywood CDX	0.5	4x8	\$22.00	\$11.00
Step D Framing	3/4" Plywood CDX	0.5	4x8	\$22.00	\$11.00
E- Rake framing	2x4x16	8	ea	\$7.00	\$56.00
E- Rake Deckng	3/4" OSB	4	4x8	\$19.00	\$76.00

Prepared By:

Aaron Mayer- Technical Director



E- Hardware	Misc. Hardware	2	ea	\$25.00	\$50.00
E- Concrete drill	SDS Drill	1	ea	\$90.00	\$90.00
Upstage platform- Stock platforms	---	0	--	\$0.00	\$0.00
Upstage platform- Legs	2x4x16	4	ea	\$7.00	\$28.00
Upstage platform- Legs	3/4" Plywood CDX	1	4x8	\$22.00	\$22.00
Upstage platform- extension platform	2x4x16	1	ea	\$7.00	\$7.00
Upstage platform- extension platform	3/4" Plywood CDX	1	4x8	\$22.00	\$22.00
	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
				Total	\$486.00

Prepared By:
Aaron Mayer- Technical Director

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3. Downstage Truss and Legs

The downstage truss and legs are constructed from strips of 1/2" MDF, finished with dowel rod "rivets". The Unit will be top rigged on lineset 5 for support but does not fly. The unit will be lined with S11 bulbs and pony cleats- money is budgeted for the hardware, Scenery and Lighting will share labor for installing the lighting fixtures.

Build

Task	Crew #	Hours	Total
Tower cutlist	2	6	12
Jig Towers	1	2	2
Assemble tower sides	1	4	4
Assemble tower units	2	2	4
Arch Cutlist	1	4	4
Assemble truss arches	1	3	3
Light mounting board cutlist	1	0.5	0.5
Install pony cleats	1	2	2
LX Wires	0	0	0
			0
			0
Total			31.5

Load In

Task	Crew #	Hours	Total
Rig/Install Towers	6	3	18
Rig/Install Arches	6	2	12
			0
			0
Total			30

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Truss Legs (L): Verticals	1/2" MDF	3	4'1x8'1"	\$18.00	\$54.00
L: Horizontals	1/2" MDF	2	4'1x8'1"	\$18.00	\$36.00
L: Crossbraces	1/2" MDF	1	4'1x8'1"	\$18.00	\$18.00
Truss Arches (A): Arcs	1/2" MDF	1	4'1x8'1"	\$18.00	\$18.00
A: Horizontals	1/2" MDF	0.5	4'1x8'1"	\$18.00	\$9.00
A: Crossbraces	1/2" MDF	0.5	4'1x8'1"	\$18.00	\$9.00
Light mounting board	3/4" MDF	1	4'1x8'1"	\$24.00	\$24.00
Light mounting board	1/4" MDF	1	4'1x8'1"	\$11.00	\$11.00
Rivots	1/4" Dowel	4	4ft	\$1.00	\$4.00
Rigging Materials	Rigging Materials	2	ea	\$25.00	\$50.00
Fastners	Misc. Hardware	2	ea	\$25.00	\$50.00
S11 Bulbs	S11 Bulbs	82	ea	\$1.00	\$82.00

Prepared By:

Aaron Mayer- Technical Director



Pony cleat bases	Pony Cleats- Medium screw base	82	ea	\$3.00	\$246.00
Wire	18 ga Wire	100	ft	\$1.00	\$100.00
Screws for cleats	Screws MCM: 91555A109	1.5	100pk	\$9.00	\$13.50
	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
				Total	\$724.50

Prepared By:
 Aaron Mayer- Technical Director

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4. Three Arches Truss

The three arches truss are located upstage on Lineset 19. They will be constructed from strips of 1/2" MDF, finished with furniture glide "rivets". The Unit will be top rigged for support but does not fly. The unit will be lined with S11 bulbs and pony cleats- money is budgeted for the hardware, Scenery and Lighting will share labor for installing the lighting fixtures.

Build

Task	Crew #	Hours	Total
Tower cutlist	2	8	16
Jig Towers	2	2	4
Assemble tower sides	2	8	16
Assemble tower units	2	3	6
Arch Cutlist	1	6	6
Assemble truss arches	1	8	8
Build top structure	2	4	8
Light mounting board cutlist	1	1	1
Install bases	1	3	3
LX Wires	0	0	0
			0
			0
		Total	68

Load In

Task	Crew #	Hours	Total
Rig/Install Towers	6	6	36
Rig/Install Arches	6	4	24
			0
			0
		Total	60

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Truss Legs (L): Verticals	1/2" MDF	4	4'1x8'1"	\$18.00	\$72.00
L: Horizontals	1/2" MDF	3	4'1x8'1"	\$18.00	\$54.00
L: Crossbraces	1/2" MDF	2	4'1x8'1"	\$18.00	\$36.00
Truss Arches (A): Arcs	1/2" MDF	3	4'1x8'1"	\$18.00	\$54.00
A: Horizontals	1/2" MDF	1.5	4'1x8'1"	\$18.00	\$27.00
A: Crossbraces	1/2" MDF	0	4'1x8'1"	\$18.00	\$0.00
Light mounting board	3/4" MDF		4'1x8'1"	\$24.00	\$0.00
Light mounting board	1/4" MDF		4'1x8'1"	\$11.00	\$0.00
Top fill structure	1/2" MDF	1	4'1x8'1"	\$18.00	\$18.00
Rivots	1/4" Dowel	12	4ft	\$1.00	\$12.00
Rigging Materials	Rigging Materials	3	ea	\$25.00	\$75.00
Fastners	Misc. Hardware	4	ea	\$25.00	\$100.00
S11 Bulbs	S11 Bulbs	249	ea	\$1.00	\$249.00

Prepared By:

Aaron Mayer- Technical Director



Pony cleat bases	Pony Cleats- Medium screw base	249	ea	\$3.00	\$747.00
Wire	18 ga Wire	250	ft	\$1.00	\$250.00
Screws for cleats	Screws MCM: 91555A109	5	100pk	\$9.00	\$45.00
	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
				Total	\$1,739.00

Prepared By:
 Aaron Mayer- Technical Director

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5. Flying Bridge

The flying bridge is approximately 3' x 36'. I will be constructed from steel. The railings will be constructed from steel and MDF appliques. The bridge flies on linesets 7 and 11. It will land on the towers. The bridge has holes for pan lights be lower through it during first Act, they will cover with ply to be walked on during second Act.

Build

Task	Crew #	Hours	Total
Platform 1 (P1): Clean steel	2	1	2
P1: Cutlist	1	1	1
P1: Drill Holes	1	3	3
P1: Jig/Weld	1	2	2
Platform 2 (P2): Clean steel	2	1	2
P2: Cut steel	1	2	2
P2: Drill Holes	1	3	3
P2: Jig/Weld	1	3	3
P2: Deck with ply	2	2	4
Railings- Clean Steel	2	1	2
Railings- Cutlist	1	4	4
Railings- Drill holes	1	2	2
Railings- Fabricate brackets	1	3	3
Railings- Jig/Weld	1	5	5
Railings- Fabricate Appliques	2	12	24
Railings- Prep Rigging	2	4	8
			0
			0
		Total	70

Load In

Task	Crew #	Hours	Total
Assemble/Rig/Weight/Fly	4	10	40
			0
			0
		Total	40

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Bridge platform frame	3"x1" Box Tube Steel	4	24' Stick	\$37.00	\$148.00
Bridge platform frame	1"x1"x16ga	6	24' Stick	\$17.00	\$102.00
Bridge platform deck	3/4" Plywood BC	5	4x8	\$36.00	\$180.00
Railing	1.5"x1.5"x16ga 24'	15	24' Stick	\$28.00	\$420.00
Railing Applique	3/4" MDF	6	4'1x8'1"	\$24.00	\$144.00

Prepared By:

Aaron Mayer- Technical Director



Brackets	1.5"x1.5"x .0375 Angle Iron	1	20' Stick	\$24.00	\$24.00
	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
				Total	\$1,018.00

Prepared By:
Aaron Mayer- Technical Director

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6. Spot Towers

The spot towers will be constructed from steel and are free standing. They are approximately 20' tall and will have a spot operator at the top. DISCUSS crossbracing, and floor bracing.

Build

Task	Crew #	Hours	Total
Clean Steel	2	1	2
Cutlist	1	3	3
Drill holes	1	2	2
Jig each Side	2	6	12
Weld	1	6	6
Install Platform Lids	1	2	2
Fabricate and install ladder	1	3	3
Assemble units	2	4	8
			0
			0
		Total	38

Load In

Task	Crew #	Hours	Total
Rig/Install	6	4	24
Install Life lines	2	1	2
			0
			0
		Total	26

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Framing	3"x1" Box Tube Steel	2	24' Stick	\$37.00	\$74.00
Framing	2"x2"x16ga. Box Tube	8	24' Stick	\$32.00	\$256.00
Framing	1"x1"x16ga	6	24' Stick	\$17.00	\$102.00
Framing	1-1/2" Schedule 40 Pipe	2	21' Stick	\$42.00	\$84.00
Platform Deck	3/4" MDF	2	4'1x8'1"	\$24.00	\$48.00
Crossbracing	1"x1"x16ga	6	24' Stick	\$17.00	\$102.00
Landing pad for bridge	1.5"x1.5"x .0375 Angle Iron	1	20' Stick	\$24.00	\$24.00
Life line to grid	Vertical Life line	2	25ft	\$50.00	\$100.00
Life line anchor	Lifeline anchor	2	ea	\$40.00	\$80.00
	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
			Total		\$870.00



	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
				Total	\$1,198.50

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8. Up-Center Tracking Wagon

A 5'x7' wagon will be constructed and move in a track, upstage/downstage, using a knife and dog system. The unit will move with a winch, prefer to borrow the winch from Ithaca College.

Build

Task	Crew #	Hours	Total
Fabricate Platform/legs	2	4	8
Caster wagon	2	2	4
Deck wagon with masonite	2	1	2
Fabricate knives/ rigging	1	3	3
			0
			0
Total			17

Load In

Task	Crew #	Hours	Total
Install winch	2	6	12
Troubleshoot	2	2	4
			0
			0
Total			16

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Platform frame	2x4x16	3	ea	\$7.00	\$21.00
Platform deck	3/4" OSB	2	4x8	\$19.00	\$38.00
Platform deck	1/4" MDF	3	4'1x8'1"	\$11.00	\$33.00
Rigging for winch	Rigging Materials	1	ea	\$25.00	\$25.00
Knives	1/8"x 3" Flat Bar	1	20' Stick	\$32.00	\$32.00
Knife brackets	1.5"x1.5"x .125 Angle Iron	0.5	20' Stick	\$15.00	\$7.50
	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
Total					\$156.50

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9. Tracking Door

The tracking door unit is revised to consist of a wagon approximately 3'-0" x 7'-6"; and a 1x4 hollywood style wall containing a door is centered on the wagon. Bracing is provided behind and hidden as much as possible. The door is custom built from 1/2" and 3/4" MDF. The door spins on a center pivot point and is actor operated, a stagehand will be needed to lock the door in place when needed. The whole unit tracks with a knife and dog system rigged to a winch operated offstage left- DISCUSS placement of winch.

Build

Task	Crew #	Hours	Total
Fabricate platform	1	2	2
Add casters to platform	1	1	1
Deck with masonite	1	1	1
Fabricate Walls	1	2	2
Fabricate knives and rigging	1	3	3
Fabricate door shutter	1	4	4
Fabricate door jam	1	2	2
Fabricate jacks	1	2	2
Fabricate pivot mechanism	1	1	1
			0
			0
		Total	18

Load In

Task	Crew #	Hours	Total
Install winch	2	2	4
Install Rigging	2	4	8
Install wagon with knife/dog system	2	1	2
Assemble Wagon- Install walls, door, door jam, jacks	2	1	2
Troubleshoot	2	2	4
			0
			0
		Total	20

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Platform frame	2x4x16	3	ea	\$7.00	\$21.00
Platform deck	3/4" OSB	1	4x8	\$19.00	\$19.00
Platform deck	1/4" MDF	1	4'1x8'1"	\$11.00	\$11.00
Wall Framing	1x4x16	3	ea	\$9.00	\$27.00
Wall Skin	1/4" MDF	2	4'1x8'1"	\$11.00	\$22.00
Door Shutter	1/2" MDF	1	4'1x8'1"	\$18.00	\$18.00
Door Shutter	3/4" MDF	1	4'1x8'1"	\$24.00	\$24.00
Door Jam	2"x1" Box Tube Steel	1	24' Stick	\$20.00	\$20.00

Prepared By:

Aaron Mayer- Technical Director



Door Jam	3/4" Plywood CDX	0	4x8	\$22.00	\$0.00
Door Lock Set	3/4" Plywood CDX	1	4x8	\$22.00	\$22.00
Bracing	1"x1"x16ga	1	24' Stick	\$17.00	\$17.00
Pivot Hardware	Misc. Hardware	1	ea	\$25.00	\$25.00
Trim	Ornate Molding- Shape TBD	32	lnft	\$1.00	\$32.00
Rigging for winch	Rigging Materials	1	ea	\$25.00	\$25.00
Knives	1/8"x 3" Flat Bar	1	20' Stick	\$32.00	\$32.00
Knife brackets	1.5"x1.5"x .125 Angle Iron	0.5	20' Stick	\$15.00	\$7.50
Door Knob	Glass door knob	1	ea	\$10.00	\$10.00
Door Latch	Door latch	1	ea	\$6.00	\$6.00
door knob plate	Door knob plate	2	ea	\$37.00	\$74.00
	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
				Total	\$412.50

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10. Staircases

The rolling stair case will be constructed from a steel structure with 3/4" MDF treads and landing deck. The unit lives stage left and only rolls on and offstage; it will be complete with handrails and locking straight casters. A fabricated landing platform and stock staircase will be installed to act as egress from the stage left spot tower. The platform is 3'x8' and is steel framed. The case is stock and not seen by the audience. Finally, a ships ladder will be permanently installed to access the stage right spot tower second level.

Build

Task	Crew #	Hours	Total
Rolling Stair (RS): Clean steel	1	1	1
RS: cutlist	1	2	2
RS: Drill holes	1	3	3
RS: Weld brackets	1	1	1
RS: Cut and attach treads	2	1	2
RS: Cut/Jig/Weld handrails	1	6	6
RS: Platform Clean and cut steel	1	1.5	1.5
RS: Platform Weld	1	0.5	0.5
RS: Platform Deck with plywood	1	1	1
RS: Cut and drill legs	1	2	2
RS: Cut and drill cross bracing	1	2	2
RS: Cut and drill caster plates	1	3	3
RS: Assemble Unit	3	2	6
Spot Tower Egress (STE): Clean Steel	1	1	1
STE: Cut Steel	1	2	2
STE: Drill holes	1	2	2
STE: Jig/Weld platform	1	1	1
STE: Jig/Weld legs	1	3	3
STE: Deck Platform	1	1	1
STE: Fabricate Railings	1	2	2
Ships Ladder (SL): Cutlist	1	2	2
SL: Assemble	1	2	2
			0
		Total	47

Load In

Task	Crew #	Hours	Total
Install Rolling Stairs- Roll onstage	2	0.5	1
Install STE	4	3	12
Install Ships Ladder	1	2	2
		Total	15



Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Rolling Stair (RS): Carriage	1"x1"x16ga	2	24' Stick	\$17.00	\$34.00
RS: Treads	1.5"x1.5"x .125 Angle Iron	1	20' Stick	\$15.00	\$15.00
RS: Treads	3/4" MDF	1.5	4'1x8'1"	\$24.00	\$36.00
RS: Railings	1"x1"x16ga	2	24' Stick	\$17.00	\$34.00
RS: Legs	2"x2"x16ga. Box Tube	2	24' Stick	\$32.00	\$64.00
RS: Stretchers	2"x2"x16ga. Box Tube	2	24' Stick	\$32.00	\$64.00
RS: Crossbracing	1"x1"x16ga	2	24' Stick	\$17.00	\$34.00
RS: Landing platform frame	2"x2"x16ga. Box Tube	1	24' Stick	\$32.00	\$32.00
RS: Landing platform deck	3/4" MDF	0.5	4'1x8'1"	\$24.00	\$12.00
RS: Chain	1/4" Proof Coil Chain	9	ft	\$3.00	\$27.00
RS: Casters	---	6	--	\$0.00	\$0.00
RS: Caster plates	1/4"x 4" Plate Steel	1	24' Stick	\$43.00	\$43.00
Spot tower Egress (STE): Platform Frame	2"x2"x16ga. Box Tube	2	24' Stick	\$32.00	\$64.00
STE: Platform Deck	3/4" Plywood CDX	1	4x8	\$22.00	\$22.00
STE: Legs	2"x2"x16ga. Box Tube	3	24' Stick	\$32.00	\$96.00
STE: Feet	2x2x.125 Angle Iron	0.5	20' Stick	\$18.00	\$9.00
STE: Brackets	2x2x.125 Angle Iron	0.5	20' Stick	\$18.00	\$9.00
STE: Railing	1"x1"x16ga	15	24' Stick	\$17.00	\$255.00
STE: Railing	1"x1"x .125 Angle Iron	1	20' Stick	\$0.00	\$0.00
STE: Stairs	---	1	--	\$0.00	\$0.00
Ships Ladder Carriage	1x6x16	2	ea	\$14.00	\$28.00
Ships Ladder Carriage	3/4" Plywood CDX	1	4x8	\$22.00	\$22.00
Ships ladder treads	3/4" Plywood CDX	2	4x8	\$22.00	\$44.00
	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
			Total		\$944.00

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11. Flying Signs/Banners

The flying signs and banners consist of the US and DS propoganda signs, Buenos Aires sign- with lights, movie screen, Eva portrait, and Pan lights. Discuss printing for propoganda signs. See drawings for details.

Build

Task	Crew #	Hours	Total
US Propaganda (USP): Cut Fabric	1	0.5	0.5
USP: Prep rigging	1	1	1
DS Propaganda (DSP): Cut fabric	1	0.5	0.5
DSP: Prep rigging	1	1	1
Pan lights	0	0	0
Buenos Aires Sign (BAS): Fabricate letters and drill holes for sockets	2	2	4
BAS: Wrap letters with maso	2	4	8
BAS: Clean/cut/drill steel runners	1	2	2
BAS: Prep rigging	1	1	1
BAS: LX does wiring	0	0	0
Movie Screen: Clean/Cut/Drill steel	1	3	3
Movie Screen: Weld frame	1	1	1
Movie Screem: Prep rigging	1	1	1
Movie Screem: Install screen	4	1	4
Eva Portrait (EVA): Fabricate flat	2	2	4
EVA: Prep rigging	1	1	1
			0
			0
		Total	32

Load In

Task	Crew #	Hours	Total
USP: Rig/Weight	3	0.5	1.5
DSP: Rig/Weight	3	0.5	1.5
Pan Lights	3	0.5	1.5
BAS: Rig/Weight	3	0.5	1.5
Movie Screen: Rig/Weight	3	0.5	1.5
EVA: Rig/Weight	3	0.5	1.5
			0
			0
		Total	9



Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
US Propaganda (USP): Fabric	108" Bleached White Muslin	1	yd	\$12.00	\$12.00
USP: Batten	1x4x16	1	ea	\$9.00	\$9.00
USP Rigging	Rigging Materials	1	ea	\$25.00	\$25.00
DS Propaganda (DSP): Fabric	108" Bleached White Muslin	1	yd	\$12.00	\$12.00
DSP: Batten	.5" Schedule 4 Pipe	1	21' Stick	\$25.00	\$25.00
DSP: Rigging	Rigging Materials	1	ea	\$25.00	\$25.00
Pan Lights	Stock		--	\$0.00	\$0.00
Beunos Aires Sign (BAS): Runners	1"x1"x16ga	2	24' Stick	\$17.00	\$34.00
BAS: Letters	1/2" MDF Ultralight	1	4'1x8'1"	\$26.00	\$26.00
BAS: Letter lining	1/4" MDF	2	4'1x8'1"	\$11.00	\$22.00
BAS: Rigging	Rigging Materials	1	ea	\$25.00	\$25.00
BAS: Light bulbs	S14 Bulbs	130	ea	\$1.00	\$130.00
BAS: Sockets	Medium socket bases	130	ea	\$3.00	\$390.00
BAS: Tek Screws for letter	1-7/16" Tek Screws	2	100pk	\$8.00	\$16.00
Movie Screen Frame	2"x2"x16ga. Box Tube	2	24' Stick	\$32.00	\$64.00
Movie Screen RP	Stock		--	\$0.00	\$0.00
Moving Screen Spray adhesive	Spray Adhesive	2	ea	\$10.00	\$20.00
Movie Screen rigging	Rigging Materials	1	ea	\$25.00	\$25.00
EVA Portrait (EVA): Frame	1x4x16	4	ea	\$9.00	\$36.00
EVA: Skin	Luan	3	4x8	\$13.00	\$39.00
EVA: Rigging	Rigging Materials	1	ea	\$25.00	\$25.00
EVA: Portrait cover??	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
				Total	\$960.00

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12. Soft Goods

The following soft goods will be hung, time is budgeted for removing the house main curtain. 2 scrim- one tripped, 6 sets of legs, and 4 borders.

Build

Task	Crew #	Hours	Total
NONE	0	0	0
			0
			0
			0
			0
		Total	0

Load In

Task	Crew #	Hours	Total
Remove house main curtain	6	1	6
Hang soft goods	6	3	18
Rig Tripping lines for Upstage Scrim/Troublshoot	1	3	3
			0
			0
			0
		Total	27

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Stock	Stock	0	--	\$0.00	\$0.00
Scrim bottom pipe	.5" Schedule 4 Pipe	3	21' Stick	\$25.00	\$75.00
Trip lines	Black Kevlar String	2	100ft	\$16.00	\$32.00
Trip accessories	Misc. Hardware	1	ea	\$25.00	\$25.00
	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
				Total	\$132.00

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13. Props

The following elements will be built by props, no money or time is budgeted for these units: Coffin, Pedestal, Bar, bridge buntin, and microphone stand.

Build

Task	Crew #	Hours	Total
Props	0	0	0
			0
		Total	0

Load In

Task	Crew #	Hours	Total
Props	0	0	0
			0
		Total	0

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
			Total	\$0.00	\$0.00