

Conceptual Estimate				
UCF Performing Arts Center - Baker Barrios Architecture				
3/25/2021 - Draft Estimate				
Prepared by CPPI				
Description	Qty	Units	Unit Price	Total
Sitework				
Sitework	4	AC	\$ 200,000	\$ 800,000
Road Infrastructure Work (grand entry and drop-off roadways)	1	LS	\$ 1,500,000	\$ 1,500,000
Subtotal				\$ 2,300,000
Markups (Permit, Insurances, Fee, 15% Contingency, Escalation)	28%			\$ 644,000
TOTAL, Sitework	4	AC	\$ 736,000	\$ 2,944,000
Performance Space - 42420 SF				
Spread Foundation	-	EA	\$ -	\$ -
Continuous Foundation 4-0 wide by 2-0 thick	304	CY	\$ 1,000.00	\$ 304,000
6" Slab on Grade	42,420	SF	\$ 6.50	\$ 275,730
Tilt-Up Panel 9.25" to 52 feet	33,029	SF	\$ 22.00	\$ 653,974
Tilt-Up Panel 9.25" to 25 feet	2,837	SF	\$ 22.00	\$ 43,690
Tilt-Up Panel 9.25" to 77 feet	29,457	SF	\$ 26.00	\$ 673,976
Orchestra Pit Walls - 20 feet deep	2,020	SF	\$ 30.00	\$ 60,600
Stage Pit Foundation Walls - 7 feet deep	2,331	SF	\$ 25.00	\$ 58,275
Orchestra Pit Elevator Shaft - 25 feet deep	1,500	SF	\$ 35.00	\$ 52,500
Orchestra Pit Tunnel - all sides	1,798	SF	\$ 40.00	\$ 71,920
Balcony Elevator Shafts - CMU	4,674	SF	\$ 15.00	\$ 70,110
Balcony Elevator Pits	4	EA	\$ 15,000	\$ 60,000
Roof Structure	42,420	SF	\$ 35.00	\$ 1,484,700
Catwalks	1,200	LF	\$ 1,500.00	\$ 1,800,000
Balcony Structure (Steel & Concrete)	2,800	SF	\$ 75.00	\$ 210,000
Roof Slab (normal weight concrete)	42,420	SF	\$ 10.00	\$ 424,200
Acoustical Sealant / Treatment of Tilt-Up Panels	65,323	SF	\$ 3.00	\$ 195,969
Caulk Tilt-ups	9,048	LF	\$ 2.75	\$ 24,882
Waterproofing at subgrade structures	7,649	SF	\$ 5.00	\$ 38,245
Roofing System	42,420	SF	\$ 13.00	\$ 551,460

Doors - Acoustical Hollow Metal - Pairs	22	EA	\$ 4,000	\$ 88,000
Doors - Acoustical Hollow Metal - Single - at catwalk level	24	EA	\$ 3,000	\$ 72,000
Doors - Sound Insulated Overhead Rollup Doors	10	EA	\$ 40,000	\$ 400,000
Drywall - Walls above Partitions	6,800	SF	\$ 13.00	\$ 88,400
Drywall - Other Areas	10,000	SF	\$ 13.00	\$ 130,000
Structural Provisions for IT Infrastructure Feed-Ins	1	LS	\$ 300,000	\$ 150,000
Paint Exterior of Tilt-Ups - Texcoat	65,323	SF	\$ 2.50	\$ 163,308
Paint Interior of Tilt-Ups - black	65,323	SF	\$ 1.50	\$ 97,985
Paint Interior Roof Structure & Utilities	45,422	SF	\$ 2.00	\$ 90,844
Fixed Seating on Balcony (1 seat per 6 SF average)	150	EA	\$ 450.00	\$ 67,500
Acoustical Panels	39,194	SF	\$ 40.00	\$ 1,567,752
Foldable Partitions - Acoustially Treated, with doors	33,881	SF	\$ 30.00	\$ 1,016,430
Elevators (Balcony, Orchestra Pit, 2 stops each)	5	EA	\$ 75,000	\$ 225,000
Fire Protection	42,420	SF	\$ 3.50	\$ 148,470
Plumbing	42,420	SF	\$ 12.00	\$ 509,040
Mechanical	42,420	SF	\$ 48.00	\$ 2,036,160
Electrical	42,420	SF	\$ 60.00	\$ 2,121,000
Subtotal				\$ 16,026,119
Markups (Permit, Insurances, Fee, 15% Contingency, Escalation)	28%			\$ 4,487,313.36
TOTAL, Performance Area	42,420		\$ 483.58	\$ 20,513,433
Theatre / Stage Specialty Items				
Hydraulic Procenium Stage	1	EA	\$ 1,000,000	\$ 1,000,000
Hydraulic Orchestra Pit	1	EA	\$ 500,000	\$ 500,000
Theatrical Lighting Package	1	EA	\$ 300,000	\$ 300,000
Seating Carts	18	EA	\$ 450,000	\$ 2,100,000
Concert Acoustical Backing Screen	4,000	SF	\$ 30.00	\$ 120,000
Subtotal				\$ 4,020,000
Markups (Permit, Insurances, Fee, 15% Contingency, Escalation)	28%			\$ 1,125,600
TOTAL, Theatre / Stage Specialty Items				\$ 5,145,600
				\$ -
Public Spaces & Entrances - 18,311 SF				\$ -

Pattereded Concrete	18,311	SF	\$ 25.00	\$ 366,220
F2.0 Continuous Foundation	44	CY	\$ 1,000.00	\$ 44,000
4" Slab on Grade	18,311	SF	\$ 5.50	\$ 100,711
Cast In Place Walls - to avg 18 feet high	763	CY	\$ 2,250	\$ 1,400,000
Masonry at Restrooms / Admin Space	10,000	SF	\$ 15.00	\$ 150,000
Flying Canopy Area	7,500	SF	\$ 200.00	\$ 500,000
Roof Structure (other than flying canopy)	18,311	SF	\$ 100.00	\$ 1,800,000
Stainless Steel Bollards	25	EA	\$ 1,500	\$ 37,500
Grand Staircases	2	EA	\$ 150,000	\$ 225,000
Roofing System	18,311	SF	\$ 13.00	\$ 238,043
Hollow Metal Doors	50	EA	\$ 1,500.00	\$ 75,000
Glass (average 22 feet high) Above CIP Walls, with structural space frame	13,842	SF	\$ 200.00	\$ 1,384,240
Glass (average 40 feet high) Full Height with strucutral space frame	22,000	SF	\$ 200.00	\$ 2,200,000
Glass - Misc Curtainwall at rear side	5,000	SF	\$ 150.00	\$ 750,000
Drywall Partitions & Accents	10,000	SF	\$ 15.00	\$ 150,000
Special Wall Finishes - Interior	5,000	SF	\$ 25.00	\$ 125,000
Floor and Wall Tile in Restrooms	15,000	SF	\$ 14.00	\$ 210,000
Carpet	2,035	SY	\$ 32.00	\$ 65,106
Ceiling System - Metal High End	18,311	SF	\$ 40.00	\$ 549,330
Ceilings Clouds	1,831	SF	\$ 75.00	\$ 137,333
Living Wall @ one stairway	2,300	SF	\$ 50.00	\$ 115,000
Misc Specailties	18,311	SF	\$ 3.00	\$ 54,933
Fire Protection	18,311	SF	\$ 3.50	\$ 64,089
Plumbing	18,311	SF	\$ 15.00	\$ 274,665
Mechanical	18,311	SF	\$ 48.00	\$ 878,928
Electrical	18,311	SF	\$ 50.00	\$ 915,550
Landscaping and Site Furnishings	1	LS	\$ 250,000	\$ 250,000
Landscape & Hardscape - Entry Drive	1	LS	\$ 250,000	\$ 250,000
Subtotal				\$ 13,310,646
Markups (Permit, Insurances, Fee, 15% Contingency, Escalation)	28%			\$ 3,726,980.96
TOTAL, Public Spaces and Entries	18,311	SF	\$ 930.46	\$ 17,037,627
Backstage Area - 30,644 SF (includes Building Services)				
Spread Foundation	-	EA	\$ -	\$ -

F2.0 Continuous Foundation	23	CY	\$	1,000.00	\$	23,000
6" Slab on Grade	30,644	SF	\$	6.50	\$	199,186
Tilt-Up Panel 9.25" to 40 feet	35,469	SF	\$	22.00	\$	780,318
Roof Structure	30,644	SF	\$	25.00	\$	766,100
Mezzanine Structure	30,644	SF	\$	15.00	\$	459,660
Mezzanine Slab (normal weight concrete)	30,644	SF	\$	10.00	\$	306,440
Acoustical Sealant / Treatment of Tilt-Up Panels	35,469	SF	\$	3.00	\$	106,407
Caulk Tilt-ups	4,736	LF	\$	2.75	\$	13,024
Roofing System	30,644	SF	\$	13.00	\$	398,372
Doors - Acoustical Hollow Metal - Pairs	8	EA	\$	4,000	\$	32,000
Drywall - Other Areas	15,000	SF	\$	13.00	\$	195,000
Paint Exterior of Tilt-Ups - Texcoat	35,469	SF	\$	2.50	\$	88,673
Paint Interior of Tilt-Ups		SF	\$	1.50	\$	-
Fire Protection	30,644	SF	\$	3.50	\$	107,254
Plumbing	30,644	SF	\$	7.00	\$	214,508
Mechanical	30,644	SF	\$	40.00	\$	1,225,760
Electrical	30,644	SF	\$	35.00	\$	1,072,540
Subtotal					\$	5,988,242
Markups (Permit, Insurances, Fee, 15% Contingency, Escalation)	28%				\$	1,676,707.62
TOTAL, Backstage Area	30,644	SF	\$	250.13	\$	7,664,949
Production Support - 31,425						
Spread Foundation	-	EA	\$	-	\$	-
F2.0 Continuous Foundation	145	CY	\$	1,000.00	\$	145,000
6" Slab on Grade	31,425	SF	\$	6.50	\$	204,263
Tilt-Up Panel 9.25" to 40 feet	67,140	SF	\$	22.00	\$	1,477,080
Roof Structure	31,425	SF	\$	25.00	\$	785,625
Mezzanine Structure	31,425	SF	\$	15.00	\$	471,375
Mezzanine Slab (normal weight concrete)	31,425	SF	\$	10.00	\$	314,250
Acoustical Sealant / Treatment of Tilt-Up Panels	67,140	SF	\$	3.00	\$	201,420
Caulk Tilt-ups	10,453	LF	\$	2.75	\$	28,747
Roofing System	31,425	SF	\$	13.00	\$	408,525
Doors - Acoustical Hollow Metal - Pairs	10	EA	\$	4,000	\$	40,000
Drywall - Other Areas	30,000	SF	\$	13.00	\$	390,000

Paint Exterior of Tilt-Ups - Texcoat	67,140	SF	\$ 2.50	\$ 167,850
Paint Interior of Tilt-Ups	67,140	SF	\$ 1.50	\$ 100,710
Fire Protection	31,425	SF	\$ 3.50	\$ 109,988
Plumbing	31,425	SF	\$ 8.00	\$ 251,400
Mechanical	31,425	SF	\$ 46.00	\$ 1,445,550
Electrical	31,425	SF	\$ 42.00	\$ 1,319,850
Subtotal				\$ 7,861,632
Markups (Permit, Insurances, Fee, 15% Contingency, Escalation)	28%			\$ 2,201,256.87
TOTAL, Production Support Area	31,425	SF	\$ 320.22	\$ 10,062,889
Staffing & General Conditions	18	MO	\$ 66,000	\$ 1,188,000
GRAND TOTAL, All Observable Spaces (Including Equipment)	122,800		\$ 525.70	\$ 64,556,497