

ST. PETERSBURG CITY COUNCIL

Meeting of November 14, 2019

Consent Agenda

TO: The Honorable Charles Gerdes, Chair, and Members of City Council

SUBJECT: A resolution accepting a Guaranteed Maximum Price (“GMP”) proposal in the amount of \$4,123,379 from Hennessy Construction Services Corp. (“Hennessy”) for construction phase services of the Mahaffey Theater Exterior Wall Repair Project; authorizing the Mayor or his designee to execute the First Amendment to the Construction Manager at Risk Agreement with a GMP between the City of St. Petersburg, Florida, and Hennessy dated August 17, 2018, to incorporate the GMP proposal into the Agreement, and modify other necessary provisions; authorizing the City Attorney’s office to make non-substantive changes to the First Amendment; rescinding unencumbered appropriations in the Recreation and Culture Capital Improvement Fund (3029) in the amounts of \$5,092 from the Mahaffey Theater FY16 Project (15112), \$463,278 from the Mahaffey Theater FY18 Project (16163), \$500,000 from the Mahaffey Theater FY19 Project (16736), and \$400,000 from the Mahaffey Theater FY20 Project (17238); approving a supplemental appropriation in the amount of \$1,368,370 from the increase in the unappropriated balance of the Recreation and Culture Capital Improvement Fund (3029), resulting from the above rescissions, to the Mahaffey Theater Exterior Wall Project (15605); rescinding an unencumbered appropriation in the Citywide Infrastructure CIP Fund (3027) in the amount of \$2,129,537 from the Street & Road Improvements FY19 Project (16741); approving a transfer from the unappropriated balance of the Citywide Infrastructure CIP Fund (3027) in the amount of \$2,129,537 to the Recreation and Culture Capital Improvement Fund (3029); approving a supplemental appropriation in the amount of \$2,129,537 from the increase in the unappropriated balance of the Recreation and Culture Capital Improvement Fund (3029), resulting from the above transfer to the Mahaffey Theater Exterior Wall Project (15605) (Engineering & CID Project No. 17201-019; Oracle Project No. 15605); and providing an effective date.

EXPLANATION: On July 12, 2018, City Council approved a Construction Manager at Risk Agreement with a Guaranteed Maximum Price (“CMAR Agreement”) with Hennessy for preconstruction and construction phase services for the Mahaffey Theater Wall Repair Project. Preconstruction Phase services were authorized in an amount not to exceed \$39,218. Preconstruction Phase services completed to date include cost estimating services through 100% completion of Construction Documents, constructability reviews, value engineering services during development of design documents, project scheduling and coordination of logistics with the Mahaffey Theater schedule of events.

The GMP Proposal is based on the contract drawings and project specifications as prepared by C. B. Goldsmith & Associates, Inc.; and includes selective demolition of the defective exterior stucco wall panels around the perimeter of the theater, installation of a new exterior insulation and stucco finish system where the existing stucco wall panels were removed, replacement of the tower roof over the stage including replacement of roof smoke vent hatches, sealing, waterproofing and painting of the exterior facility walls, replacing the facility lightning protection system, and refurbishing or replacing exterior up-lights illuminating the exterior theater walls. Construction activities will be coordinated with ongoing Mahaffey Theater programming and events.

The GMP Proposal is as follows:

Subcontractor Cost of the Work	\$ 3,480,743
Bonds and Insurance	\$ 68,339
Construction Manager’s Contingency	\$ 94,449

Construction Manager's Fee	\$ 279,848
Subtotal Partial GMP Proposal for Marine Structural	\$ 3,923,379
Owner's Contingency for Unforeseen Conditions	\$ 200,000
Total Partial GMP Proposal for Work	\$ 4,123,379

Upon execution of the First Amendment to incorporate the GMP for the Mahaffey Theater Exterior Wall Repairs into the GMP Agreement, it is anticipated that Hennessy will mobilize on site by early January 2020, with the intent to commence work shortly thereafter. The duration for the work is eight (8) months.

Recommendation: Administration recommends City Council approve the attached resolution accepting a Guaranteed Maximum Price ("GMP") proposal in the amount of \$4,123,379 from Hennessy Construction Services Corp. ("Hennessy") for construction phase services of the Mahaffey Theater Exterior Wall Repair Project; authorizing the Mayor or his designee to execute the First Amendment to the Construction Manager at Risk Agreement with a GMP between the City of St. Petersburg, Florida, and Hennessy dated August 17, 2018, to incorporate the GMP proposal into the Agreement, and modify other necessary provisions; authorizing the City Attorney's office to make non-substantive changes to the First Amendment; rescinding unencumbered appropriations in the Recreation and Culture Capital Improvement Fund (3029) in the amounts of \$5,092 from the Mahaffey Theater FY16 Project (15112), \$463,278 from the Mahaffey Theater FY18 Project (16163), \$500,000 from the Mahaffey Theater FY19 Project (16736), and \$400,000 from the Mahaffey Theater FY20 Project (17238); approving a supplemental appropriation in the amount of \$1,368,370 from the increase in the unappropriated balance of the Recreation and Culture Capital Improvement Fund (3029), resulting from the above rescissions, to the Mahaffey Theater Exterior Wall Project (15605); rescinding an unencumbered appropriation in the Citywide Infrastructure CIP Fund (3027) in the amount of \$2,129,537 from the Street & Road Improvements FY19 Project (16741); approving a transfer from the unappropriated balance of the Citywide Infrastructure CIP Fund (3027) in the amount of \$2,129,537 to the Recreation and Culture Capital Improvement Fund (3029); approving a supplemental appropriation in the amount of \$2,129,537 from the increase in the unappropriated balance of the Recreation and Culture Capital Improvement Fund (3029), resulting from the above transfer to the Mahaffey Theater Exterior Wall Project (15605) (Engineering & CID Project No. 17201-019; Oracle Project No. 15605); and providing an effective date.

COST/FUNDING/ASSESSMENT INFORMATION: A portion of the funding has been previously appropriated in the General Capital Improvement Fund (3001) and Recreation and Culture Capital Improvement Fund (3029), Mahaffey Theater Exterior Wall Project (15605). Additional funding will be available following rescissions of unencumbered appropriations in the Recreation and Culture Capital Improvement Fund (3029) in the amounts of \$5,092 from the Mahaffey Theater FY16 Project (15112), \$463,278 from the Mahaffey Theater FY18 Project (16163), \$500,000 from the Mahaffey Theater FY19 Project (16736), and \$400,000 from the Mahaffey Theater FY20 Project (17238); approving a supplemental appropriation in the amount of \$1,368,370 from the increase in the unappropriated balance of the Recreation and Culture Capital Improvement Fund (3029), resulting from the above rescissions, to the Mahaffey Theater Exterior Wall Project (15605); rescinding an unencumbered appropriation in the Citywide Infrastructure CIP Fund (3027) in the amount of \$2,129,537 from the Street & Road Improvements FY19 Project (16741); approving a transfer from the unappropriated balance of the Citywide Infrastructure CIP Fund (3027) in the amount of \$2,129,537 to the Recreation and Culture Capital Improvement Fund (3029); approving a supplemental appropriation in the amount of \$2,129,537 from the increase in the unappropriated balance of the Recreation and Culture Capital Improvement Fund (3029), resulting from the above transfer, to the Mahaffey Theater Exterior Wall Project (15605).


Mahaffey Theater Exterior Wall Repairs - GMP Amendment
November 14, 2019
Page 3

ATTACHMENTS: Resolution
GMP Proposal

APPROVALS:

rq


Administrative


Budget

RESOLUTION NO. 2019-_____

A RESOLUTION ACCEPTING A GUARANTEED MAXIMUM PRICE ("GMP") PROPOSAL IN THE AMOUNT OF \$4,123,379 FROM HENNESSY CONSTRUCTION SERVICES CORP. ("HENNESSY") FOR CONSTRUCTION PHASE SERVICES OF THE MAHAFFEY THEATER EXTERIOR WALL REPAIR PROJECT; AUTHORIZING THE MAYOR OR HIS DESIGNEE TO EXECUTE THE FIRST AMENDMENT TO THE CONSTRUCTION MANAGER AT RISK AGREEMENT WITH A GMP BETWEEN THE CITY OF ST. PETERSBURG, FLORIDA, AND HENNESSY DATED AUGUST 17, 2018, TO INCORPORATE THE GMP PROPOSAL INTO THE AGREEMENT AND MODIFY OTHER NECESSARY PROVISIONS; AUTHORIZING THE CITY ATTORNEY'S OFFICE TO MAKE NON-SUBSTANTIVE CHANGES TO THE FIRST AMENDMENT; RESCINDING UNENCUMBERED APPROPRIATIONS IN THE RECREATION AND CULTURE CAPITAL IMPROVEMENT FUND (3029) IN THE AMOUNTS OF \$5,092 FROM THE MAHAFFEY THEATER FY16 PROJECT (15112), \$463,278 FROM THE MAHAFFEY THEATER FY18 PROJECT (16163), \$500,000 FROM THE MAHAFFEY THEATER FY19 PROJECT (16736), AND \$400,000 FROM THE MAHAFFEY THEATER FY20 PROJECT (17238); APPROVING A SUPPLEMENTAL APPROPRIATION IN THE AMOUNT OF \$1,368,370 FROM THE INCREASE IN THE UNAPPROPRIATED BALANCE OF THE RECREATION AND CULTURE CAPITAL IMPROVEMENT FUND (3029), RESULTING FROM THE ABOVE RESCISSIONS, TO THE MAHAFFEY THEATER EXTERIOR WALL PROJECT (15605); RESCINDING AN UNENCUMBERED APPROPRIATION IN THE CITYWIDE INFRASTRUCTURE CIP FUND (3027) IN THE AMOUNT OF \$2,129,537 FROM THE STREET & ROAD IMPROVEMENTS FY19 PROJECT (16741); APPROVING A TRANSFER FROM THE UNAPPROPRIATED BALANCE OF THE CITYWIDE INFRASTRUCTURE CIP FUND (3027) IN THE AMOUNT OF \$2,129,537 TO THE RECREATION AND CULTURE CAPITAL IMPROVEMENT FUND (3029); APPROVING A SUPPLEMENTAL APPROPRIATION IN THE AMOUNT OF \$2,129,537 FROM THE INCREASE IN THE UNAPPROPRIATED BALANCE OF THE RECREATION AND CULTURE CAPITAL IMPROVEMENT FUND (3029), RESULTING FROM THE ABOVE TRANSFER, TO THE MAHAFFEY THEATER EXTERIOR WALL PROJECT (15605) (ENGINEERING & CID PROJECT NO. 17201-019; ORACLE PROJECT NO. 15605); AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of St. Petersburg, Florida ("City") and Hennessy Construction Services Corp. ("Hennessy") entered into a Construction Manager at Risk Agreement with a Guaranteed Maximum Price ("GMP") on August 17, 2018 for Hennessy to provide preconstruction and construction phase services for the Mahaffey Theater Exterior Wall Project; and

WHEREAS, following execution of the Contract, the City authorized Hennessy to provide preconstruction phase services in an amount not to exceed \$39,218; and

WHEREAS, in accordance with the requirements set forth in the Agreement, Hennessy has submitted a GMP Proposal for the construction phase services for the Mahaffey Theater Exterior Wall Project to the City for review and acceptance; and

WHEREAS, the City and Hennessy desires to executed the First Amendment to the agreement to incorporate the GMP Proposal for the construction phase services for the Mahaffey Theater Exterior Wall Project

and modify other necessary certain provisions; and

WHEREAS, various recessions, supplemental appropriations and a transfer (as described herein) are needed to provide funding for the GMP Proposal.

NOW THEREFORE, BE IT RESOLVED by the City Council of the City of St. Petersburg, Florida, that the Guaranteed Maximum Price ("GMP") proposal in the amount of \$4,123,379 from Hennessy Construction Services Corp. ("Hennessy") for construction phase services of the Mahaffey Theater Exterior Wall Repair Project is hereby accepted.

BE IT FURTHER RESOLVED that the Mayor or his designee is authorized to execute the First Amendment to the Construction Manager at Risk Agreement with a GMP between the City of St. Petersburg, Florida, and Hennessy dated August 17, 2018, to incorporate the GMP proposal into the agreement and modify other necessary provisions.

BE IT FURTHER RESOLVED that the City Attorney's Office is authorized to make non-substantive changes to the First Amendment.

BE IT FURTHER RESOLVED that unencumbered appropriations in the Recreation and Culture Capital Improvement Fund (3029) in the amounts of \$5,092 from the Mahaffey Theater FY16 Project (15112), \$463,278 from the Mahaffey Theater FY18 Project (16163), \$500,000 from the Mahaffey Theater FY19 Project (16736), and \$400,000 from the Mahaffey Theater FY20 Project (17238) are hereby rescinded.

BE IT FURTHER RESOLVED that there is hereby approved from the increase in the unappropriated balance of the Recreation and Culture Capital Improvement Fund (3029), resulting from the above rescissions, the following supplemental appropriation for FY20:

Recreation and Culture Capital Improvement Fund (3029)

Mahaffey Theater Exterior Wall Project (15605) \$1,368,370

BE IT FURTHER RESOLVED that an unencumbered appropriation in the Citywide Infrastructure CIP Fund (3027) in the amount of \$2,129,537 from the Street & Road Improvements FY19 Project (16741) is hereby rescinded.

BE IT FURTHER RESOLVED that there is hereby approved the following transfer for FY20:

Citywide Infrastructure CIP Fund (3027)

Transfer to: Recreation and Culture Capital Improvement Fund (3029) \$2,129,537

BE IT FURTHER RESOLVED that there is hereby approved from the increase in the unappropriated balance of the Recreation and Culture Capital Improvement Fund (3029), resulting from the above transfer the following supplemental appropriation for FY20:

Recreation and Culture Capital Improvement Fund (3029)

Mahaffey Theater Exterior Wall Project (15605) \$2,129,537

This resolution shall become effective immediately upon its adoption.

Approved by:



City Attorney (Designee)

Approved by:



Brejesh Prayman, P.E., ENV SP
Engineering and Capital Improvements Director

Approved by:



Budget 00478505



Guaranteed Maximum Price Proposal for
Mahaffey Theater Envelope Repairs
Revised October 30, 2019

Table of Contents

- Tab 1: Cost Proposal
- Tab 2: Cost Estimate
- Tab 3: Bid Matrices
- Tab 4: Qualifications
- Tab 5: Documents List
- Tab 6: Schedule

Tab 1

Cost Proposal



October 30, 2019

Mr. Patrick Green
City of St. Petersburg
One 4th Street, North
St. Petersburg, Florida 33701

Re: Proposal for GMP for Mahaffey Theater Envelope Repairs Project (Revised)

Hennessy Construction Services is pleased to provide this Guaranteed Maximum Price proposal for the Mahaffey Theater Envelope Repairs project, located in St. Petersburg, Florida. Our proposal for this Work is: Four Million One Hundred Twenty-Three Thousand Three Hundred Seventy-Nine Dollars, (\$4,123,379.00).

This revised proposal includes the accepted alternates and the cost for the Builders Risk, per the following breakdown;

Base Bid	3,872,400.00
Hennessy Warranty add	35,200.00
Service Painting Warranty	3,410.00
Builders Risk Insurance	12,369.00
Owners Contingency	200,000.00
 Total Revised Contract	 4,123,379.00

We appreciate the opportunity to provide this GMP proposal and are available at your convenience to review the estimate. If you have any questions or require any additional information, please do not hesitate to contact us.

Sincerely,

Mark Stalker
President

Tab 2

Cost Estimate

19011 Mahaffey Envelope GMP For Review Approval 8-20-19
With Revised Roofing Bid

Project name	19011 Mahaffey GMP
Estlmator	RF
Labor rate table	2016 GMP Labor
Equipment rate table	TAMPA BAY
Duration	
Bid date	8/20/20192:00 PM
Notes	5 & 6 Year warranty add alternates 1. Hennessy = \$35,200 2. Quality Roofing = Included 3. Service Painting = \$3,410 4. KHS&S = Included on EIFS... Excluded on framed stucco systems. 6. J&K Electric = \$27,035
Report format	Sorted by 'Group phase/Phase' 'Detail' summary

Spreadsheet Level	Takeoff Quantity	Labor Productivity	Labor Amount	Material Cost/Unit	Material Amount	Sub Cost/Unit	Sub Amount	Equip Cost/Unit	Equip Amount	Total Amount
1000 GENERAL CONDITIONS										
1050 Misc. General Conditions										
Consultant- Williams & Associates	1.00 lsum					21,000.00 /lsum	21,000	-	-	21,000
Misc. General Conditions				/lsum		/lsum	21,000	/lsum		21,000
1100 Project Managment										
Project Manager - Joel Leonard Pre & Post	3.00 week	40.000 mh/week	11,053	24.00 /week	72	66.00 /week	198	138.80 /week	416	11,740
Project Manager - Joel Leonard	33.60 week	16.000 mh/week	49,519	9.60 /week	323	26.40 /week	887	55.52 /week	1,865	52,594
Project Engineer - Allen Anthony	36.60 week	8.000 mh/week	13,302	4.80 /week	176	13.20 /week	483	27.76 /week	1,016	14,977
Project Managment			73,875	/week	570	/week	1,568	/week	3,298	79,311
1101 Superintendent										
Superintendent - Pre & Post	3.00 week	40.000 mh/week	10,150	24.00 /week	72	66.00 /week	198	116.00 /week	348	10,768
Superintendent - Construction	33.60 week	40.000 mh/week	113,676	24.00 /week	806	66.00 /week	2,218	138.80 /week	4,664	121,363
Superintendent			123,825	/week	878	/week	2,416	/week	5,012	132,131
1110 Carpenter Foreman										
Carpenter Foreman- 50% of Project	33.60 week	20.000 mh/week	26,837	12.80 /week	430	29.94 /week	1,006	69.36 /week	2,331	30,604
Carpenter Foreman			26,837	/week	430	/week	1,006	/week	2,331	30,604
1160 Safety Meetings										
Safety Director - Ken Nielsen	36.60 week	4.000 mh/week	15,350	2.40 /week	88	6.60 /week	242	13.88 /week	508	16,187
Safety Meetings			15,350	/week	88	/week	242	/week	508	16,187
1170 Cost Engineer										
Preconstruction Estimating	1.00 incl	mh/incl		-	-	0.00 /incl	0	-	-	
1172 Project Secretary										
Adminstrative Asst - 20%-Deb McWilliams	36.60 week	8.000 mh/week	12,458	-	-	-	-	8.64 /week	316	12,774
Project Secretary			12,458	/week		/week		/week	316	12,774
1202 Phone/Data/Fax Lines										
Internet/Phone	7.70 mnth		-			135.00 /mnth	1,040	-	-	1,040
Phone/Data/Fax Lines				/mnth		/mnth	1,040	/mnth		1,040
1210 Temporary Electricity										
Temporary Electricity For Office	7.70 mnth		-	-	-	165.00 /mnth	1,271	-	-	1,271

Spreadsheet Level	Takeoff Quantity	Labor Productivity	Labor Amount	Material Cost/Unit	Material Amount	Sub Cost/Unit	Sub Amount	Equip Cost/Unit	Equip Amount	Total Amount
1210 Temporary Electricity										
Temporary Electricity Power Pole (By Duke)	1.00 duke		-	-	-	2,000.00 /duke	2,000	-	-	2,000
Construction Power Use Charges (By Owner)	0.00 ownr		-	-	-	0.00 /ownr	0	-	-	0
Temporary Electricity				/mnth		/mnth	3,271	/mnth		3,271
1225 Final Electric										
Final Building Startup Electricity (By Owner)	0.00 ownr		-	-	-	0.00 /ownr	0	-	-	0
1240 Temporary Water										
Temporary Water (By GC)	7.70 mnth		-	-	-	75.00 /mnth	578	-	-	578
Temporary Water				/mnth		/mnth	578	/mnth		578
1301 Temporary Office										
Temporary Office Setup & Take Down	1.00 lsum	8.000 mh/lsum	280	300.00 /lsum	300	2,800.00 /lsum	2,800			3,380
Temporary Office Use Rental	7.70 mnth		-	-	-	525.00 /mnth	4,043			4,043
Temporary Office			280	/mnth	300	/mnth	6,843	/mnth		7,423
1305 Storage Trailer										
Storage Trailer (use own) set up/remove	1.00 lsum		-	-	-	600.00 /lsum	600			600
Storage Trailer				/mnth		/mnth	600	/mnth		600
1315 Temporary Toilet										
Temporary Toilet Rental 4 Each	7.70 mnth		-	-	-	360.00 /mnth	2,772	-	-	2,772
Holding Tank	0.00 excl		-	-	-	0.00 /excl	0	-	-	0
Temporary Toilet				/mnth		/mnth	2,772	/mnth		2,772
1320 Temporary Fence										
Fence Complete W/Fabric On Stanchions- Bags Building	702.00 lnft	mh/lnft				8.50 /lnft	5,967	-	-	5,967
Fence Complete W/Fabric On Stanchions- Bags Laydown	400.00 lnft	mh/lnft				8.50 /lnft	3,400	-	-	3,400
Temporary Fence				/sub		/sub	9,367	/sub		9,367
1340 Safety Rails etc										

Spreadsheet Level	Takeoff Quantity	Labor Productivity	Labor Amount	Material Cost/Unit	Material Amount	Sub Cost/Unit	Sub Amount	Equip Cost/Unit	Equip Amount	Total Amount
1340 Safety Rails etc										
Safety Rails, Etc. (by trades)	798.00 Inft	Inft/mh				5.00 /Inft	3,990	-	-	3,990
Miscellaneous Safety	1.00 Isum	Isum/mh				2,000.00 /Isum	2,000	-	-	2,000
Safety Rails etc				/each		/each	5,990	/each		5,990
1410 Testing Lab. Services										
Testing (by Owner)	Isum		-	-	-			-	-	
1510 Drinking Water										
Drinking Water & Coffee	33.60 week		-	-	-	10.00 /week	336	-	-	336
Drinking Water				/mnth		/mnth	336	/mnth		336
1601 Tools & Equipment										
Hoisting Equipment/Lull	7.70 mnth		-	-	-	2,300.00 /mnth	17,710	-	-	17,710
Flir Infrared Camera	1.00 Isum		-	-	-	1,284.00 /Isum	1,284	-	-	1,284
Shoring of North Roof RA-6	1.00 Isum		-	-	-	8,000.00 /Isum	8,000	-	-	8,000
For Scaffolding Allowance										
Tools & Equipment				/mnth		/mnth	26,994	/mnth		26,994
1702 Surveying										
Surveying Outside Sitework (in Div 2)	1.00 trad		-	-	-			-	-	
1705 Current Cleanup										
Current Cleanup	33.60 week	16.000 mh/week	13,641			10.00 /week	336	-	-	13,977
Laborer-Site										
Current Cleanup Laborer Building (By Trade)	0.00 trad	8.000 mh/trad						-	-	
Current Cleanup			13,641	/week		/week	336	/week		13,977
1707 Haul Dumpster										
Haul Dumpster 20 CY	33.60 haul		-	-	-	450.00 /haul	15,120	-	-	15,120
Trash Chute	1.00 Isum		-	-	-	2,500.00 /Isum	2,500	-	-	2,500
Haul Dumpster				/each		/each	17,620	/each		17,620
1710 Final Cleanup										
Final Cleanup	5.00 day	16.000 mh/day	2,269			100.00 /day	500	-	-	2,769
Final Cleanup			2,269	/Isum		/Isum	500	/Isum		2,769
1730 Office Supplies										
Office Supplies	33.60 wks		-			20.00 /wks	672	-	-	672
Equipment (copier delivery & setup))	33.60 wks		-			25.00 /wks	840	-	-	840
Postage	33.60 wks		-	-	-	20.00 /wks	672	-	-	672
Office Supplies				/Isum		/Isum	2,184	/Isum		2,184

Spreadsheet Level	Takeoff Quantity	Labor Productivity	Labor Amount	Material Cost/Unit	Material Amount	Sub Cost/Unit	Sub Amount	Equip Cost/Unit	Equip Amount	Total Amount
1735 Blue Prints										
Blue Prints (Photocopies)	4.00 sets		-			65.00 /sets	260	-	-	260
24"x36" Sheets										
Blue Prints				/lsum		/lsum	260	/lsum		260
1745 Job Photographs										
Job Photographs Aerials	7.70 mnth		-	-	-	100.00 /mnth	770	-	-	770
Job Photographs				/lsum		/lsum	770	/lsum		770
1750 Job Sign										
MOT Signage	1.00 lsum	mh/lsum				400.00 /lsum	400	-	-	400
Job Signs (directional)	1.00 lsum	mh/lsum				200.00 /lsum	200	-	-	200
Job Sign Including Install & Remove	1.00 each	8.000 mh/each	302	-	-	450.00 /each	450	-	-	752
Job Sign			302	/lsum		/lsum	1,050	/lsum		1,352
GENERAL			268,836	/1310	2,267	/1310	106,740	/1310	11,464	389,308
CONDITIONS										
2000 DEMOLITION										
2005 Building Demolition										
Remove Furred Stucco Wall Systems	1.00 EIFS		-	-	-			-	-	
Remove Roof Lights & Conduit	1.00 ELE C		-	-	-			-	-	
Remove Roofing	1.00 ROOF		-	-	-			-	-	
2200 EARTHWORK										
2201 Sitework Subcontractor										
Sidewalk & Curb Repair	1.00 allo		-	-	-	5,000.00 /allo	5,000	-	-	5,000
Allowance										
Sitework Subcontractor				/each		/each	5,000	/each		5,000
EARTHWORK				/sqft		/sqft	5,000	/sqft		5,000
2800 LANDSCAPE & IRRIGATION										
2810 Landscaping										
Landscape, Sod & Irrigation	1.00 allo		-	-	-	5,000.00 /allo	5,000	-	-	5,000
Repair Allowance										
Landscaping				/sub		/sub	5,000	/sub		5,000
LANDSCAPE & IRRIGATION				/sqft		/sqft	5,000	/sqft		5,000

Spreadsheet Level	Takeoff Quantity	Labor Productivity	Labor Amount	Material Cost/Unit	Material Amount	Sub Cost/Unit	Sub Amount	Equip Cost/Unit	Equip Amount	Total Amount
4000 MASONRY										
4005 Masonry Subcontractor										
Patch Masonry is Excluded Not Quantifiable	0.00 excl		-	-	-	0.00 /excl	0	-	-	0
5000 STEEL										
5105 Structural Steel Sub										
New Decking @ Sloped Roofing	868.00 roof					0.00 /roof	0	-	-	
New 3" x 3" x 4' SS 1/8" Angle @ Loading Dock/Receiving	28.00 each	1.500 mh/each	1,585	12.00 /each	336	115.00 /each	3,220	-	-	5,141
Remove & Reinstall Roof Stair	1.00 lsum					800.00 /lsum	800	-	-	800
Structural Steel Sub			1,585	/lsum	336	/lsum	4,020	/lsum		5,941
5530 Ladders										
O'Keeffe Quote	1.00 roof	mh/roof		0.00 /roof	0	0.00 /roof	0	-	-	
Roof Ladder Install	1.00 roof	mh/roof		0.00 /roof	0	0.00 /roof	0	-	-	
Remove Existing Ladders	6.00 each	8.000 mh/each	1,812			25.00 /each	150	-	-	1,962
Ladders			1,812	/each		/each	150	/each		1,962
5700 Aluminum Railings										
Remove & Reinstall Rails With SS Hardware	246.00 lnft	5.000 lnft/mh	1,857	2.00 /lnft	492	0.00 /lnft	0	0.41 /lnft	100	2,449
Aluminum Railings			1,857	/lnft	492	/lnft		/lnft	100	2,449
STEEL			5,254	/sqft	828	/sqft	4,170	/sqft	100	10,352
7000 THERMAL-MOIST PROTECTION										
7505 Membrane Roofing										
PVC, 2-Ply MBR & Standing Seam Roof Complete Including Roof Vents	1.00 lsum		-	-	-	853,013.00 /lsum	853,013	-	-	853,013
Membrane Roofing				/sqft		/sqft	853,013	/sqft		853,013
7508 Temporary Roofing										
Temporary Roofing Protections Plywood	13,272.00 sqft	50.000 sqft/mh	10,018	0.65 /sqft	8,627			-	-	18,645
Temporary Roofing			10,018	/lsum	8,627	/lsum		/lsum		18,645
THERMAL-MOIST PROTECTION			10,018	/sqft	8,627	/sqft	853,013	/sqft		871,658

Spreadsheet Level	Takeoff Quantity	Labor Productivity	Labor Amount	Material Cost/Unit	Material Amount	Sub Cost/Unit	Sub Amount	Equip Cost/Unit	Equip Amount	Total Amount					
9000 FINISHES															
9135 Stucco on Masonry/Concret															
EIFS System With Full	1.00	lsum	-	-	-	1,315,811.00	/lsum	1,315,811	-	-	1,315,811				
Standard Mesh & Framed															
Stucco System -KHS&S															
Dustless Wall Blasting Prep	38,000.00	sqft	-	-	-	2.25	/sqft	85,500	-	-	85,500				
Stucco on Masonry/Concret				/sqft		/sqft	/sqft	1,401,311	/sqft		1,401,311				
9345 Granite & Marble															
Black Granite Base Repair	1.00	allo	-	-	-	5,000.00	/allo	5,000	-	-	5,000				
Allowance															
Granite & Marble				/sqft		/sqft	/sqft	5,000	/sqft		5,000				
9910 Paint Exterior															
Painting Subcontractor	1.00	lsum	-	-	-	376,804.00	/lsum	376,804	-	-	376,804				
Stucco/EIFS, Doors, Metals															
etc - Service Paint															
Painting Scaffold	1.00	incl	-	-	-	0.00	/incl	0	-	-	0				
Rental Extension of Time 2-Months															
Paint Exterior				/sqft		/sqft	/sqft	376,804	/sqft		376,804				
FINISHES				/sqft		/sqft	/sqft	1,783,115	/sqft		1,783,115				
10000 SPECIALTIES															
10210 Wall Louvers															
Remove & Replace All Louvers and Mechanical Screens	6.00	crdy	24.000	mh/crdy	5,435	100.00	/crdy	600	0.00	/crdy	0	300.00	/crdy	1,800	7,835
Wall Louvers					5,435	/lsum		600	/lsum		/lsum		1,800	7,835	
10430 Building Signage															
Remove, Clean & Reinstall Mahaffey Channel Letters - Thomas	1.00	allo		mh/allo			10,988.00	/allo	10,988	-	-	10,988			
Remove, Clean & Reinstall Misc. Building Wall Signage	3.00	crda	16.000	mh/crda	1,812		100.00	/crda	300	-	-	2,112			
Building Signage					1,812	/each		/each	11,288	/each		13,100			
10905 Aluminum Walkway Canopies															
Remove & Reinstall North Walk Canopy Detach & Pull Back Canvas	3.00	crda	24.000	mh/crda	2,717	150.00	/crda	450	0.00	/crda	0	300.00	/crda	900	4,067

Spreadsheet Level	Takeoff Quantity	Labor Productivity	Labor Amount	Material Cost/Unit	Material Amount	Sub Cost/Unit	Sub Amount	Equip Cost/Unit	Equip Amount	Total Amount
Aluminum Walkway Canopies			2,717	/sqft	450	/sqft		/sqft	900	4,067
SPECIALTIES			9,964	/sqft	1,050	/sqft	11,288	/sqft	2,700	25,002
15400 PLUMBING SYSTEMS										
15410 Plumbing Subcontractor										
Plumbing Allowance For New Roof Drain and Leader Work	1.00 allo		-	-	-	5,000.00 /allo	5,000	-	-	5,000
Plumbing Subcontractor				/lsum		/lsum	5,000	/lsum		5,000
PLUMBING SYSTEMS				/sqft		/sqft	5,000	/sqft		5,000
15500 FIRE PROTECTION										
15510 Fire Protection System										
Fire Sprinkler Adjustments Are Excluded	1.00 excl		-	-	-	0.00 /excl	0	-	-	0
15600 H.V.A.C. SYSTEMS										
15610 H.V.A.C.										
HVAC Smoke Vents & Opening Systems,Shroud & Removal/Reset Work	1.00 roof		-	-	-	0.00 /roof	0	-	-	0
15670 Testing & Balance										
Testing & Balancing	1.00 excl		-	-	-			-	-	
16000 ELECTRICAL SYSTEMS										
16001 Electrical										
Electrical Complete-J&K	1.00 lsum		-	-	-	347,700.00 /lsum	347,700	-	-	347,700
Electrical				/lsum		/lsum	347,700	/lsum		347,700
ELECTRICAL SYSTEMS				/sqft		/sqft	347,700	/sqft		347,700

Estimate Totals

Descri tion	Amount	Totals	Hours	Rate	Cost Basis	Cost per Unit	Percent of Total	
Labor	294,072		4,827.840	hrs			7.59%	
Material	12,771						0.33%	
Subcontract	3,121,026						80.60%	
Equipment	14,264		4,567.441	hrs			0.37%	
Other								
	3,442,133	3,442,133					88.89	88.89%
Sales Tax	894							
General ia ility Insurance	19,975							
B ilders isk < 1 i.								
P&P Bond W/ 1% Hur icane Pre .	35,101							
Overhead & Pro it	279,848							
Contractors Contingency	94,449							
	430,267	3,872,400					11.11	100.00%
Total		3,872,400						

Tab 3

Bid Matrices

Structural Steel Deck & Ladders									
No.	Item	Advantage	Southern	United					
1	Base Bid Steel	no response by roofer excl excl incl	no response by roofer excl excl incl	declined by roofer excl excl incl					
2	New Steel Decking @ Dog House								
3	New Roof Ladders 7 Each								
4	Ladder Wall Connection Points Say								
5	Ladder Install								
6	Nightime Work								
7	P&P Bond								
Scope Contingency		\$0	\$0	\$0					
Total		no response	no response	declined					
Best Bid		\$0							

Waterproofing & Caulking									
No.	Item	Above All	Alpha	Economy	Joss	Restacon	Service Paint		
1	Base Bid	no response	Accept/no bid	declined	Accept/no bid	Accept/no bid	See Paint		
2	Exca, Patch Masonry, Waterproof Backfill North & East Wall Base	incl	incl	incl	incl	incl	incl		
3	Cut Out And Caulk Precast	incl	incl	incl	incl	incl	incl		
4	Clean & Waterproof Precast	incl	incl	incl	incl	incl	incl		
5	Cut Out & Caulk Exterior Doors Both Sides	incl	incl	incl	incl	incl	incl		
6	Cut Out & Re-caulk Storfront & Curtainwall As Indicated	incl	incl	incl	incl	incl	incl		
7	Cut Out \$ Caulk Overhead Door Perimeters	incl	incl	incl	incl	incl	incl		
8	Waterproof Top of Louvered Frame Beam	incl	incl	incl	incl	incl	incl		
9	Trsfic Coat East Precast Ledges	incl	incl	incl	incl	incl	incl		
10	Caulk All Louvers	incl	incl	incl	incl	incl	incl		
11	Caulk Railing Bases @ East Retaining Walls	incl	incl	incl	incl	incl	incl		
12	Roofing Caulking @ Flashings etc.	incl	incl	incl	incl	incl	incl		
13	Stucco Caulking Control Joint Caulking	incl	incl	incl	incl	incl	incl		
14	EIFS Caulking @ Perimeter to Dissimilar Materials	incl	incl	incl	incl	incl	incl		
15	Stucco Caulking @ Perimeter to Dissimilar Materials	incl	incl	incl	incl	incl	incl		
16	5-Year Warranty	incl	incl	incl	incl	incl	incl		
17	Nightime Work	incl	incl	incl	incl	incl	incl		
18	P&P Bond	incl	incl	incl	incl	incl	incl		
	Scope Contingency	\$0	\$0	\$0	\$0	\$0	\$0		
	Total	no response	Accept/no bid	declined	Accept/no bid	Accept/no bid	See Paint		
	Best Bid	\$0							

Deck Coatings									
No.	Item	Above All	Alpha	Economy	Joss	Restocon			
1	Base Bid								
2	Prep @ East Precast Ledges And West Chiller Yard Screen Cap	Accept/no bid	Accept/no bid	declined	Accept/no bid	Accept/no bid			
3	Application of Deck Coating Systems	\$0	\$0	\$0	\$0	\$0			
4	Lifts	\$0	\$0	\$0	\$0	\$0			
Scope Contingency		\$0	\$0	\$0	\$0	\$0			
Total		Accept/no bid	Accept/no bid	declined	Accept/no bid	Accept/no bid			
Best Bid		\$0							

PVC, MBR Sheetmetal Roofing System

Demo, Stucco & EIFS

No.	Item	Commercial	Cornerstone	KHS&S	Raynor	Walmark		
1	Base Bid Stucco & EIFS	\$1,520,000	no bid	\$1,299,566	\$1,532,800	no response		
2	Demo EIF & Stucco Systems	incl	incl	incl	incl			
3	Fastener Removal and Patch	incl	incl	incl	incl			
4	Dumpsters	incl	incl	incl	incl			
5	Waterproofing Systems-Sto	incl	incl	incl	incl			
6	Drainable EIFS System-Sto	incl	incl	incl	incl			
7	Framing, Insulation, Membrane And Stucco Systems	incl	incl	incl	incl			
8	Controls, Reglets Stops	incl	incl	incl	incl			
9	Smoke Vent Framing & Sheathing	incl	incl	incl	incl			
9	Flyloft Parapet Framing & Sheathing	incl	incl	incl	incl			
10	Stucco Soffits	incl	incl	incl	incl			
11	Building Stucco On Masonry @ Louver Concrete & Masonry Frame	incl	incl	incl	incl			
12	Caulking Within Work	incl	incl	incl	incl			
13	Lumber Related To Your Work	incl	incl	incl	incl			
14	PVC Controls & Reveals	incl	incl	incl	incl			
15	Night Time Work	incl	\$0	incl	excl			
16	5- Year Labor & Material Warranty on EIFS	see alts.	see alts.	see alts.	see alts.			
17	5- Year Labor & Material Warranty on Stucco	see alts.	see alts.	see alts.	see alts.			
17	P&P Bond	\$28,880	\$0	\$16,245	\$22,992			
	Scope Contingency	\$0	\$0	\$0	\$0			
	Total	\$1,548,880	no bid	\$1,315,811	\$1,555,792	no response		
	Best Bid	\$1,315,811						

Granite Tile Base Patch									
No.	Item	Architectural Tile	Artisan Tile	Canto	Cinco	DlMarino	Keystone		
1	Base Bid Granite Tile Base Patch	declined	no response	no response	declined	declined	no response		
2	Sound & Remove Loose Tile								
3	Reinstall Tile								
4	New Tile Reinstall As Required								
5	Caulking								
6	Night Time Work								
7	5- Year Labor & Material Warranty								
8	P&P Bond								
	Scope Contingency								
	Total	declined	no response	no response	declined	declined	no response		
	Best Bid	\$0							

Paint, Caulking Waterproofing							
No.	Item	Complete Property	Merit	Paramount	Service	Tom White	Wilson Kehoe
							Wintergreen
1	Base Bid Paint, Caulking & Waterproofing	no response	declined	\$348,500 incl	\$329,487 incl	no response	declined
2	Paint New & Existing EIFS Systems						
3	Paint New & Existing Stucco Systems						
4	Paint Bollards Metals As Shown						
5	Paint Hollow Metal Doors As Shown						
6	Paint Mechanical Equipment As Shown						
7	Paint Overhead doors As Shown						
8	Pressure Wash & Apply Water Repellant To Architectural Precast Copings						
9	Caulk Stucco Controls						
10	Caulk EIFS & Stucco To Disimilar Materials						
11	Cut & Recaulk Doors Windows As Shown						
12	Cut & Recaulk Retaing Wall Copings						
13	Cut & Recaulk Precast Planters						
14	Cut & Recaulk Window Perimeters As Shown						
15	Deck Coating @ East Precast Ledges & West Mechanical Screen Wall Top						
16	Lifts For Access Where Scaffold Not Present						
17	2-Months Scaffold Rental From EIFS/Stucco Contractor						
18	Night Time Work						
19	6- Year Labor & Material Warranty On Paint						
	P&P Bond						
	Scope Contingency	\$0	\$0	\$0	\$0	\$0	\$0
	Total	no response	declined	\$395,470	\$376,804	no response	declined
	Best Bid	\$376,804					Incomplete scope

Plumbing										
No.	Item	Pasadena	Ross	Scotts						
1	Base Bid Plumbing									
2	New Overflow Roof Drain to Exit North									
3	Repair Baskets									
4	Night Time Work									
5	5- Year Labor & Material Warranty									
6	P&P Bond									
	Sub- Total	\$0	\$0	\$0						
	Scope Contingency	\$0	\$0	\$0						
	Total	declined	declined	no response						
	Best Bid	\$0								

HVAC/ Roof Vents

No.	Item	Energy Air	KB Mechanical	Mecon	Peninsular	Prime		
1	Base Bid HVAC	no response	withdrew bid	no response	\$168,444 incl	\$157,880 incl		
2	Remove Roof Vents							
3	Remove Old Mech Equipment					\$1,000 incl		
4	Lift RTU & Reset							
4	New Roof Vents							
5	New Vent Curbs							
6	Welding & of Angle Iron				\$5,000 incl			
7	Hoisting							
8	Hoisting							
9	Hoisting							
10	Night Time Work							
11	5- Year Labor & Material Warranty							
12	P&P Bond					see alt \$3,868		
	Sub- Total	\$0	\$0	\$0	\$177,312	\$163,617		
	Scope Contingency	\$0	\$0	\$0	\$0	\$0		
	Total	no response	withdrew bid	no response	\$177,312	\$163,617		
	Best Bid	\$163,617						

Electrical									
No.	Item	APG	EC C	Florida Electric	J K	Pelican			
1	Base Bid Electrical	declined	no response	no response	\$342,950 incl incl incl incl incl incl incl see alt \$4,750	no response			
2	Demolition								
3	Scaffold Lighting								
4	Gear								
5	Refurbish & Reinstal Building Up Lights								
6	New Aircraft Clearance Lights								
7	Fire Alarm Modifications								
8	New Lightning Protection System								
9	Night Time Work								
10	5- Year Labor & Material Warranty								
11	P&P Bond								
Scope Contingency									
Total		declined	no response	no response	\$347,700	no response			
Best Bid		\$347,700							

Tab 4

Qualifications

Envelope Repairs at Mahaffey Theater
Proposal & Bid Qualifications – October 30, 2019
Clarifications / Qualifications / Allowances

Hennessy Construction Services proposes to furnish all supervision, labor, materials, tools, taxes and insurances per the attached Summary Sheet and the below clarifications/qualifications and allowances, to construct Envelope Repairs at Mahaffey Theater in the amount of Four Million One Hundred Twenty-Three Thousand Three Hundred Seventy-Nine Dollars (\$4,123,379.00).

Div. 1

1. Permits and impact fees by Owner.
2. City utility connection fees by Owner.
3. Duke power charges by Owner.
4. Builders Risk Insurance by Contractor.
5. Includes a Performance and Payment Bond
6. Electrical power for construction provided by Owner
7. Hennessy Anticipates a 7.5-Month construction duration from receipt of permit.
8. Work which involves the use of power equipment or activities which produce unacceptable noise, will be performed during nighttime hours.
9. Owner to provide a minimum 75' x 75' on-site, asphalt paved staging location, in area North of garage.
10. Includes an interior shoring allowance of \$8,000 for the North roof RA-3.
11. Hennessy excludes materials testing.
12. This proposal excludes any cost or constructability recommendations as indicated within the 3rd party review from: Williamson & Associates, Inc., *Exterior Envelope Watertightness & Durability Review* report, dated May 2, 2019. Response from C.B. Goldsmith and Associates, Inc. is pending and direction to incorporate any recommendations shall be provided to Construction Manager as a post-bid addendum.

Div. 2

1. Includes landscaping, sod, irrigation, restoration allowance of \$5,000
2. Excludes pre-testing, report and repair of existing irrigation system, unless damaged by Contractor.
3. Includes paving, curb & sidewalk restoration allowance of \$5,000.

Div. 3

1. Excludes concrete/CMU block repairs. Repairs are unquantifiable until exposed and observed. See unit pricing.
2. Excludes repairs to light weight insulating roof concrete. Repairs are unquantifiable until exposed and observed. See unit pricing.

Div. 4

1. Excludes masonry repairs. Repair requirements are unquantifiable until exposed and observed. See Unit pricing.
2. Excludes masonry grouting/solid block structural infill requirements for attachment of materials and systems, other than scuppers.

Div. 5

1. Includes aluminum wall ladder systems as provided by O'Keefe. Attachment detail not shown. Reasonable detail is included in accordance with EIFS Manufacture's recommendation.
2. Excludes existing steel or steel decking repair. Repair requirements are unquantifiable until exposed and observed.
3. Includes new 22ga B deck @ RA-15.

Div. 6

1. Standard nominal sized PT lumber included for blocking.

Div. 7

1. Excludes repairs to existing roof system other than what's required for existing item removals and new installations, unless damage is caused by the Contractor.
2. Excludes warranty on existing roof systems.
3. Excludes re-caulking of planter interiors below soil.

Div. 8

1. Excludes hollow metal door and hardware repair.
2. Excludes overhead door repair.

Div. 9

1. We exclude all extended warranty implications except for the EIFS, for the stucco system over framing / masonry. Standard 1-Yr. Workmanship warranty included.
2. Includes a \$5,000 allowance for black granite base repairs.
3. We exclude interior wall and ceiling modifications and or painting.
4. Excludes paint removal in areas to be repainted over existing paint, it does include paint removal in areas where Sto Gold Air/Moisture Barrier are to be applied.
5. Excludes structural modifications or repairs to reused metal framed walls. Repairs are unquantifiable until exposed and observed.

Div. 10

1. Includes a \$10,988 Allowance for removal and reattachment of lighted channel letters as proposed By Thomas Signs.
2. Excludes warranty on lighted channel letters.

Div. 15

1. We include a \$5,000 Plumbing Allowance for new overflow roof drain and modifications to existing roof drains.
2. We include a \$7,500 Allowance for incidental roof duct, equipment and cover removal/reinstallation, as may be necessary to access wall envelope (In roofing).
3. Excludes existing plumbing, HVAC, electrical & fire sprinkler system adjustments if required for new overflow roof drain.
4. Excludes repairs to existing mechanical equipment, unless damaged by Contractor during construction.
5. Excludes testing and balancing of existing handled mechanical equipment.
6. Excludes warranties on existing mechanical equipment and roof vents.

Div. 16

1. Excludes warranties on existing refurbished building up lights.
2. Include standard 1-yr. workmanship warranty and Letter of Finds of lightning protection system for new components installed under this scope of work. Recertification of building's U.L. Master Label is excluded.

Alternates

1. Add \$38,610 for a total 5-Year Warranty on divisions as follows:
 - o Hennessy = \$35,200
 - o Service Painting = \$3,410

Unit Pricing

1. Masonry repair = Cost plus 15%
2. Tuck Point Masonry = \$8.80/lf
3. Stucco delamination repair \$27.50/sf
4. Stucco crack repair = \$8.80/lf
5. Concrete crack repair = \$3.10/lf
6. Concrete Substrate repair = \$314/cf
7. Gyp Deck repair = Cost plus 15%
8. Metal Deck Repair Cost plus 15%

Should you have questions please contact us.

Sincerely



Mark Stalker

Tab 5

Documents List

Mahaffey Theater - Envelope Repairs

Document Log

Sec./Dwg. #	Description	Original Issue Date	Latest Revision Date	Revision / Delta Number
-------------	-------------	---------------------	----------------------	-------------------------

TECHNICAL SPECIFICATIONS

01 GENERAL REQUIREMENTS

01 70 13 5 Year Guarantee for All Work (Rec. 3/19/19)

02 DEMOLITION AND STRUCTURE MOVING

02 41 20 Selective Demolition (Rec. 3/19/19)

03 CONCRETE

03 51 00 Cementitious Decks and Toppings (Rec. 3/19/19)

04 METALS

05 31 40 Steel Deck Repair (Rec. 3/19/19)

05 WOOD, PLASTIC AND COMPOSITES

06 10 00 Rough Carpentry (Rec. 3/19/19)

06 THERMAL AND MOISTURE PROTECTION

07 01 50.19 Preparation for Re-Roofing (Rec. 3/19/19)

07 14 00 Fluid Applied Tarffic Coatings (Rec. 3/19/19)

07 19 00 Water Repellant Treatment (Rec. 3/19/19)

07 21 00 Thermal Insulation (Rec. 3/19/19)

07 22 00 Roof and Deck Insulation (Rec. 3/19/19)

07 24 00 Exterior Insulation and Finish Systems (Rec. 3/19/19)

07 27 13 Sheet Air Barrier (Rec. 3/19/19)

07 31 13 Fiberglass-Reinforced Asphalt Shingles (Rec. 3/19/19)

07 41 13 Metal Roof Panels (Rec. 3/19/19)

07 52 16 Modified Bitumen Membrane Roofing (Rec. 3/19/19)

07 54 32 Theroplastic Membrane Roofing (Rec. 3/19/19)

07 54 32W Roofing Installer's 5-Year Warranty (Rec. 3/19/19)

07 60 00 Flashing, Sheet Metal and Accessories (Rec. 3/19/19)

07 92 00 Joint Sealers (Rec. 3/19/19)

07 FINISHES

09 01 20 Concrete and Masonry Restoration (Rec. 3/19/19)

09 22 00 Portland Cement Plaster (Rec. 3/19/19)

09 91 00 Painting (Rec. 3/19/19)

09 96 13 Waterproof Coatings (Rec. 3/19/19)

09 96 13W Supplement_6 Year Guarantee for Painting (Rec. 3/19/19)

08 ELECTRICAL

26 41 00 Facility Lightning Protection (Rec. 3/19/19)

DRAWINGS

09 ARCHITECTURAL

G-100 COVER SHEET & INDEX 03/14/2019

G-200 GENERAL NOTES 03/14/2019

G-300 GENERAL NOTES 03/14/2019

G-400 GENERAL NOTES 03/14/2019

D-100 DEMOLITION ELEVATIONS 03/14/2019

D-101 DEMOLITION ELEVATIONS 03/14/2019

AS-100 ARCHITECTURAL SITE PLAN & NOTES 03/14/2019

A-100 GENERAL FLOOR PLAN 03/14/2019

A-101 LOWER LEVEL WALLS AND SOFFIT PAINTING AND REPAIR PLAN 03/14/2019

A-102 UPPER LEVEL PAINTING AND REPAIR PLAN 03/14/2019

A-200 EXTERIOR ELEVATIONS 03/14/2019

A-201 EXTERIOR ELEVATIONS 03/14/2019

A-202 EXTERIOR ELEVATIONS 03/14/2019

A-203 EXTERIOR ELEVATIONS 03/14/2019

A-204 ENLARGED ELEVATIONS 03/14/2019

Mahaffey Theater - Envelope Repairs

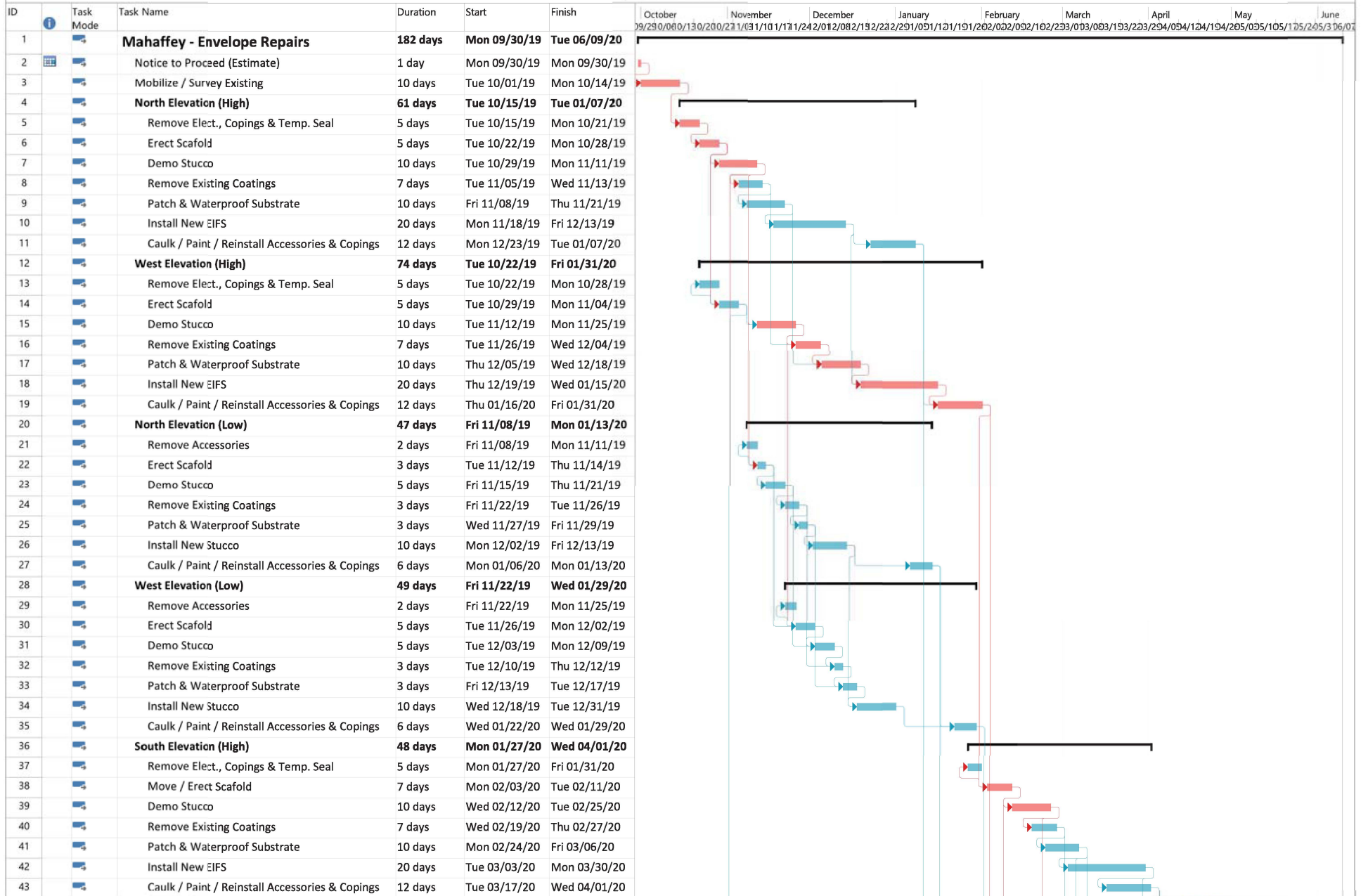
Document Log

Sec./Dwg. #	Description	Original Issue Date	Latest Revision Date	Revision / Delta Number
A-300	OVERALL ROOF PLAN	03/14/2019		
A-301	ENLARGED ROOF REPLACEMENT PLAN	03/14/2019		
A-302	ENLARGED ROOF REPLACEMENT PLAN - WIND	03/14/2019		
A-303	ENLARGED ROOF REPLACEMENT PLAN - SKYLIGHT	03/14/2019		
A-304	ROOF DETAILS	03/14/2019		
A-305	ROOF DETAILS	03/14/2019		
A-306	ROOF DETAILS	03/14/2019		
A-307	ROOF DETAILS	03/14/2019		
A-308	ROOF DETAILS	03/14/2019		
A-309	ROOF DETAILS	03/14/2019		
A-310	ROOF DETAILS	03/14/2019		
A-311	ROOF DETAILS	03/14/2019		
A-312	ROOF DETAILS	03/14/2019		
A-500	DETAIL REPLACEMENT SYSTEMS	03/14/2019		
A-501A	WALL SECTIONS	03/14/2019		
A-501B	WALL SECTIONS	03/14/2019		
A-502	DETAILS	03/14/2019		
A-503	DETAILS	03/14/2019		
A-504	DETAILS	03/14/2019		
A-505	DETAILS	03/14/2019		
A-506	DETAILS	03/14/2019		
A-601	PHOTO DETAILS	03/14/2019		
A-602	PHOTO DETAILS	03/14/2019		
A-603	PHOTO DETAILS	03/14/2019		
10 MECHANICAL				
M-101	MECHANICAL RENOVATION PLAN	03/14/2019		
M-102	MECHANICAL DETIALS AND SPECIFICATIONS	03/14/2019		
11 ELECTRICAL				
E-101	ELECTRICAL SCHEDULES AND NOTES	03/14/2019		
E-102	F/A & ELECTRICAL RENOVATION PLAN	03/14/2019		
E-103	SMOKE VENTS RENOVATION PLAN	03/14/2019		
E-104	ELECTRICAL ROOF RENOVATION PLAN	03/14/2019		
E-105	ELECTRICAL SPECIFICATIONS	03/14/2019		

Tab 6

Schedule

Mahaffey - Envelope Repairs Construction



Mahaffey - Envelope Repairs Construction

