

Attachment 1: Sheriff's Office Emergency Power Upgrades Revised Costs

General Services Architecture Division

Estimate Date: 7/14/2021

Preliminary Project Estimate Summary

from Estimate Workbook Database

Req #: TBD

Estimate # 1

Project 1920003, New Generator at Sheriff's Building

Project Manager: Tholland

Cost Code	Estimate
1.0 Construction	
1.11 Construction Cost	\$1,914,853
1.12 Construction Escalation	\$0
1.13 Construction Bid Factor	\$0
1.14 Construction Change Order Allowance	\$0
1.21 Haz Mat Sampling/Testing	\$0
1.22 Haz Mat Abatement	\$0
1.23 Haz Mat Other	\$0
1.24 Haz Mat Contingency	\$0
1.31 Direct Purchase Items	\$0
1.32 Direct Purchase Contingency	\$0
1.41 Tel/Data Cabling	\$0
1.42 Building Antenna	\$0
1.43 Radio Systems	\$0
1.44 Telecommunications Equipment	\$0
1.45 Computer Network	\$0
1.46 Computer Equipment	\$0
1.47 Data/Communications Other	\$0
1.48 Data/Communications Contingency	\$0
1.51 Security Equipment	\$0
1.52 Security System Installation	\$0
1.53 Security Other	\$0
1.54 Security Contingency	\$0
1.61 Signage - Exterior and Specialty	\$0
1.62 Other Construction - Contracts	\$0
1.63 Other Construction - Fac Ops	\$0
1.64 Other Construction - SAC	\$0
1.64 Code ADA Construction	\$0
1.65 Other Construction Contingency	\$0
Subtotal - Construction	\$1,914,853
2.0 Furnishings and Relocation	
2.11 System Furniture	\$10,000
2.13 System Furniture Contingency	\$0
2.21 Office Furniture	\$0
2.22 Specialty Furniture	\$0
2.23 Other Furnishings Contingency	\$0
2.31 Moving Services	\$0
2.35 Move Contingency	\$0
2.41 Computer Systems Move	\$0
2.42 Communications Move	\$0
2.43 Other Data/Comm Costs	\$0
2.44 Data/Comm Contingency	\$0
2.51 Trailer/Modular Building	\$0
2.52 Utilities	\$0
2.53 Temporary Rent	\$0
2.54 Temporary Staging Other	\$0
2.55 Temporary Staging Contingency	\$0
Subtotal - Furnishings and Relocation	\$10,000

Cost Code	Estimate
3.0 Design, Management & Fees	
3.11 A/E Design Services	\$369,480
3.15 A/E Contingency	\$0
3.21 Geotechnical Consultants	\$4,900
3.21 Survey	\$0
3.21 CEQA (Initial Study, EIR)	\$0
3.21 Move Coordinator	\$0
3.21 Security Consultant	\$0
3.22 Ergonomist	\$0
3.22 Safety Consultant	\$0
3.22 Haz Mat Support	\$0
3.23 Cost Estimator	\$0
3.24 Scheduler	\$0
3.25 Peer Review	\$0
3.25 ADA Consultant	\$0
3.26 Constructability Review	\$0
3.27 Legal	\$5,000
3.28 Other Consultants	\$0
3.29 Other Consultants Contingency	\$990
3.31 Staff (Proj mgr, superv, clerical)	\$299,168
3.32 FDMD Services Contingency	\$0
3.33 Guaranty Allowance	\$0
3.34 A87 Overhead	\$0
3.41 Field Office (trailer, equip, supplies)	\$0
3.42 Travel Expenses	\$0
3.43 Reprographics	\$2,000
3.44 Incidental Support - Fac Ops	\$7,500
3.45 Other Admin Expenses	\$0
3.46 Admin Expenses Contingency	\$1,700
3.51 Building Permit & Inspections	\$40,000
3.52 Fire Permit & Inspections	\$4,000
3.53 City Utility Demand Fees	\$0
3.54 PG&E Fees (meter)	\$0
3.55 Audit Fees	\$0
3.56 Other Permits and Fees	\$45,000
3.57 Permit and Fees Contingency	\$0
3.61 Inspector	\$0
3.62 Special Tests and Inspections	\$0
3.63 Testing/Inspection Contingency	\$0
SubTotal - Design, Management & Fees	\$779,738
4.1 Project Contingency	\$270,459
Total Estimate	\$2,975,050

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Comparison of Cost Estimates

Schematic Design Rev2

12/07/20

SUMMARY - EMERGENCY POWER UPGRADE

Element	Percentage	Total	Cost / SF
01 General Requirements			
02 Existing Conditions			
03 Concrete			
04 Masonry			
05 Metals			
06 Wood, Plastics, And Composites		\$2,340	\$0.04
07 Thermal And Moisture Protection		\$25,706	\$0.42
08 Openings		\$4,200	\$0.07
09 Finishes		\$45,915	\$0.75
10 Specialties		\$5,000	\$0.08
11 Equipment			
12 Furnishings			
13 Special Construction			
14 Conveying Systems			
21 Fire Suppression			
22 Plumbing			
23 HVAC			
25 Integrated Automation			
26 Electrical		\$824,676	\$13.48
27 Communications			
28 Electrical Safety And Security			
31 Earthwork		\$35,828	\$0.59
32 Exterior Improvements		\$124,978	\$2.04
33 Utilities		\$5,000	\$0.08
Subtotal		\$1,073,643	\$17.54
Phasing and Off-Hours	10%	\$107,364	\$1.75
Subtotal		\$1,181,007	\$19.30
General Requirements	2.00%	\$23,620	\$0.39
Subtotal		\$1,204,628	\$19.68
General Conditions	12.00%	\$144,555	\$2.36
Subtotal		\$1,349,183	\$22.05
Bonds & Insurance	2.00%	\$26,984	\$0.44
Subtotal		\$1,376,166	\$22.49
Contractor's Fee	4.00%	\$55,047	\$0.90
Subtotal		\$1,431,213	\$23.39
Design Contingency	10.00%	\$143,121	\$2.34
Subtotal		\$1,574,334	\$25.72
Escalation to MOC, 10/31/21	3.33%	\$52,420	\$0.86
		TOTAL ESTIMATED CONSTRUCTION COST	
		\$1,626,755	\$26.58

Attachment 1: Sheriff's Office Emergency Power Upgrades Revised Costs

Cost Estimate Set Rev1

5/20/2021 Delta between
Cost Estimates

SUMMARY - EMERGENCY POWER UPGRADE

Element	Percentage	Total	Cost / SF	
01 General Requirements				
02 Existing Conditions				
03 Concrete				
04 Masonry				
05 Metals		\$15,000	\$0.25	\$15,000
06 Wood, Plastics, And Composites		\$2,340	\$0.04	\$0
07 Thermal And Moisture Protection		\$25,706	\$0.42	\$0
08 Openings		\$4,700	\$0.08	\$500
09 Finishes		\$32,600	\$0.53	-\$13,315
10 Specialties		\$2,000	\$0.03	-\$3,000
11 Equipment				\$0
12 Furnishings				\$0
13 Special Construction				\$0
14 Conveying Systems				\$0
21 Fire Suppression		\$3,500	\$0.06	\$3,500
22 Plumbing				\$0
23 HVAC		\$30,000	\$0.49	\$30,000
25 Integrated Automation		\$6,000	\$0.10	\$6,000
26 Electrical		\$1,053,128	\$17.21	\$228,452
27 Communications		\$5,164	\$0.08	\$5,164
28 Electrical Safety And Security		\$7,500	\$0.12	\$7,500
31 Earthwork		\$30,296	\$0.50	-\$5,532
32 Exterior Improvements		\$124,328	\$2.03	-\$650
33 Utilities		\$7,500	\$0.12	\$2,500
Subtotal		\$1,349,763	\$22.05	\$276,120
Phasing and Off-Hours	\$0	\$134,976	\$2.21	\$27,612
Subtotal		\$1,484,739	\$24.26	\$303,732
General Requirements	\$0	\$29,695	\$0.49	\$6,075
Subtotal		\$1,514,434	\$24.75	\$309,806
General Conditions	\$0	\$181,732	\$2.97	\$37,177
Subtotal		\$1,696,166	\$27.72	\$346,983
Bonds & Insurance	\$0	\$33,923	\$0.55	\$6,939
Subtotal		\$1,730,089	\$28.27	\$353,923
Contractor's Fee	\$0	\$69,204	\$1.13	\$14,157
Subtotal		\$1,799,293	\$29.40	\$368,080
Design Contingency	\$0	\$89,965	\$1.47	-\$53,156
Subtotal		\$1,889,258	\$30.87	\$314,924
Escalation to MOC, 10/31/21	\$0	\$25,596	\$0.42	-\$26,824
TOTAL ESTIMATED CONSTRUCTION COST				\$288,098
\$1,914,853			\$31.29	