



Proposal 190603MDC303rev4

Final Estimate

Brittany Evans

Fox Commercial Services

RFCSP 6100007699 - 2016 COSA JOC Electrical Fox - First Option -

10/20/2017 to 10/19/2018

COSA PSAP ATS Upgrade Alt 1 - 190603MDC303rev4

Estimator: Brittany Evans

COSA PSAP ATS Upgrade Alt 1

Project Scope: COSA PSAP ATS Upgrade Alt 1

Site Location:
8130 Challenger Dr
San Antonio, TX 78235
luis.rivas@sanantonio.gov

We are pleased to be able to provide the following proposal for providing temp generator for removal of the existing ATS-4 and provide and installation of new ATS with Maintenance bypass internal.

Price based on drawings E2.1, E2.2, E3.1 dated 5/24/19

Inclusions:

- Prior to all work, provide sub contractor to enlarge existing housekeeping pad to accommodate footprint of new ATS
- Prior to first outage provide labor to lay out temp gen cabling and connect to temp generator
- During first outage window provide labor disconnect load side wiring from MSBH and connect gen cabling making removed cable safe
- Turn off breaker feeding emergency power to ATS-4
- While on generator furnish labor to remove all wiring from the existing ATS-4 pull them to below slab. -Remove the existing ATS

Furnish labor to install provide new ATS with MBP onto existing hole in floor

- Furnish and install needed Polaris blocks & wire to extend any wiring that will not reach
- Furnish labor once all wiring is landed checked for proper torque and phasing
- Once ATS replaced provide labor to disconnect temp gen cabling & reconnect existing wire back to MSBH and turn on breaker feeding emergency power to ATS-4
- Payment and performance bond

Exclusions:

- All Taxes
- Permit and Inspection Fees
- Updating any existing code violations found during construction that may be required
- Repairs or upgrades to existing electrical work above existing ceiling not meeting code
- Warranty of existing electrical work

Notes:

- Please allow 4-6 weeks for fixtures or gear due to shipping and new Tariff Act
- "Proposal Valid for 15 Days Due To Tariffs Trade Act
- All Work to Be Done During Normal Business Hours
- Any unforeseen conditions that require the need for additional labor and/or materials over and above the estimated work above will be assessed as these conditions arise. At that time, addenda to this proposal will be presented for approval.

Division Summary (MF04)

01 - General Requirements	26 - Electrical	\$40,312.50
02 - Existing Conditions	27 - Communications	
03 - Concrete	28 - Electronic Safety and Security	
04 - Masonry	31 - Earthwork	
05 - Metals	32 - Exterior Improvements	
06 - Wood, Plastics, and Composites	33 - Utilities	

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COSA PSAP ATS Upgrade Alt 1

Division Summary and Totalling Components Continued...

07 - Thermal and Moisture Protection
 08 - Openings
 09 - Finishes
 10 - Specialties
 11 - Equipment
 12 - Furnishings
 13 - Special Construction
 14 - Conveying Equipment
 21 - Fire Suppression
 22 - Plumbing
 23 - Heating, Ventilating, and Air-Conditioning (HVAC)
 25 - Integrated Automation

34 - Transportation
 35 - Waterway and Marine Transportation
 41 - Material Processing and Handling Equipment
 44 - Pollution Control Equipment
 46 - Water and Wastewater Equipment
 48 - Electric Power Generation
 Alternate \$124,056.07
 Trades
 Assemblies
 FMR
MF04 Total (Without totalling components) \$164,368.57

Totalling Components

Priced Line Items \$164,368.57
 RSMeans SAN ANTONIO, TX CCI 2019, 83.90% \$(26,463.34)
 2016 COSA JOC Electrical Fox Normal ()

Nonpriced Line Items
 2016 COSA JOC Electrical Fox Nonpriced ()

Material, Labor, and Equipment Totals (No Totalling Components)

Material: \$93,263.53
 Labor: \$36,440.75
 Equipment: \$34,664.29
 Other: \$0.00
 Laborhours: 413.16
 Green Line Items:0 \$0.00

Priced/Non-Priced

Total Priced Items:	10	\$164,368.57	
Total Non-Priced Items:	0	\$0.00	0.00%
	10	\$164,368.57	

Grand Total

\$137,905.23

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COSA PSAP ATS Upgrade Alt 1

Item	Description	UM	Quantity	Unit Cost	Total	Book
26 - Electrical						
1 26-05-05-35-0710	Transfer switches, enclosed, 2,000 A, electrical demolition, remove	Ea.	6.0000	\$575.00	\$3,450.00	RSM19ELEC L, O&P P
2 26-05-19-35-0350	Terminal lugs, solderless, 250 kcmil	Ea.	20.0000	\$83.00	\$1,660.00	RSM19ELEC M, L, O&P P
3 26-05-19-35-0500	Terminal lugs, solderless, 600 kcmil	Ea.	100.0000	\$133.00	\$13,300.00	RSM19ELEC M, L, O&P P
4 26-05-19-90-2200	Wire, copper, stranded, 600 volt, 250 kcmil, type THWN-THHN, normal installation conditions in wireway, conduit, cable tray	C.L.F.	4.0000	\$835.00	\$3,340.00	RSM19ELEC M, L, O&P P
5 26-05-19-90-2802	Wire, copper, stranded, 600 volt, 600 kcmil, type THWN-THHN, normal installation conditions in wireway, conduit, cable tray	C.L.F.	13.5000	\$1,375.00	\$18,562.50	RSM19ELEC M, L, O&P P
26 - Electrical Total					\$40,312.50	
Alternate						
6 01	Payment and Performance Bond	Ea	1.0000	\$3,605.48	\$3,605.48	CUSTOM M, O&P P
7 01-21-55-50	Concrete Subcontractor - New Pad for ATS & MBP	Ea	1.0000	\$5,500.00	\$5,500.00	CUSTOM E, O&P P
8 01-54-33	Equipment Rental - Lift	Ea	1.0000	\$3,500.00	\$3,500.00	CUSTOM E, O&P P
9 26-32-13-13	Temporary Generator	Ea	1.0000	\$25,664.29	\$25,664.29	CUSTOM E, O&P P
10 26-36-23-10-1300	Automatic transfer switches, enclosed, 3 pole, 480 volt, 2,000 amp	Ea.	1.0000	\$85,786.30	\$85,786.30	CUSTOM M, L, O&P P
Alternate Total					\$124,056.07	
Estimate Grand Total					137,905.23	