

Halff Associates, Inc.
 Fee Schedule-Commissioner Precinct 1 Administration Bldg. - Emergency Generator
 HIDALGO COUNTY 2019 On-Call Contract No: C18-198-07-31 \Work Authorization No. 02

	Project Manager	PE	EIT	Senior CADD Operator	Project Inspector	CAD Operator	Clerical	Survey Manager (RPLS)	2-Man Survey Crew	Sub-Consultant	TOTAL (HOURS)	TOTAL (\$)
Contracted Rate:	\$268	\$199	\$115	\$106	\$93	\$89	\$67	\$165	\$215			
000010-Design Permanent Solution												
Review Existing Documents and Proposed Equipment (Plans)		2	3								5	\$743.00
Site Investigation/Existing Conditions for Design		6			8						14	\$1,938.00
Determine generator rating based on loads	2	2	2			2	3				11	\$1,543.00
Modifications to electrical distribution system	2	2				4					8	\$1,290.00
Development of one-line diagram		3	2			4					9	\$1,183.00
Electrical site plans development		2	3			8					13	\$1,455.00
Develop project specific details			2			4					6	\$586.00
Coordination with utility company	2	3	2								7	\$1,363.00
Specification of automatic transfer switch	1		2			1	1				5	\$654.00
Survey tasks per Exhibit B			2			1			3		6	\$964.00
Civil tasks per Exhibit B		2	3			1	2				8	\$966.00
Demo Plans			2			6					8	\$764.00
Division 1 Specs		2					2				4	\$532.00
Technical Specs	1	2					2				5	\$800.00
Design Meeting (1)	4										4	\$1,072.00
Design Phase Administrative Support							6				6	\$402.00
Issuance of Final Documents	1			2		2					5	\$658.00
Sub-Contract: Chanin Engineering (Structural)										\$3,000	0	\$3,000.00
000010-Design Permanent Solution Design Sub-Total (Hours)	13	26	23	2	8	33	16	0	3		124	\$3,000.00
000010-Design Permanent Solution Sub-Total (\$)	\$3,484	\$5,174	\$2,645	\$212	\$744	\$2,937	\$1,072	\$0	\$645	\$3,000		\$19,913.00
000020 - Design Quick Connect												
Quick Connect Design												
Quick connect portable generator docking stations design	5	6	8			10	10				39	\$5,014.00
000020 - Design Quick Connect Sub-Total (Hours)	5	6	8	0	0	10	10	0			39	
000020 - Design Quick Connect Sub-Total (\$)	\$1,340	\$1,194	\$920	\$0	\$0	\$890	\$670	\$0	\$0	\$0		\$5,014.00
000030 - Procurement Services												
Bid Phase Services												
Pre Proposal Conference	3						1				4	\$871.00
Answer Questions Regarding Constr. Document		1	2	3			1				7	\$814.00
Provide Recommendations for Award	1										1	\$268.00
Procurement Phase Administrative Support							1				1	\$67.00
000030 - Procurement ServicesSub-Total (Hours)	4	1	2	3	0	0	3	0	0		13	
000030 - Procurement ServicesSub-Total (\$)	\$1,072	\$199	\$230	\$318	\$0	\$0	\$201	\$0	\$0	\$0		\$2,020.00
000040 - Construction Admin												
Construction Phase Services												
Pre Construction Meeting (1 Visit)	4		2								6	\$1,302.00
Response to RFI's	2	2	2				1				7	\$1,231.00
Review Submittals			1								1	\$115.00
Review Payment Applications (1 visits)	2										2	\$536.00
CA Phase Administrative Support							2				2	\$134.00
Field Observations/Punch Lists(3 Field Meetings)					12						12	\$1,116.00
Project Close-out	2						1				3	\$603.00
000040 - Construction Admin Sub-Total (Hours)	10	2	5	0	12	0	4	0	0		33	
000040 - Construction Admin Sub-Total (\$)	\$2,680	\$398	\$575	\$0	\$1,116	\$0	\$268	\$0	\$0	\$0		\$5,037.00

Invoice 1		Invoice 2	
% Complete	Billing Total (\$)	% Complete	Billing Total (\$)
100%	743	0%	0
100%	1,938	0%	0
100%	1,543	0%	0
100%	1,290	0%	0
100%	1,183	0%	0
100%	1,455	0%	0
100%	586	0%	0
100%	1,363	0%	0
100%	654	0%	0
100%	964	0%	0
100%	966	0%	0
100%	764	0%	0
100%	532	0%	0
100%	800	0%	0
100%	1,072	0%	0
100%	402	0%	0
100%	658	0%	0
100%	3,000	0%	0
0%	0	100%	5,014
0%	0	100%	871
0%	0	100%	814
0%	0	100%	268
0%	0	100%	67
0%	0	0%	0
0%	0	0%	0
0%	0	0%	0
0%	0	0%	0
0%	0	0%	0
0%	0	0%	0

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Contracted Rate:	\$268	\$199	\$115	\$106	\$93	\$89	\$67	\$165	\$215			
000060 - Additional Phase 1 Design												
Additional Phase 1 Design												
Determine generator rating based on loads	1	4	4				2				11	\$1,658.00
Revisions to Modifications to electrical distribution system	1	2	2			2					7	\$1,074.00
Revisions to Development of one-line diagram		1	1			2					4	\$492.00
Revisions to Electrical site plans development		1	1			3					5	\$581.00
Revisions to Develop project specific details			1			2					3	\$293.00
Revisions to Specification of automatic transfer switch		1	1			2					4	\$492.00
Revisions to Technical Specs		2	2				6				10	\$1,030.00
Revisions to Issuance of Final Documents	1	2		4		3					10	\$1,357.00
Sub-Contract: Chanin Engineering (Structural) Revisions										\$2,000	0	\$2,000.00
000060 - Additional Phase 1 Design Sub-Total (Hours)	3	13	12	4	0	14	8	0	0		54	\$2,000.00
000060 - Additional Phase 1 Design Sub-Total (\$)	\$804	\$2,587	\$1,380	\$424	\$0	\$1,246	\$536	\$0	\$0	\$2,000		\$8,977.00
000070 - Additional Phase 2 Scope												
Quick Connect / Natural Gas Scope Revision												
Scope Revision	-1	-1				-2	-1				-5	(\$712.00)
000070 - Additional Phase 2 Scope Sub-Total (Hours)	-1	-1	0	0	0	-2	-1	0			-5	
000070 - Additional Phase 2 Scope Sub-Total (\$)	-\$268	-\$199	\$0	\$0	\$0	-\$178	-\$67	\$0	\$0	\$0		(\$712.00)
000080 - Additional Procurement												
Additional Procurement Services												
Pre Proposal Conference	3						1				4	\$871.00
Answer Questions Regarding Constr. Document		1	2	3			1				7	\$814.00
Provide Recommendations for Award	1										1	\$268.00
Procurement Phase Administrative Support							1				1	\$67.00
Previous Procurement Construction Bid Analysis	1	2										\$666.00
000080 - Additional Procurement Sub-Total (Hours)	5	3	2	3	0	0	3	0	0	0	13	
000080 - Additional Procurement Sub-Total (\$)	\$1,340	\$597	\$230	\$318	\$0	\$0	\$201	\$0	\$0	\$0		\$2,686.00
000090 - Additional Construction Admin												
Construction Phase Services												
Pre Construction Meeting (1 Visit)	2		1								3	\$651.00
Response to RFI's	1	1	1								3	\$582.00
Review Submittals			1								1	\$115.00
Review Payment Applications	1										1	\$268.00
CA Phase Administrative Support							1				1	\$67.00
Field Observations/Punch Lists(3 Field Meetings)					6						6	\$558.00
Project Close-out	1						1				2	\$335.00
000090 - Additional Construction Admin Sub-Total (Hours)	5	1	3	0	6	0	2	0	0		17	
000090 - Additional Construction Admin Sub-Total (\$)	\$1,340	\$199	\$345	\$0	\$558	\$0	\$134	\$0	\$0	\$0		\$2,576.00

Invoice 1		Invoice 2	
% Complete	Billing Total (\$)	% Complete	Billing Total (\$)
0%	0	100%	1,658
0%	0	100%	1,074
0%	0	100%	492
0%	0	100%	581
0%	0	100%	293
0%	0	100%	492
0%	0	100%	1,030
0%	0	100%	1,357
0%	0	100%	2,000
0%	0	100%	-712
0%	0	30%	261
0%	0	0%	0
0%	0	100%	268
0%	0	100%	67
0%	0	100%	666
0%	0	0%	0
0%	0	0%	0
0%	0	0%	0
0%	0	0%	0
0%	0	0%	0
0%	0	0%	0
0%	0	0%	0

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	Project Manager	PE	EIT	Senior CADD Operator	Project Inspector	CAD Operator	Clerical	Survey Manager (RPLS)	2-Man Survey Crew	Sub-Consultant	TOTAL (HOURS)	TOTAL (\$)
Contracted Rate:	\$268	\$199	\$115	\$106	\$93	\$89	\$67	\$165	\$215			
000100 - Additional Phase 5 JP Design Services												
JP Design Services												
Review Existing Documents and Proposed Equipment (Plans)		1	1									\$314.00
Site Investigation/Existing Conditions for Design		4										\$796.00
Modifications to electrical distribution system	1	2				2						\$844.00
Development of one-line diagram		1	2			2						\$607.00
Electrical site plans development		1				2						\$377.00
Develop project specific details			1			2						\$293.00
Coordination with utility company	2		1									\$651.00
Specification of automatic transfer switch	1		1				1					\$450.00
Demo Plans			1			2						\$293.00
Technical Specs	1	1					2					\$601.00
Design Meeting (1)	4											\$1,072.00
Design Phase Administrative Support							6					\$402.00
Issuance of Final Documents	1			2		2						\$658.00
Sub-Contract: Chanin Engineering (Structural)												\$0.00
000100 - Additional Phase 5 JP Design Services Sub-Total (Hours)	10	10	7	2	0	12	9	0	0		0	
000100 - Additional Phase 5 JP Design Services Sub-Total (\$)	\$2,680	\$1,990	\$805	\$212	\$0	\$1,068	\$603	\$0	\$0	\$0	\$0	\$7,358.00
TOTAL HOURS (PRIME CONSULTANT)	54	61	62	14	26	67	54	0	3	0	288	
000050 - TOTAL REIMBURSABLE EXPENSES (EST. REIMBURSABLES)												\$500.00
TOTAL LABOR PLUS EXPENSES												\$53,369.00

Invoice 1		Invoice 2	
% Complete	Billing Total (\$)	% Complete	Billing Total (\$)
0%	0	100%	314
0%	0	100%	796
0%	0	100%	844
0%	0	100%	607
0%	0	100%	377
0%	0	100%	293
0%	0	100%	651
0%	0	100%	450
0%	0	100%	293
0%	0	100%	601
0%	0	100%	1,072
0%	0	100%	402
0%	0	100%	658
0%	0	100%	0
7%	37.12	13%	65.54
Invoice 1 SUB-TOTAL	19,950.12	Invoice 2 SUB-TOTAL	23,984.96