

The City of Hollywood: RFQ No. 4422-14-RD Continuing Contract for Mechanical, Electrical, & Plumbing Engineering Services (PW 14-010)





COPY

May 30, 2014



ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

City of Hollywood: Continuing Contract for Mechanical, Electrical, & Plumbing Engineering Services (PW 14-010)

1000						
2.	PUB	LIC NO	DTICE	DAT	F	

3. SOLICITATION OR PROJECT NUMBER RFQ No. 4422-14-RD:

May 8th, 2014

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Tony Shahnami, President, P.E., F.E., CxA, CES, CHS-III

5. NAME OF FIRM

SGM Engineering, Inc. - 100% Small Business NAICS Codes: 236220, 238210, 238220, 541310, 541330, 541340, 541350, 561210, 561499 DUNS #94-459-9141

6. TELEPHONE NUMBER 7. FAX NUMBER 8. E-MAIL ADDRESS (954) 421-1944 (954) 421-1924 Tony@SGMEngineering			ering.com				
	-1			(Complete this section		PPOSED TEAM me contractor and all key subcom	tractors.)
	((Checl	k)				
	PRIME	J-V PARTNER	SUBCON- TRACTOR	9. FIRM NAME		10. ADDRESS	11. ROLE IN THIS CONTRACT
a. ¹	x		-	SGM Engineering, Inc. SDB, SBE, MBE	Bldg	W. Hillsboro Blvd., . 3, Suite 212, field Beach, FL 33441	Mechanical, Electrical, Plumbing, Fire Protection Engineering, Commissioning Authority, LEED / Sustainable Design

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)

SGM Engineering, Inc. · 700 W. Hillsboro Blvd., Bldg. 3, Suite 212, Deerfield Beach, FL 33441 (954) 421-1944 · (954) 421-1924 (Fax)



City of Hollywood Beach Continuing Contract for Mechanical, Electrical, and Plumbing Engineering Services RFQ: 4422-14-RD Profile of Consultant



	E. RE	SUMES OF KEY PERSONNEL PI	ROPOSED FC	R THIS CONTRACT		
		(Complete one Section E				
		13. ROLE IN THIS CONTRACT		a. TOTA		. YEARS EXPERIENCE b. WITH CURRENT FIRM
	ony Shahnami, P.E., F.E., CES,	Principal in Charge			33	23
	HS-III, CxA					
	FIRM NAME AND LOCATION (City and State) GM Engineering, Inc., Deerfield Be	ach. FL				(1. C.
16.	EDUCATION (DEGREE AND SPECIALIZATION)			PROFESSIONAL REGISTR		
Ba	achelor of Science, Mechanical	Engineering,				red in 37 other
U	niversity of Miami		1			ing Agent, Certified
			Homela	and Security Le	vel III a	nd Forensic Engineer
18.	OTHER PROFESSIONAL QUALIFICATIONS (Publications filiations: Member of the America	s, Organizations, Training, Awards, etc.)	igorating a	and Air-Condition	ng Engi	neers, Florida Engineering
A	pciety, and National Fire Protection A	ssociation. Awards: Energ	v Award by	/ Florida State Go	vernor's	Energy Office, Florida Tax
W	/atch Organization, experience with Or	range County Government a	nd UCF.			en en der eine
	, <u>,</u>	19. RELEVANT				1997 - 1997 -
	(1) TITLE AND LOCATION (City and State)			PROFESSIONAL SERVIC		COMPLETED CONSTRUCTION (If applicable)
	Town of Palm Beach, Street/	Site Lighting,		2010		2011
	Palm Beach, FL					
а	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.)	AND SPECIFIC ROLE		ck if project performe		
a	Tony Shahnami acted as Princip	bal in Charge for the Str	eet/Site L	lighting in the i	own or	ting circuit Additionally
	replaced the existing light poles	with new fixtures/poles	and conr	te provide conn	an exist	o the new null-hox: new
	SGM removed existing conducto			to provide com	ection t	o the new pair box, new
-	conductors were installed in its p (1) TITLE AND LOCATION (City and State)	nace. Project Cost: \$1.00			(2) YEAR	COMPLETED
	Orange County Government,	Fire Station #36, #66, a	nd #76,	PROFESSIONAL SERVIC	ES	CONSTRUCTION (If applicable)
	Orlando, FL			2009		2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.)	AND SPECIFIC ROLE	Che	eck if project performe	d with curr	rent firm
b	SGM provided full MEP/FP e	ngineering design servi		a gonorator r	enlacem	ant at Orange County
			les for ti	le generator n	placen	lent at Grange County
	Government's Fire Stations #36	, #66, and #76. SGM's s	cope inclu	ded the remova	al of the	e existing generator and
	Government's Fire Stations #36 transfer switch system at the Fire	, #66, and #76. SGM's s	cope inclu	ded the remova	al of the	e existing generator and
	Government's Fire Stations #36 transfer switch system at the Fire Project Cost: 1.5M	, #66, and #76. SGM's s	cope inclu	ded the remova	al of the e for th	e existing generator and is project.
-	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>)	, #66, and #76. SGM's s e Stations. Mr. Shahnami	cope inclu acted as P	ded the remova rincipal in Charg	al of the e for th (2) YEAR	e existing generator and is project.
-	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (City and State) Indian River County Governme	, #66, and #76. SGM's s e Stations. Mr. Shahnami nent, Indian River Coun	cope inclu acted as P	ded the remova rincipal in Charg	al of the e for th (2) YEAR	e existing generator and is project.
	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>)	, #66, and #76. SGM's s e Stations. Mr. Shahnami nent, Indian River Coun	cope inclu acted as P ty	ded the remova rincipal in Charg PROFESSIONAL SERVIC 2012	al of the e for th (2) YEAR CES	completed construction (If applicable) 2013
c	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>)	, #66, and #76. SGM's s e Stations. Mr. Shahnami nent, Indian River Coun L AND SPECIFIC ROLE	ty	PROFESSIONAL SERVIC 2012 eck if project performe	(2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAR	e existing generator and is project. COMPLETED CONSTRUCTION (If applicable) 2013 rent firm
c	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony Shahnami acted as Prince	, #66, and #76. SGM's s e Stations. Mr. Shahnami nent, Indian River Coun EL AND SPECIFIC ROLE ipal in Charge by provid	ty	PROFESSIONAL SERVIC 2012 rincipal in Charg	(2) YEAR (2)	e existing generator and is project. COMPLETED CONSTRUCTION (<i>If applicable</i>) 2013 rent firm s for SGM Engineering's
c	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony Shahnami acted as Prince modifications to the CCTV video	, #66, and #76. SGM's s e Stations. Mr. Shahnami nent, Indian River Coun L AND SPECIFIC ROLE ipal in Charge by provid o surveillance system, as	ty ty well as a	PROFESSIONAL SERVIC 2012 Project performe view of design access control sy	(2) YEAR (2)	e existing generator and is project. COMPLETED CONSTRUCTION (If applicable) 2013 rent firm 5 for SGM Engineering's esign for the new crime
c	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony Shahnami acted as Prince modifications to the CCTV video scene lab and evidence holding f	, #66, and #76. SGM's s e Stations. Mr. Shahnami nent, Indian River Coun L AND SPECIFIC ROLE ipal in Charge by provid o surveillance system, as	ty ty well as a	PROFESSIONAL SERVIC 2012 Project performe view of design access control sy	(2) YEAR (2)	e existing generator and is project. COMPLETED CONSTRUCTION (If applicable) 2013 rent firm s for SGM Engineering's esign for the new crime 000
c	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony Shahnami acted as Prince modifications to the CCTV video scene lab and evidence holding f (1) TITLE AND LOCATION (<i>City and State</i>)	, #66, and #76. SGM's s e Stations. Mr. Shahnami eent, Indian River Coun L AND SPECIFIC ROLE ipal in Charge by provid o surveillance system, as facility for Indian County S	ty The set of the set	PROFESSIONAL SERVIC 2012 PROFESSIONAL SERVIC 2012 PROFESSIONAL SERVIC PROFESSIONAL SERVIC	(2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAF (2) YEAF	e existing generator and is project. COMPLETED CONSTRUCTION (<i>If applicable</i>) 2013 rent firm a for SGM Engineering's esign for the new crime 000 COMPLETED CONSTRUCTION (<i>If applicable</i>)
c	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony Shahnami acted as Prince modifications to the CCTV video scene lab and evidence holding f (1) TITLE AND LOCATION (<i>City and State</i>) City of Riviera Beach, HVAC R	, #66, and #76. SGM's s e Stations. Mr. Shahnami eent, Indian River Coun L AND SPECIFIC ROLE ipal in Charge by provid o surveillance system, as facility for Indian County S	ty The set of the set	PROFESSIONAL SERVIC 2012 PROFESSIONAL SERVIC 2012 PROFESSIONAL SERVIC 2012 PROFESSIONAL SERVIC 2012 PROFESSIONAL SERVIC 2012	(2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAF (2) YEAF	e existing generator and is project. COMPLETED CONSTRUCTION (If applicable) 2013 rent firm 5 for SGM Engineering's esign for the new crime 000 RCOMPLETED
c	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony Shahnami acted as Princi modifications to the CCTV video scene lab and evidence holding f (1) TITLE AND LOCATION (<i>City and State</i>) City of Riviera Beach, HVAC R Riviera Beach, FL	, #66, and #76. SGM's s e Stations. Mr. Shahnami eent, Indian River Coun L AND SPECIFIC ROLE ipal in Charge by provid o surveillance system, as facility for Indian County S Replacement at City Ha	ty acted as P ty chi ding overvision well as a Sheriff's of II,	PROFESSIONAL SERVIC 2012 PROFESSIONAL SERVIC 2012 PROFESSIONAL SERVIC view of design access control sy fice. Project Cos PROFESSIONAL SERVI 2011	(2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAR	e existing generator and is project. COMPLETED CONSTRUCTION (If applicable) 2013 rent firm 5 for SGM Engineering's esign for the new crime 000 COMPLETED CONSTRUCTION (If applicable) 2012
c	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony Shahnami acted as Prince modifications to the CCTV video scene lab and evidence holding f (1) TITLE AND LOCATION (<i>City and State</i>) City of Riviera Beach, HVAC R Riviera Beach, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>)	, #66, and #76. SGM's site Stations. Mr. Shahnami nent, Indian River Coun L AND SPECIFIC ROLE ipal in Charge by provide o surveillance system, as facility for Indian County Site Replacement at City Ha AND SPECIFIC ROLE	ty acted as P ty ching overviewell as a Sheriff's of II, Chi	PROFESSIONAL SERVIC 2012 PROFESSIONAL SERVIC 2012 PROFESSIONAL SERVIC 2012 PROFESSIONAL SERVIC PROFESSIONAL SERVIC 2011 PROFESSIONAL SERVIC	(2) YEAR (2)	e existing generator and is project. COMPLETED CONSTRUCTION (If applicable) 2013 rent firm s for SGM Engineering's esign for the new crime 000 COMPLETED CONSTRUCTION (If applicable) 2012 rent firm
c	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony Shahnami acted as Princi modifications to the CCTV video scene lab and evidence holding f (1) TITLE AND LOCATION (<i>City and State</i>) City of Riviera Beach, HVAC R Riviera Beach, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony acted as Principal in Charge	, #66, and #76. SGM's s e Stations. Mr. Shahnami eent, Indian River Coun E AND SPECIFIC ROLE ipal in Charge by provid o surveillance system, as facility for Indian County S eeplacement at City Ha	ty A child ty Child the HVAC	rincipal in Charge PROFESSIONAL SERVIC 2012 eck if project performed view of design access control sy fice. Project Cos PROFESSIONAL SERVIC 2011 eck if project performed system at the C	(2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAF (2) YEAF (2) YEAF (2) YEAF (2) YEAF (2) YEAF (2) YEAF	e existing generator and is project. COMPLETED CONSTRUCTION (<i>If applicable</i>) 2013 rent firm 5 for SGM Engineering's esign for the new crime 000 COMPLETED CONSTRUCTION (<i>If applicable</i>) 2012 rent firm in Riviera Beach. All duct
c	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony Shahnami acted as Princimodifications to the CCTV video scene lab and evidence holding f (1) TITLE AND LOCATION (<i>City and State</i>) City of Riviera Beach, HVAC R Riviera Beach, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony acted as Principal in Charge work was redesigned to include	, #66, and #76. SGM's sie Stations. Mr. Shahnami ment, Indian River Coun L AND SPECIFIC ROLE ipal in Charge by provide o surveillance system, as facility for Indian County State Explacement at City Ha AND SPECIFIC ROLE e for the replacement of thermostat placement, a	ty A childing overvision overvision of the second	PROFESSIONAL SERVIC 2012 eck if project performe view of design access control sy fice. Project Cos PROFESSIONAL SERVIC 2011 eck if project performe system at the C turns, diffusers,	(2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAF (2) YEAF (2) YEAF (2) YEAF (2) YEAF (2) YEAF (2) YEAF (2) YEAF (2) YEAR	e existing generator and is project. COMPLETED CONSTRUCTION (<i>If applicable</i>) 2013 rent firm 5 for SGM Engineering's esign for the new crime 000 COMPLETED CONSTRUCTION (<i>If applicable</i>) 2012 rent firm in Riviera Beach. All duct management system and
c	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony Shahnami acted as Princi modifications to the CCTV video scene lab and evidence holding f (1) TITLE AND LOCATION (<i>City and State</i>) City of Riviera Beach, HVAC R Riviera Beach, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony acted as Principal in Charge	, #66, and #76. SGM's sie Stations. Mr. Shahnami ment, Indian River Coun L AND SPECIFIC ROLE ipal in Charge by provide o surveillance system, as facility for Indian County State Explacement at City Ha AND SPECIFIC ROLE e for the replacement of thermostat placement, a	ty A childing overvision overvision of the second	ded the remova rincipal in Charg PROFESSIONAL SERVIC 2012 eck if project performe view of design access control sy fice. Project Cos PROFESSIONAL SERVI 2011 eck if project performe system at the C turns, diffusers, ents and flexibilit	(2) YEAR (2) YEAR	e existing generator and is project. COMPLETED CONSTRUCTION (If applicable) 2013 rent firm 6 for SGM Engineering's esign for the new crime 000 COMPLETED CONSTRUCTION (If applicable) 2012 rent firm in Riviera Beach. All duct management system and ect Cost: \$325,000 R COMPLETED
c	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony Shahnami acted as Princi modifications to the CCTV video scene lab and evidence holding f (1) TITLE AND LOCATION (<i>City and State</i>) City of Riviera Beach, HVAC R Riviera Beach, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony acted as Principal in Chargo work was redesigned to include other compensating devising to	, #66, and #76. SGM's s e Stations. Mr. Shahnami eent, Indian River Coun L AND SPECIFIC ROLE ipal in Charge by provid o surveillance system, as facility for Indian County S eeplacement at City Ha AND SPECIFIC ROLE e for the replacement of thermostat placement, a provide maximum system	ty A childing overvision overvision of the second	PROFESSIONAL SERVIC 2012 PROFESSIONAL SERVIC 2012 eck if project performe view of design access control sy fice. Project Cos PROFESSIONAL SERVI 2011 eck if project performe system at the C turns, diffusers, ents and flexibilit	(2) YEAR (2) YEAR	e existing generator and is project. COMPLETED CONSTRUCTION (If applicable) 2013 rent firm a for SGM Engineering's esign for the new crime 000 COMPLETED CONSTRUCTION (If applicable) 2012 rent firm in Riviera Beach. All duct management system and ect Cost: \$325,000 RCOMPLETED CONSTRUCTION (If applicable)
d	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony Shahnami acted as Prince modifications to the CCTV video scene lab and evidence holding f (1) TITLE AND LOCATION (<i>City and State</i>) City of Riviera Beach, HVAC R Riviera Beach, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony acted as Principal in Chargo work was redesigned to include other compensating devising to (1) TITLE AND LOCATION (<i>City and State</i>)	, #66, and #76. SGM's site Stations. Mr. Shahnami eent, Indian River Coun- L AND SPECIFIC ROLE ipal in Charge by provide o surveillance system, as facility for Indian County S Replacement at City Ha AND SPECIFIC ROLE e for the replacement of thermostat placement, a provide maximum system ontracting Squadron,	ty A childing overvision overvision of the second	ded the remova rincipal in Charg PROFESSIONAL SERVIC 2012 eck if project performe view of design access control sy fice. Project Cos PROFESSIONAL SERVI 2011 eck if project performe system at the C turns, diffusers, ents and flexibilit	(2) YEAR (2) YEAR	e existing generator and is project. COMPLETED CONSTRUCTION (If applicable) 2013 rent firm 6 for SGM Engineering's esign for the new crime 000 COMPLETED CONSTRUCTION (If applicable) 2012 rent firm in Riviera Beach. All duct management system and ect Cost: \$325,000 R COMPLETED
c d	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cast, etc.</i>) Tony Shahnami acted as Prince modifications to the CCTV video scene lab and evidence holding f (1) TITLE AND LOCATION (<i>City and State</i>) City of Riviera Beach, HVAC R Riviera Beach, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony acted as Principal in Charge work was redesigned to include other compensating devising to (1) TITLE AND LOCATION (<i>City and State</i>) MacDill Air Force Base, 6 th Co Demo/Consol, CE Storage Face (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>)	, #66, and #76. SGM's site Stations. Mr. Shahnami eent, Indian River Council AND SPECIFIC ROLE ipal in Charge by provide o surveillance system, as facility for Indian County Statistics Replacement at City Ha AND SPECIFIC ROLE e for the replacement of thermostat placement, a provide maximum system ontracting Squadron, cilities, Tampa, FL DAND SPECIFIC ROLE	ty ty Ching overview well as a Sheriff's of II, Ching Ching the HVAC air flow re- n adjustme	PROFESSIONAL SERVIC 2012 eck if project performe view of design access control sy fice. Project Cos PROFESSIONAL SERVIC 2011 eck if project performe system at the C turns, diffusers, ents and flexibilit PROFESSIONAL SERVI 2013 eck if project performe	(2) YEAR (2)	e existing generator and is project. COMPLETED CONSTRUCTION (If applicable) 2013 rent firm 5 for SGM Engineering's esign for the new crime 000 COMPLETED CONSTRUCTION (If applicable) 2012 rent firm in Riviera Beach. All duct management system and ect Cost: \$325,000 RCOMPLETED CONSTRUCTION (If applicable) 2014 rent firm
1295	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony Shahnami acted as Princi modifications to the CCTV video scene lab and evidence holding f (1) TITLE AND LOCATION (<i>City and State</i>) City of Riviera Beach, HVAC R Riviera Beach, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony acted as Principal in Chargo work was redesigned to include other compensating devising to (1) TITLE AND LOCATION (<i>City and State</i>) MacDill Air Force Base, 6 th Co Demo/Consol, CE Storage Face (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM Engineering provided Civil,	, #66, and #76. SGM's s e Stations. Mr. Shahnami eent, Indian River Coun EL AND SPECIFIC ROLE ipal in Charge by provid o surveillance system, as facility for Indian County Statistics equility for Indian County Statistics effor Indian County Statistics effor the replacement of thermostat placement, a provide maximum system ontracting Squadron, cilities, Tampa, FL AND SPECIFIC ROLE Structural, Architectural,	ty Ty Childing overvice well as a Sheriff's of II, Childing Childing the HVAC air flow re- n adjustme Childing Childing MEP/FP of	ded the remova rincipal in Charg PROFESSIONAL SERVIC 2012 eck if project performe view of design access control sy fice. Project Cos PROFESSIONAL SERVIC 2011 eck if project performe system at the C turns, diffusers, ents and flexibilit PROFESSIONAL SERVI 2013 eck if project performe system at the C turns, diffusers, ents and flexibilit PROFESSIONAL SERVI 2013 eck if project performe	al of the e for the (2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAF (2) YEAF (e existing generator and is project. COMPLETED CONSTRUCTION (If applicable) 2013 rent firm 5 for SGM Engineering's esign for the new crime 000 COMPLETED CONSTRUCTION (If applicable) 2012 rent firm in Riviera Beach. All duct management system and ect Cost: \$325,000 R COMPLETED CONSTRUCTION (If applicable) 2014 rrent firm nulti-phased Design-Build
1295	transfer switch system at the Fire Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Governm Sheriff's Office, Vero Beach, F (3) BRIEF DESCRIPTION (<i>Brief scope, size, cast, etc.</i>) Tony Shahnami acted as Prince modifications to the CCTV video scene lab and evidence holding f (1) TITLE AND LOCATION (<i>City and State</i>) City of Riviera Beach, HVAC R Riviera Beach, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Tony acted as Principal in Charge work was redesigned to include other compensating devising to (1) TITLE AND LOCATION (<i>City and State</i>) MacDill Air Force Base, 6 th Co Demo/Consol, CE Storage Face (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>)	, #66, and #76. SGM's s e Stations. Mr. Shahnami eent, Indian River Coun EL AND SPECIFIC ROLE ipal in Charge by provide o surveillance system, as facility for Indian County Statistics eacility for Indian County Statistics eacility for Indian County Statistics eacility for Indian County Statistics cacility for Indian County Statistics eacility for Indian County Statistics eacility for Indian County Statistics cacility for Indian County Statistics eacility for Indian County Statistics eacility for Indian County Statistics cacility for Indian County Statistics eacility for Indian County Statistics cacility for Indian County Statistics eacility for Indian County Statistics cacility for Indian County Statistics	ty Ty Childing overvice well as a Sheriff's of II, Childing Childing adjustment Childing Chilli Childing Childing Childing	PROFESSIONAL SERVIC 2012 eck if project performe view of design access control sy fice. Project Cos PROFESSIONAL SERVIC 2011 eck if project performe system at the C turns, diffusers, ents and flexibilit PROFESSIONAL SERVI 2013 eck if project performe design Services for acDill Air Force I	(2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAR (2) YEAF (2)	e existing generator and is project. COMPLETED CONSTRUCTION (<i>If applicable</i>) 2013 rent firm 5 for SGM Engineering's esign for the new crime 000 COMPLETED CONSTRUCTION (<i>If applicable</i>) 2012 rent firm in Riviera Beach. All duct management system and ect Cost: \$325,000 RCOMPLETED CONSTRUCTION (<i>If applicable</i>) 2014 rrent firm nulti-phased Design-Build he facility is used for the

E. KI	ESUMES OF KEY PERSONNEL PR			
12 NAME	(Complete one Section E fe	or each key persor		4. YEARS EXPERIENCE
12. NAME			a. TOTAL	b. WITH CURRENT FIRM
David McGowan, P.E., LEED AP,	Project Manager		11	2
BEMP, CPMP			(dethicker	
15. FIRM NAME AND LOCATION (City and State) SGM Engineering, Inc., Deerfield	Beach, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)			ONAL REGISTRATION (STA	
Bachelor of Science, Mechanical	Engineering,	Florida #6976	68, LEED Accred	ited Professional,
University of Utah		Building Ener CPMP	gy Modeling Pr	ofessional, ASHRAE,
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications Affiliations: Member of the American S and USGBC	, Organizations, Training, Awards, etc.) ociety of Heating, Refrigerati	ng, and Air Condi	tioning Engineers,	Florida Engineering Society,
	19. RELEVANT F	PROJECTS		
(1) TITLE AND LOCATION (City and State)			the state of the s	COMPLETED CONSTRUCTION (If applicable)
Broward College, Art Display B	Building HVAC Upgrade,	, PRO	FESSIONAL SERVICES	
Davie, FL			2014	2014
a (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A		Check if proj	ect performed with curr	ent firm
Dave McGowan acted as Project Building at Broward College. This to meet the art department's sta	provided humidity contro	ol and provided	a design consisti t Cost: \$12,000	ng of a 3 ton split system
(1) TITLE AND LOCATION (City and State)		PBO	(2) YEAF	COMPLETED CONSTRUCTION (If applicable)
Indian River County Sheriff's C	Office, Indian River Cour	nty	2012	2013
Government, Vero Beach, FL		any second second second second second second	2012	2013
b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.)			ect performed with cur	
b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A Mr. McGowan, acting as Project control system design for the ne This project was performed under	Manager, provided modif ew crime scene lab and ev	ications to the ovidence holding	CCTV video surve g facility for India 10,000	illance system and access an County Sheriff's office.
b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Mr. McGowan, acting as Project control system design for the ne This project was performed unde (1) TITLE AND LOCATION (City and State)	Manager, provided modif ew crime scene lab and ev r a Continuing Contract. P	ications to the ovidence holding	CCTV video surve g facility for India 00,000 (2) YEAL	illance system and access an County Sheriff's office.
b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A Mr. McGowan, acting as Project control system design for the ne This project was performed under	Manager, provided modif ew crime scene lab and ev r a Continuing Contract. P	ications to the ovidence holding	CCTV video surve g facility for India 10,000 (2) YEAI VFESSIONAL SERVICES	illance system and access an County Sheriff's office. R COMPLETED CONSTRUCTION (If applicable)
 b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Mr. McGowan, acting as Project control system design for the ne This project was performed unde (1) TITLE AND LOCATION (City and State) Florida International University 	Manager, provided modif ew crime scene lab and ev r a Continuing Contract. Pr ty, Generator Study, Mi	roject Cost: \$40 ami, FL	CCTV video surve g facility for India 10,000 (2) YEAI SFESSIONAL SERVICES 2012	illance system and access an County Sheriff's office. R COMPLETED CONSTRUCTION (If applicable) n/a
 b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Mr. McGowan, acting as Project control system design for the ne This project was performed unde (1) TITLE AND LOCATION (City and State) Florida International University (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / 	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Pr ty, Generator Study, Mis AND SPECIFIC ROLE	roject Cost: \$40 ami, FL	CCTV video surve g facility for India 00,000 (2) YEAI (2)	illance system and access an County Sheriff's office. R COMPLETED CONSTRUCTION (<i>If applicable</i>) n/a rent firm
 b (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) A Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) Florida International Universit (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) A Dave acted as Project Manager fill 	Manager, provided modif ew crime scene lab and even ar a Continuing Contract. Pr ty, Generator Study, Mi AND SPECIFIC ROLE For the field survey and inv	ami, FL PRC	CCTV video surve g facility for India 10,000 (2) YEA (2) YEA (illance system and access an County Sheriff's office. R COMPLETED CONSTRUCTION (<i>If applicable</i>) n/a rent firm existing generators and its
 b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) Florida International University (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A Dave acted as Project Manager for respective fuel tanks at 29 varior 	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Pr ty, Generator Study, Mis AND SPECIFIC ROLE For the field survey and involus buildings on the FIU M	ami, FL Check if proj vestigation in o Modesto A. Ma	CCTV video surve g facility for India 10,000 (2) YEAD (2)	illance system and access an County Sheriff's office. R COMPLETED CONSTRUCTION (If applicable) n/a rent firm existing generators and its All data was prepared for
 b (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) A Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) Florida International Universit (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) A Dave acted as Project Manager fill 	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Pr ty, Generator Study, Mis AND SPECIFIC ROLE For the field survey and involus buildings on the FIU M	ami, FL Check if proj vestigation in o Modesto A. Ma	CCTV video surve g facility for India 10,000 (2) YEAD (2)	illance system and access an County Sheriff's office. R COMPLETED CONSTRUCTION (If applicable) n/a rent firm existing generators and its All data was prepared for
 b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) Florida International University (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A Dave acted as Project Manager for respective fuel tanks at 29 varior 	Manager, provided modif ew crime scene lab and ever a continuing Contract. Pro ty, Generator Study, Mis AND SPECIFIC ROLE For the field survey and involus buildings on the FIU M n order to provide the De	ami, FL Check if proj vestigation in o Modesto A. Ma	CCTV video surve g facility for India 10,000 (2) YEAD (2)	illance system and access an County Sheriff's office. R COMPLETED CONSTRUCTION (If applicable) n/a rent firm existing generators and its All data was prepared for
 b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) Florida International University c (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Dave acted as Project Manager f respective fuel tanks at 29 vario Florida International University i 	Manager, provided modif ew crime scene lab and ever a continuing Contract. Pro ty, Generator Study, Mis AND SPECIFIC ROLE For the field survey and involus buildings on the FIU M n order to provide the De	ami, FL PRC Check if proj vestigation in o Modesto A. Ma	CCTV video surve g facility for India (0,000 (2) YEA (2) YEA (2) YEA (2) YEA (2) YEA (2) YEA	Illance system and access an County Sheriff's office. R COMPLETED CONSTRUCTION (If applicable) n/a rent firm existing generators and its All data was prepared for ources Management with R COMPLETED
 b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) Florida International University (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A Dave acted as Project Manager f respective fuel tanks at 29 vario Florida International University i all requested information. Project 	Manager, provided modif ew crime scene lab and even ar a Continuing Contract. Pre ty, Generator Study, Mia AND SPECIFIC ROLE For the field survey and invo ous buildings on the FIU M n order to provide the De et Cost: \$13,600	ami, FL PRC Check if proj vestigation in o Vodesto A. Ma	CCTV video surve g facility for India 10,000 (2) YEA (2) YEA (2) YEA (2) YEA (2) YEA (2) YEA (2) YEA (2) YEA	Illance system and access an County Sheriff's office. CONSTRUCTION (<i>If applicable</i>) n/a rent firm existing generators and its All data was prepared for ources Management with R COMPLETED CONSTRUCTION (<i>If applicable</i>)
 b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) c (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A Dave acted as Project Manager f respective fuel tanks at 29 vario Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University i all requested information. Project 	Manager, provided modif ew crime scene lab and even ar a Continuing Contract. Pre ty, Generator Study, Mia AND SPECIFIC ROLE For the field survey and invo ous buildings on the FIU M n order to provide the De et Cost: \$13,600	ami, FL PRC Check if proj vestigation in o Vodesto A. Ma	CCTV video surve g facility for India (0,000 (2) YEA (2) YEA (2) YEA (2) YEA (2) YEA (2) YEA	Illance system and access an County Sheriff's office. R COMPLETED CONSTRUCTION (If applicable) n/a rent firm existing generators and its All data was prepared for ources Management with R COMPLETED
 b (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) A Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) Florida International University (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) A Dave acted as Project Manager f respective fuel tanks at 29 vario Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University Science Building, Miami, FL 	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Pro- ty, Generator Study, Mia and SPECIFIC ROLE For the field survey and invo- bus buildings on the FIU M n order to provide the De ext Cost: \$13,600 ty: Strobe Fans for Mari	ications to the ovidence holding roject Cost: \$40 ami, FL PRC Check if proj vestigation in o Modesto A. Ma epartment of En	CCTV video surve g facility for India 10,000 (2) YEA (2) YEA	Illance system and access an County Sheriff's office. R COMPLETED CONSTRUCTION (If applicable) n/a rent firm existing generators and its All data was prepared for ources Management with R COMPLETED CONSTRUCTION (If applicable) 2013
b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Mr. McGowan, acting as Project control system design for the new This project was performed under (1) TITLE AND LOCATION (City and State) Florida International University (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Dave acted as Project Manager frespective fuel tanks at 29 varior Florida International University in all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University (1) TITLE AND LOCATION (City and State) Florida International University (1) TITLE AND LOCATION (City and State) Florida International University (1) BRIEF DESCRIPTION (Brief scope, size, cost, etc.)	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Provide the field survey and involutions buildings on the FIU Monore to provide the Dest Cost: \$13,600 ty: Strobe Fans for Mari	ications to the ovidence holding roject Cost: \$40 ami, FL PRC Check if proj vestigation in o Viodesto A. Ma epartment of En ine PRC	CCTV video surve g facility for India 10,000 (2) YEA (2) YEA (All data was prepared for ources Management with R COMPLETED CONSTRUCTION (<i>If applicable</i>) n/a rent firm existing generators and its All data was prepared for ources Management with R COMPLETED CONSTRUCTION (<i>If applicable</i>) 2013 rent firm
b (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) / Mr. McGowan, acting as Project control system design for the net This project was performed under (1) TITLE AND LOCATION (City and State) Florida International University (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) / (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) / Dave acted as Project Manager frespective fuel tanks at 29 varior Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University i SCIENCE Building, Miami, FL d (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / SGM provided the evaluation of	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Pro- ty, Generator Study, Mia AND SPECIFIC ROLE For the field survey and involution ous buildings on the FIU M in order to provide the De et Cost: \$13,600 ty: Strobe Fans for Mari AND SPECIFIC ROLE the existing Marine Science	ications to the ovidence holding roject Cost: \$40 ami, FL PRC Check if proj vestigation in o Modesto A. Ma epartment of En ine PRC Check if proj ce Building's lab	CCTV video surve g facility for India 10,000 (2) YEA (2) YEA (illance system and access an County Sheriff's office. R COMPLETED CONSTRUCTION (<i>If applicable</i>) n/a rent firm existing generators and its All data was prepared for ources Management with R COMPLETED CONSTRUCTION (<i>If applicable</i>) 2013 rent firm I exhaust system and also
 b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) c (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A Dave acted as Project Manager f respective fuel tanks at 29 vario Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University Science Building, Miami, FL d (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A SGM provided the evaluation of provided design documents to response of the state of the	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Pro- ty, Generator Study, Mia AND SPECIFIC ROLE For the field survey and involution ous buildings on the FIU M n order to provide the De ext Cost: \$13,600 ty: Strobe Fans for Mari AND SPECIFIC ROLE the existing Marine Science eplace three existing Strol	ications to the ovidence holding roject Cost: \$40 ami, FL PRC Check if proj vestigation in o Modesto A. Ma epartment of En ine PRC Check if proj ce Building's lab	CCTV video surve g facility for India 10,000 (2) YEA (2) YEA (illance system and access an County Sheriff's office. R COMPLETED CONSTRUCTION (<i>If applicable</i>) n/a rent firm existing generators and its All data was prepared for ources Management with R COMPLETED CONSTRUCTION (<i>If applicable</i>) 2013 rent firm I exhaust system and also
 b (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) / Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) Florida International University (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Dave acted as Project Manager f respective fuel tanks at 29 vario Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University i all requested information. Project (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Science Building, Miami, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / SGM provided the evaluation of provided design documents to r acted as Project Manager. Project 	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Pro- ty, Generator Study, Mia AND SPECIFIC ROLE For the field survey and involution ous buildings on the FIU M n order to provide the De ext Cost: \$13,600 ty: Strobe Fans for Mari AND SPECIFIC ROLE the existing Marine Science eplace three existing Strol	ications to the ovidence holding roject Cost: \$40 ami, FL PRC Check if proj vestigation in o Modesto A. Ma epartment of En ine PRC Check if proj ce Building's lab	CCTV video surve g facility for India 00,000 (2) YEAI (2) YEAI (2) YEAI (2) YEAI (2) YEAI (2) YEAI (2) YEAI (2) YEA (2) YEAI (2) Y	All data was prepared for ources Management with construction (<i>If applicable</i>) n/a rent firm existing generators and its All data was prepared for ources Management with construction (<i>If applicable</i>) 2013 rent firm I exhaust system and also emical exhaust fans. Dave
 b (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) A Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) Florida International University (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) A Dave acted as Project Manager f respective fuel tanks at 29 vario Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University i Science Building, Miami, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A SGM provided the evaluation of provided design documents to re acted as Project Manager. Project (1) TITLE AND LOCATION (City and State) 	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Pro- ty, Generator Study, Mia AND SPECIFIC ROLE For the field survey and involution ous buildings on the FIU M in order to provide the Dest to cost: \$13,600 ty: Strobe Fans for Mari AND SPECIFIC ROLE the existing Marine Science eplace three existing Strol ct Cost: \$545,271	ications to the ovidence holding roject Cost: \$40 ami, FL PRC Check if proj vestigation in o Modesto A. Ma epartment of En ine PRC Check if proj ce Building's lab bic fans with ne	CCTV video surve g facility for India 00,000 (2) YEAI (2) YEAI (2) YEAI ect performed with cur rder to identify e idique campus. A vironmental Res (2) YEA (2) YEA ect performed with cur poratory chemica ew laboratory che (2) YEA	All data was prepared for ources Management with CONSTRUCTION (If applicable) n/a rent firm existing generators and its All data was prepared for ources Management with CONSTRUCTION (If applicable) 2013 rent firm I exhaust system and also emical exhaust fans. Dave
 b (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) / Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) Florida International Universit (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Dave acted as Project Manager f respective fuel tanks at 29 vario Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University i all requested information. Project (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Science Building, Miami, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / SGM provided the evaluation of provided design documents to r acted as Project Manager. Project 	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Pro- ty, Generator Study, Mia AND SPECIFIC ROLE For the field survey and involution ous buildings on the FIU M in order to provide the Dest to cost: \$13,600 ty: Strobe Fans for Mari AND SPECIFIC ROLE the existing Marine Science eplace three existing Strol ct Cost: \$545,271	ications to the ovidence holding roject Cost: \$40 ami, FL PRC Check if proj vestigation in o Modesto A. Ma epartment of En ine PRC Check if proj ce Building's lab bic fans with ne	CCTV video surve g facility for India 00,000 (2) YEAI (2) YEAI (2) YEAI (2) YEAI (2) YEAI (2) YEA (2) YEA	All data was prepared for ources Management with CONSTRUCTION (If applicable) n/a rent firm existing generators and its All data was prepared for ources Management with CONSTRUCTION (If applicable) 2013 rent firm I exhaust system and also emical exhaust fans. Dave R COMPLETED CONSTRUCTION (If applicable)
 b (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) A Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) Florida International University (3) BRIEF DESCRIPTION (Brief scape, size, cost, etc.) A Dave acted as Project Manager f respective fuel tanks at 29 vario Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University i Science Building, Miami, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A SGM provided the evaluation of provided design documents to re acted as Project Manager. Project (1) TITLE AND LOCATION (City and State) 	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Pro- ty, Generator Study, Mia AND SPECIFIC ROLE For the field survey and involution ous buildings on the FIU M in order to provide the Dest to cost: \$13,600 ty: Strobe Fans for Mari AND SPECIFIC ROLE the existing Marine Science eplace three existing Strol ct Cost: \$545,271	ications to the ovidence holding roject Cost: \$40 ami, FL PRC Check if proj vestigation in o Modesto A. Ma epartment of En ine PRC Check if proj ce Building's lab bic fans with ne	CCTV video surve g facility for India 00,000 (2) YEAI (2) YEAI (2) YEAI ect performed with cur rder to identify e idique campus. A vironmental Res (2) YEA (2) YEA ect performed with cur poratory chemica ew laboratory che (2) YEA	All data was prepared for ources Management with CONSTRUCTION (If applicable) n/a rent firm existing generators and its All data was prepared for ources Management with CONSTRUCTION (If applicable) 2013 rent firm I exhaust system and also emical exhaust fans. Dave
 b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) Florida International University (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Dave acted as Project Manager f respective fuel tanks at 29 vario Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University i all requested information. Project (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / SGM provided the evaluation of provided design documents to r acted as Project Manager. Project (1) TITLE AND LOCATION (City and State) Florida International University Generator, Miami, FL 	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Pro- ty, Generator Study, Mile AND SPECIFIC ROLE For the field survey and involution buildings on the FIU M in order to provide the De- et Cost: \$13,600 ty: Strobe Fans for Mari AND SPECIFIC ROLE the existing Marine Science eplace three existing Strol et Cost: \$545,271 ty, Engineering Center	ications to the ovidence holding roject Cost: \$40 ami, FL PRC Check if proj vestigation in o Viodesto A. Ma epartment of En ine PRC Check if proj ce Building's lak bic fans with ne	CCTV video surve g facility for India 00,000 (2) YEA (2) YEA (All data was prepared for ources Management with CONSTRUCTION (If applicable) n/a rent firm existing generators and its All data was prepared for ources Management with CONSTRUCTION (If applicable) 2013 rent firm I exhaust system and also emical exhaust fans. Dave R COMPLETED CONSTRUCTION (If applicable) 2013
 b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) Florida International University (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Dave acted as Project Manager f respective fuel tanks at 29 vario Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University Science Building, Miami, FL d (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / SGM provided the evaluation of provided design documents to r acted as Project Manager. Project (1) TITLE AND LOCATION (City and State) Florida International University SGM provided the evaluation of provided design documents to r acted as Project Manager. Project (1) TITLE AND LOCATION (City and State) Florida International University acted as Project Manager. Project (1) TITLE AND LOCATION (City and State) Florida International University Generator, Miami, FL e (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) 	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Pro- ty, Generator Study, Mia AND SPECIFIC ROLE For the field survey and involution ous buildings on the FIU M in order to provide the De- et Cost: \$13,600 ty: Strobe Fans for Mari AND SPECIFIC ROLE the existing Marine Science eplace three existing Strol et Cost: \$545,271 ty, Engineering Center	ications to the ovidence holding roject Cost: \$40 ami, FL PRC Check if proj vestigation in o Vodesto A. Ma epartment of En ine PRC Check if proj ce Building's lak bic fans with ne	CCTV video surve g facility for India 10,000 (2) YEAI (2) YEAI (2) YEAI (2) YEA (2) YE	illance system and access an County Sheriff's office. R COMPLETED CONSTRUCTION (<i>If applicable</i>) n/a rent firm existing generators and its All data was prepared for ources Management with R COMPLETED CONSTRUCTION (<i>If applicable</i>) 2013 rent firm I exhaust system and also emical exhaust fans. Dave R COMPLETED CONSTRUCTION (<i>If applicable</i>) 2013 rent firm
b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Mr. McGowan, acting as Project control system design for the ner This project was performed under (1) TITLE AND LOCATION (City and State) Florida International University (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / C (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Dave acted as Project Manager frespective fuel tanks at 29 varior Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University SGM provided the evaluation of provided design documents to reacted as Project Manager. Project (1) TITLE AND LOCATION (City and State) Florida International University SGM provided the evaluation of provided design documents to reacted as Project Manager. Project (1) TITLE AND LOCATION (City and State) Florida International University Generator, Miami, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / SGM provided MEP/P design for	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Pro- ty, Generator Study, Mile AND SPECIFIC ROLE For the field survey and involution buildings on the FIU M in order to provide the De et Cost: \$13,600 ty: Strobe Fans for Mari AND SPECIFIC ROLE the existing Marine Science eplace three existing Strol et Cost: \$545,271 ty, Engineering Center	ications to the ovidence holding roject Cost: \$40 ami, FL PRC Check if proj vestigation in o Vodesto A. Ma epartment of En ine PRC Check if proj ce Building's lak bic fans with ne Check if proj check if proj ce Building's lak	CCTV video surve g facility for India 10,000 (2) YEAI (2) YEAI (2) YEAI (2) YEA (2) YE	All data was prepared for COMPLETED CONSTRUCTION (If applicable) n/a rent firm existing generators and its All data was prepared for ources Management with R COMPLETED CONSTRUCTION (If applicable) 2013 rent firm I exhaust system and also emical exhaust fans. Dave R COMPLETED CONSTRUCTION (If applicable) 2013 rent firm I exhaust system and also emical exhaust fans. Dave R COMPLETED CONSTRUCTION (If applicable) 2013 rent firm hot sync controller at FIL
 b (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Mr. McGowan, acting as Project control system design for the ne This project was performed under (1) TITLE AND LOCATION (City and State) Florida International University (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / Dave acted as Project Manager f respective fuel tanks at 29 vario Florida International University i all requested information. Project (1) TITLE AND LOCATION (City and State) Florida International University Science Building, Miami, FL d (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) / SGM provided the evaluation of provided design documents to r acted as Project Manager. Project (1) TITLE AND LOCATION (City and State) Florida International University SGM provided the evaluation of provided design documents to r acted as Project Manager. Project (1) TITLE AND LOCATION (City and State) Florida International University acted as Project Manager. Project (1) TITLE AND LOCATION (City and State) Florida International University Generator, Miami, FL e (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) 	Manager, provided modif ew crime scene lab and ever a Continuing Contract. Provide the Contract of the test of the test of the test of the field survey and involves buildings on the FIU Monoral of the test of test of the test of test	ications to the ovidence holding roject Cost: \$40 ami, FL PRC Check if proj vestigation in o Vodesto A. Ma epartment of En ine PRC Check if proj ce Building's lak bic fans with ne Check if proj check if proj ce Building's lak	CCTV video surve g facility for India 10,000 (2) YEAI (2) YEAI (2) YEAI (2) YEA (2) YE	All data was prepared for COMPLETED CONSTRUCTION (If applicable) n/a rent firm existing generators and its All data was prepared for ources Management with R COMPLETED CONSTRUCTION (If applicable) 2013 rent firm I exhaust system and also emical exhaust fans. Dave R COMPLETED CONSTRUCTION (If applicable) 2013 rent firm I exhaust system and also emical exhaust fans. Dave R COMPLETED CONSTRUCTION (If applicable) 2013 rent firm hot sync controller at FIL

	(Complete one Section E		or THIS CONTRACT	
12. NAME	13. ROLE IN THIS CONTRACT	,,	2.2	14. YEARS EXPERIENCE
Mark Escott, P.E., CxA, LEED AP	Electrical Engineer		a. TOTAL	b. WITH CURRENT FIRM
5. FIRM NAME AND LOCATION (City and State)		<u>с с</u>		
GGM Engineering, Inc., Deerfield	Beach, FL			
6. EDUCATION (DEGREE AND SPECIALIZATION)			PROFESSIONAL REGISTRATION (ST	
Bachelor of Science, Electrical Eng of South Florida			d Commissioning Ag	gineer – FL #50737; ACG gent; LEED Accredited
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Affiliations: Florida Chapter of Electrical Construction Industry Standards, Florida Fraining; SGM Engineering's Electrical Determine (Page 1998)	Inspectors Grounding; Amo Building Code Administrati epartment Manager	ve Core Tra	lers; Project Manageme ining; Automatic Fire Al	nt. Training includes: OSHA arm Association NFPA 72
	19. RELEVANT	PROJECTS	(2) 10	
(1) TITLE AND LOCATION (City and State) Indian River County Governme Sheriff's Office, Vero Beach, Fl		ÿ	PROFESSIONAL SERVICES	AR COMPLETED CONSTRUCTION (If applicable) 2013
 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A Mark Escott, acting as an Electr modifications to the CCTV video and evidence holding facility. This (1) TITLE AND LOCATION (City and State) 	ical Engineer, oversaw surveillance system and	the Electr access co	ntrol system design fo ontinuing Contract. Pro	nts for SGM Engineering or the new crime scene la oject Cost: \$400,000
Orange County Government, (Relocation, Orlando, FL	Courthouse Evidence R	oom	PROFESSIONAL SERVICES 2010	CONSTRUCTION (If applicable)
^b SGM provided full MEP engineeri Courthouse. Mark's scope of wor resolution CCTV (video surveillan intrusion detection systems. Proj	k included full system de ce at strategic points of	esign inclu	ding access control wi	th proximity scanners, hig
(1) TITLE AND LOCATION (City and State)				EAR COMPLETED CONSTRUCTION (If applicable)
Orange County Government, I	Fire Station #36, #66, a	nd #76,	PROFESSIONAL SERVICES 2009	
Orlando, FL				2010
c (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A SGM provided full MEP/FP er Government's Fire Stations #36, transfer switch system at the Fire	ngineering design servio #66, and #76. SGM's s	ces for t cope inclu	uded the removal of rical Engineer for this	urrent firm ement at Orange Count the existing generator ar project. Project Cost: 1.5N
 c (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A SGM provided full MEP/FP er Government's Fire Stations #36, transfer switch system at the Fire (1) TITLE AND LOCATION (City and State) 	ngineering design servio #66, and #76. SGM's s Stations. Mr. Escott acte	ces for t cope inclu	he generator replac uded the removal of rical Engineer for this	urrent firm ement at Orange Coun the existing generator ar
 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) P SGM provided full MEP/FP er Government's Fire Stations #36, transfer switch system at the Fire 	ngineering design servio #66, and #76. SGM's s Stations. Mr. Escott acte	ces for t cope inclu ed as Elect	he generator replac uded the removal of rical Engineer for this (2) Y PROFESSIONAL SERVICES 2010	urrent firm ement at Orange Coun the existing generator an project. Project Cost: 1.5I EAR COMPLETED CONSTRUCTION (If applicable) 2011
 c (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A SGM provided full MEP/FP er Government's Fire Stations #36, transfer switch system at the Fire (1) TITLE AND LOCATION (City and State) Town of Palm Beach, Street/S Palm Beach, FL d (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A SGM replaced the existing light p SGM removed existing conducto conductors were installed in its p 	ngineering design servio #66, and #76. SGM's s Stations. Mr. Escott acter ite Lighting, AND SPECIFIC ROLE oles with new fixtures/pours that did not have end	ces for t cope inclued as Elect	he generator replac uded the removal of rical Engineer for this (2) Y PROFESSIONAL SERVICES 2010 eck if project performed with o connected them to an o to provide connectio Engineer for this project	urrent firm ement at Orange Coun the existing generator ar project. Project Cost: 1.5 EAR COMPLETED CONSTRUCTION (If applicable) 2011 current firm existing circuit. Additional n to the new pull-box; ne ect. Project Cost: \$1.6M
 c (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A SGM provided full MEP/FP er Government's Fire Stations #36, transfer switch system at the Fire (1) TITLE AND LOCATION (City and State) Town of Palm Beach, Street/S Palm Beach, FL d (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A SGM replaced the existing light p SGM removed existing conducto conductors were installed in its p (1) TITLE AND LOCATION (City and State) 	ngineering design servio #66, and #76. SGM's s Stations. Mr. Escott acter ite Lighting, AND SPECIFIC ROLE oles with new fixtures/po rs that did not have end lace. Mark acted as Lead	ces for t cope inclued as Elect	he generator replac uded the removal of rical Engineer for this (2) Y PROFESSIONAL SERVICES 2010 eck if project performed with o connected them to an o to provide connectio Engineer for this project (2) Y	urrent firm ement at Orange Coun the existing generator ar project. Project Cost: 1.5 EAR COMPLETED CONSTRUCTION (<i>If applicable</i>) 2011 current firm existing circuit. Additional n to the new pull-box; ne ect. Project Cost: \$1.6M EAR COMPLETED
 c (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A SGM provided full MEP/FP er Government's Fire Stations #36, transfer switch system at the Fire (1) TITLE AND LOCATION (City and State) Town of Palm Beach, Street/S Palm Beach, FL d (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) A SGM replaced the existing light p SGM removed existing conducto conductors were installed in its p 	ngineering design servio #66, and #76. SGM's s Stations. Mr. Escott acter ite Lighting, AND SPECIFIC ROLE oles with new fixtures/po rs that did not have end lace. Mark acted as Lead	ces for t cope inclued as Elect	he generator replac uded the removal of rical Engineer for this (2) Y PROFESSIONAL SERVICES 2010 eck if project performed with o connected them to an o to provide connectio Engineer for this project	urrent firm ement at Orange Coun the existing generator ar project. Project Cost: 1.5N EAR COMPLETED CONSTRUCTION (If applicable) 2011 current firm existing circuit. Additional n to the new pull-box; ne ect. Project Cost: \$1.6M

	E.	RESUMES OF KEY PERSONNEL P (Complete one Section E			NTRACT	
	NAME stin Mundell, P.E., RCDD	13. ROLE IN THIS CONTRACT Electrical Engineer -			a. TOTAL	4. YEARS EXPERIENCE b. WITH CURRENT FIRM
		and Security		11	7	
	FIRM NAME AND LOCATION (City and State)	d Beach, FL				
16. Ba	EDUCATION (DEGREE AND SPECIALIZATION) achelor of Science, Electrical E Central Florida		Register	ed Prof		re and discipline) neer – FL #70700 FL; Distribution Designer
18.	OTHER PROFESSIONAL QUALIFICATIONS (Publication filiations: Florida Engineering Socie					
_		19. RELEVAN	T PROJECTS		(2) YEAF	R COMPLETED
	(1) TITLE AND LOCATION (<i>City and State</i>) Indian River County Govern Sheriff's Office, Vero Beach,			in der	AL SERVICES	CONSTRUCTION (If applicable) 2013
а	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc Mr. Mundell, Electrical Enginee surveillance system and access Indian County Sheriff's office. included the design for the ins Project Cost: \$400,000	er – Systems, Audio, and Se control system design for This project was performe	ecurity Engi r the new cr ed under a	neer, pro rime scer Continui	ne lab and evi ing Contract. veillance syste	cations to the CCTV video idence holding facility for Justin's scope of services ems 360 degree cameras.
	(1) TITLE AND LOCATION (City and State) City of Riviera Beach HVAC F Riviera Beach, FL	Replacement at City Hall	l,		(2) YEAI IAL SERVICES 2011	R COMPLETED CONSTRUCTION (If applicable) 2012
b	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc Justin acted as Electrical Engine at City Hall. The goal of this strategic redundancy for comm	eer – Systems, Audio, and project was to reduce the	Security En e number c	gineer fo of HVAC	systems from	ment of the HVAC system
	(1) TITLE AND LOCATION (City and State) Orange County Government Orlando, FL	t, Fire Station #36, #66, a	and #76,		(2) YEA VAL SERVICES 2009	R COMPLETED CONSTRUCTION (If applicable) 2010
с	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc SGM provided full MEP/FP Government's Fire Stations #3 transfer switch system at the F Engineer for this project. Proje	engineering design servi 36, #66, and #76. SGM's s Fire Stations. Mr. Mundell	ices for th scope inclue	e gener ded the	removal of th	ment at Orange County ne existing generator and
e em al la gran	(1) TITLE AND LOCATION (<i>City and State</i>) Town of Palm Beach, Street	/Site Lighting, Palm Bea	ich, FL		(2) YEA NAL SERVICES 2010	R COMPLETED CONSTRUCTION (If applicable) 2011
d	(3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM replaced the existing I Additionally, SGM removed ex pull-box; new conductors we Security Engineer for this proje	ight poles with new fix (isting conductors that did re installed in its place.	tures/poles	and co enough s	slack to provid strical Enginee	m to an existing circuit de connection to the new er – Systems, Audio, and
	(1) TITLE AND LOCATION (City and State) Florida International Univer Science Building, Miami, FL	rsity: Strobe Fans for Ma		e (2012	R COMPLETED CONSTRUCTION (If applicable) 2013
e	(3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided the evaluation of provided design documents to acted as Electrical Engineer – S	of the existing Marine Scie replace three existing Str	ence Buildin obic fans w	g's labor ith new	laboratory che	al exhaust system and also emical exhaust fans. Justir

	E.	RESUMES OF KEY PERSONNE			
12	. NAME	(Complete one Section 13. ROLE IN THIS CONTRACT	n e jor each ke	y person.y	14. YEARS EXPERIENCE
	ohn Ball, P.E., LEED AP	Mechanical Engin	eer	a. TOTAL	b. WITH CURRENT FIRM
		U		16	1
	. FIRM NAME AND LOCATION (City and State)				
	GM Engineering, Inc., Deerfie . EDUCATION (DEGREE AND SPECIALIZATION)	Id Beach, FL		PROFESSIONAL REGISTRATION (S7	TATE AND DISCIPLINE
	achelor of Science, Mechanica	al Engineering,		red Professional Eng	
N	lississippi State University, 19	97	LEED A	ccredited Profession	al
A	OTHER PROFESSIONAL QUALIFICATIONS (Publicati ffiliations: Member of the Ameri pociety; National Protection Associati	can Society of Heating, R	lefrigerating,		
		19. RELEVA	ANT PROJECTS		
	(1) TITLE AND LOCATION (City and State)			(2) YEA	AR COMPLETED CONSTRUCTION (If applicable)
	Valencia College, Park Place MEP Services, Orlando, FL	Office Building Renov		2013	2014
а	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc			ck if project performed with cu	
d	John Ball acted as Mechanical				
	serve as Valencia College's adn				
	condition of building MEP sy		ed a report	including a probable	e cost estimate for each
	component of the system. Proj	ect Cost: \$5.8M		E	AD COMPLETED
	(1) TITLE AND LOCATION (City and State)	Puilding HVAC Lingra	do	PROFESSIONAL SERVICES	AR COMPLETED CONSTRUCTION (If applicable)
	Broward College, Art Displa Davie, FL	y Building HVAC Opgra	ide,	2014	2014
	John Ball acted as Mechanical Building at Broward College. The to meet the art department's s	his provided humidity co	ntrol and pro	ovided a design consis	
	(1) TITLE AND LOCATION (City and State)		and the second second	(2) YE PROFESSIONAL SERVICES	AR COMPLETED CONSTRUCTION (If applicable)
	MacDill Air Force Base, 6 th C			2013	2014
	Demo/Consol, CE Storage Fa	acilities, Lampa, FL			
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, et	c.) AND SPECIFIC ROLE		l eck if project performed with cu	
с	(3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural	c.) AND SPECIFIC ROLE , Architectural, MEP/FP	design Servio	ces for this multi-phas	ed Design-Build project as
с	(3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural part of a Multiple Award (c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract ;	design Servio at MacDill	ces for this multi-phas Air Force Base. The	ed Design-Build project as facility is used for the
с	(3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural part of a Multiple Award (storage/maintenance of lands	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and	design Servio at MacDill lawn equipn	ces for this multi-phas Air Force Base. The nent serving the ent	ed Design-Build project as facility is used for the ire base. John acted as
с	(3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this pr	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and	design Servio at MacDill lawn equipn	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M
c	(3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this pu (1) TITLE AND LOCATION (City and State)	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and roject and oversaw all of	design Servio at MacDill lawn equipn the design a	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume (2) YE	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M AR COMPLETED
c	(3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this pu (1) TITLE AND LOCATION (City and State) Citrus Elementary School H	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and roject and oversaw all of VAC Upgrade, School	design Servio at MacDill lawn equipn the design a	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume (2) YE PROFESSIONAL SERVICES	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M
c	(3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this pr (1) TITLE AND LOCATION (City and State) Citrus Elementary School H Indian River County, Vero B	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and roject and oversaw all of VAC Upgrade, School I each, FL	design Servic at MacDill lawn equipn the design a District of	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume (2) YE PROFESSIONAL SERVICES 2013	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M AR COMPLETED CONSTRUCTION (If applicable) 2014
c d	(3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this pr (1) TITLE AND LOCATION (City and State) Citrus Elementary School H Indian River County, Vero B (3) BRIEF DESCRIPTION (Brief scope, size, cost, et	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and roject and oversaw all of VAC Upgrade, School I each, FL c.) AND SPECIFIC ROLE	design Servic at MacDill lawn equipn the design a District of	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume (2) YE PROFESSIONAL SERVICES 2013 eck if project performed with co	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M AR COMPLETED CONSTRUCTION (If applicable) 2014 urrent firm
	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this pi (1) TITLE AND LOCATION (City and State) (1) TITLE AND LOCATION (City and State) (3) BRIEF DESCRIPTION (Brief scope, size, cost, et John Ball, as Lead Mechanical 	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and roject and oversaw all of VAC Upgrade, School I each, FL c.) AND SPECIFIC ROLE Engineer, is responsible	design Servic at MacDill lawn equipn the design a District of Che for the HVAC	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume (2) YE PROFESSIONAL SERVICES 2013 eck if project performed with co C Upgrade at Citrus Elec	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M AR COMPLETED CONSTRUCTION (If applicable) 2014 Jurrent firm ementary School. SGM was
	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this print (1) TITLE AND LOCATION (City and State) (1) TITLE AND LOCATION (City and State) Citrus Elementary School H Indian River County, Vero B (3) BRIEF DESCRIPTION (Brief scope, size, cost, et John Ball, as Lead Mechanical responsible for the MEP design 	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and roject and oversaw all of VAC Upgrade, School I each, FL c.) AND SPECIFIC ROLE Engineer, is responsible of for the relocation of the	design Servic at MacDill / lawn equipm the design a District of District of for the HVAC e existing HV/	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume (2) YE PROFESSIONAL SERVICES 2013 cck if project performed with cu C Upgrade at Citrus Ele AC/ Mechanical, includ	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M AR COMPLETED CONSTRUCTION (If applicable) 2014 urrent firm ementary School. SGM was ling the pump room and its
	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural, part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this pri (1) TITLE AND LOCATION (City and State) Citrus Elementary School H Indian River County, Vero B (3) BRIEF DESCRIPTION (Brief scope, size, cost, et John Ball, as Lead Mechanical responsible for the MEP design equipment. This project include 	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and roject and oversaw all of VAC Upgrade, School each, FL c.) AND SPECIFIC ROLE Engineer, is responsible for the relocation of the led the demolition of ex	design Servic at MacDill lawn equipm the design a District of Market Che for the HVAC e existing HV/ isting mecha	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume (2) YE PROFESSIONAL SERVICES 2013 cck if project performed with cu C Upgrade at Citrus Ele AC/ Mechanical, includ	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M AR COMPLETED CONSTRUCTION (If applicable) 2014 urrent firm ementary School. SGM was ling the pump room and its
	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this pri (1) TITLE AND LOCATION (City and State) Citrus Elementary School H Indian River County, Vero B (3) BRIEF DESCRIPTION (Brief scope, size, cost, et John Ball, as Lead Mechanical responsible for the MEP design equipment. This project includ underground chilled water pipe 	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and roject and oversaw all of VAC Upgrade, School each, FL c.) AND SPECIFIC ROLE Engineer, is responsible for the relocation of the led the demolition of ex	design Servic at MacDill lawn equipm the design a District of Market Che for the HVAC e existing HV/ isting mecha	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume (2) YE PROFESSIONAL SERVICES 2013 eck if project performed with cu C Upgrade at Citrus Ele AC/ Mechanical, includ nical room, new mech	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M AR COMPLETED CONSTRUCTION (If applicable) 2014 Jurrent firm ementary School. SGM was ling the pump room and its nanical room, and re-route
	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this pri (1) TITLE AND LOCATION (City and State) (1) TITLE AND LOCATION (City and State) (3) BRIEF DESCRIPTION (Brief scope, size, cost, et John Ball, as Lead Mechanical responsible for the MEP design equipment. This project includ underground chilled water pipi (1) TITLE AND LOCATION (City and State) 	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and roject and oversaw all of VAC Upgrade, School I each, FL c.) AND SPECIFIC ROLE Engineer, is responsible of for the relocation of the led the demolition of ex ing. Project Cost: \$54,26	design Servic at MacDill / lawn equipm the design a District of Che for the HVAC e existing HV/ isting mecha 4	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume (2) YE PROFESSIONAL SERVICES 2013 eck if project performed with cu C Upgrade at Citrus Ele AC/ Mechanical, includ nical room, new mech	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M AR COMPLETED CONSTRUCTION (If applicable) 2014 urrent firm ementary School. SGM was ling the pump room and its
	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this pro- (1) TITLE AND LOCATION (City and State) (1) TITLE AND LOCATION (City and State) (3) BRIEF DESCRIPTION (Brief scope, size, cost, et John Ball, as Lead Mechanical responsible for the MEP design equipment. This project includ underground chilled water pipin (1) TITLE AND LOCATION (City and State) Florida International University 	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and roject and oversaw all of VAC Upgrade, School I each, FL c.) AND SPECIFIC ROLE Engineer, is responsible of for the relocation of the led the demolition of ex ing. Project Cost: \$54,26	design Servic at MacDill / lawn equipm the design a District of Che for the HVAC e existing HV/ isting mecha 4	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume (2) YE PROFESSIONAL SERVICES 2013 eck if project performed with cu C Upgrade at Citrus Ele AC/ Mechanical, includ nical room, new mech	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M AR COMPLETED CONSTRUCTION (If applicable) 2014 urrent firm ementary School. SGM was ing the pump room and its nanical room, and re-route
	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural, part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this pr (1) TITLE AND LOCATION (City and State) Citrus Elementary School H Indian River County, Vero B (3) BRIEF DESCRIPTION (Brief scope, size, cost, et John Ball, as Lead Mechanical responsible for the MEP design equipment. This project includ underground chilled water pipi (1) TITLE AND LOCATION (City and State) Florida International Univer Miami, FL 	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and roject and oversaw all of VAC Upgrade, School I each, FL c.) AND SPECIFIC ROLE Engineer, is responsible of for the relocation of the led the demolition of ex ing. Project Cost: \$54,26 rsity, Satellite Chiller P	design Servic at MacDill lawn equipm the design a District of Market Che for the HVAC e existing HV/ isting mecha 4 lant,	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume (2) YE PROFESSIONAL SERVICES 2013 eck if project performed with cu C Upgrade at Citrus Ele AC/ Mechanical, includ nical room, new mech (2) YE PROFESSIONAL SERVICES 2013	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M AR COMPLETED CONSTRUCTION (If applicable) 2014 urrent firm ementary School. SGM was ing the pump room and its nanical room, and re-route AR COMPLETED CONSTRUCTION (If applicable) 2013
	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural, part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this pr (1) TITLE AND LOCATION (City and State) (1) TITLE AND LOCATION (City and State) (3) BRIEF DESCRIPTION (Brief scope, size, cost, et John Ball, as Lead Mechanical responsible for the MEP design equipment. This project includ underground chilled water pipi (1) TITLE AND LOCATION (City and State) (3) Florida International Univer Miami, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, et d) BRIEF DESCRIPTION (Brief scope, size, cost, et d) 	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and roject and oversaw all of VAC Upgrade, School I each, FL c.) AND SPECIFIC ROLE Engineer, is responsible of for the relocation of the led the demolition of ex ing. Project Cost: \$54,26 rsity, Satellite Chiller P	design Servic at MacDill lawn equipm the design a District of Che for the HVAC e existing HV/ isting mecha 4 lant, Che	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume (2) YE PROFESSIONAL SERVICES 2013 eck if project performed with cu C Upgrade at Citrus Ele AC/ Mechanical, includ nical room, new mech (2) YE PROFESSIONAL SERVICES 2013 eck if project performed with cu	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M AR COMPLETED CONSTRUCTION (If applicable) 2014 urrent firm ementary School. SGM was ling the pump room and its nanical room, and re-route AR COMPLETED CONSTRUCTION (If applicable) 2013 urrent firm
d	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural, part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this pri- (1) TITLE AND LOCATION (City and State) (1) TITLE AND LOCATION (City and State) (3) BRIEF DESCRIPTION (Brief scope, size, cost, et John Ball, as Lead Mechanical responsible for the MEP design equipment. This project includ underground chilled water pipi (1) TITLE AND LOCATION (City and State) Florida International Univer Miami, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, et John acted as Mechanical Engi 	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and roject and oversaw all of VAC Upgrade, School I each, FL c.) AND SPECIFIC ROLE Engineer, is responsible of for the relocation of the led the demolition of ex ing. Project Cost: \$54,26 rsity, Satellite Chiller P c.) AND SPECIFIC ROLE neer for the design a ne	design Servic at MacDill / lawn equipm the design a District of Che for the HVAC e existing MV/ isting mecha 4 lant, Che w satellite ut	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume (2) YE PROFESSIONAL SERVICES 2013 eck if project performed with cu C Upgrade at Citrus Ele AC/ Mechanical, includ nical room, new mech (2) YE PROFESSIONAL SERVICES 2013 eck if project performed with cu tility plant on the Flori	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M AR COMPLETED CONSTRUCTION (If applicable) 2014 urrent firm ementary School. SGM was ling the pump room and its nanical room, and re-route AR COMPLETED CONSTRUCTION (If applicable) 2013 urrent firm da International University
d	 (3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided Civil, Structural, part of a Multiple Award (storage/maintenance of lands Mechanical Engineer for this pr (1) TITLE AND LOCATION (City and State) (1) TITLE AND LOCATION (City and State) (3) BRIEF DESCRIPTION (Brief scope, size, cost, et John Ball, as Lead Mechanical responsible for the MEP design equipment. This project includ underground chilled water pipi (1) TITLE AND LOCATION (City and State) (3) Florida International Univer Miami, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, et d) BRIEF DESCRIPTION (Brief scope, size, cost, et d) 	c.) AND SPECIFIC ROLE , Architectural, MEP/FP Construction Contract a scaping machines and roject and oversaw all of VAC Upgrade, School I each, FL c.) AND SPECIFIC ROLE Engineer, is responsible for the relocation of the led the demolition of ex ing. Project Cost: \$54,26 rsity, Satellite Chiller P rc.) AND SPECIFIC ROLE meer for the design a ne in was designed to acco	design Servic at MacDill lawn equipm the design a District of Che for the HVAC e existing HV/ isting mecha 4 lant, Che w satellite ut ommodate fu	ces for this multi-phas Air Force Base. The nent serving the ent nd reviews all docume (2) YE PROFESSIONAL SERVICES 2013 eck if project performed with cu C Upgrade at Citrus Ele AC/ Mechanical, includ nical room, new mech (2) YE PROFESSIONAL SERVICES 2013 eck if project performed with cu tility plant on the Flori uture chilled water an	ed Design-Build project as facility is used for the ire base. John acted as nts. Project Cost: \$1.2M AR COMPLETED CONSTRUCTION (If applicable) 2014 urrent firm ementary School. SGM was ling the pump room and its nanical room, and re-route AR COMPLETED CONSTRUCTION (If applicable) 2013 urrent firm da International University id condenser water piping

	E.	RESUMES OF KEY PERSONNEL P (Complete one Section E				
12	NAME	13. ROLE IN THIS CONTRACT			14. YEARS EXPERIENCE	
	en Fauser, P.E., LEED AP	Mechanical Enginee	r	a. TOTAL 11	b. WITH CURRENT FIRM	
	FIRM NAME AND LOCATION (City and State)					
	SM Engineering, Inc., Deerfiel	d Beach, FL	17 CURREN	T PROFESSIONAL REGISTRATIO	N (STATE AND DISCIPLINE)	n
Ba	education (<i>degree and specialization</i>) achelor of Science, Mechanica lississippi State Missouri	al Engineering,	Registe		Engineer – FL #67008;	
18. Af	other Professional QUALIFICATIONS (Publication filiations: Member of the American ciety; USGBC	ons, Organizations, Training, Awards, etc.) Society of Heating, Refrigera	ting, and A	ir-Conditioning Engine	eers; Florida Engineering	
		19. RELEVANT	PROJECTS			
	(1) TITLE AND LOCATION (City and State) U.S. Department of Veteran Tower Addition, Orlando, FL		oling	PROFESSIONAL SERVICES	2) YEAR COMPLETED CONSTRUCTION (If applica 2014	ble)
a	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc. SGM was the Engineer of Record Baldwin Campus along with up consisted of repainted interior	rd for the design and const grades inside the Central E walls, repainted epoxy floo	ruction or nergy Plai ring and s	nt (CEP). The items afety lines, designe	ng tower at the Orlando that were included in the d additional overhead ligl	e CEP
	and reinsulated selected supply	lines. Ben acted as Mecha	nicai Engi		2) YEAR COMPLETED	
	(1) TITLE AND LOCATION (City and State) Florida International Universe Miami, FL	sity, Satellite Chiller Plar	nt,	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) 2013	
	main campus. The purpose of t growth of the campus. The ch piping system which are capab Cost: \$6M	niller plant is designed to	accommo	date future chilled	water and condenser w	water
	(1) TITLE AND LOCATION (City and State) Valencia College, Park Place MEP Services, Orlando, FL	Office Building Renovat	ion:	PROFESSIONAL SERVICES 2013	2) YEAR COMPLETED CONSTRUCTION (If applicable) 2014)
c	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc Ben Fauser acted as Mechanica to serve as Valencia College's existing condition of building M components of the system. Pro	al Engineer for this renova administrative headquarte MEP system, and then prov	tion of th ers. Ben F	auser conducted a port including a pro	, five story, L-shaped bui full survey and identified obable cost estimate for	d the
	(1) TITLE AND LOCATION (<i>City and State</i>) Broward College, Art Display Davie, FL	y Building HVAC Upgrad	e,	PROFESSIONAL SERVICES 2014	(2) YEAR COMPLETED CONSTRUCTION (If applicable, 2014)
d	(3) BRIEF DESCRIPTION (Brief scope, size, cost, et Ben Fauser acted as Mechanic Building at Broward College. T to meet the art department's s	al Engineer for the MEP/F his provided humidity cont	P design : rol and pi	rovided a design cor . Project Cost: \$12,0	AC Upgrade of the Art Dinsisting of a 3 ton split sy 100	isplay /stem
	(1) TITLE AND LOCATION (City and State) Florida International Univer Science Building, Miami, FL	sity: Strobe Fans for Ma	rine	PROFESSIONAL SERVICES	(2) YEAR COMPLETED CONSTRUCTION (If applicable 2013	·)
e	(3) BRIEF DESCRIPTION (Brief scope, size, cost, et SGM provided the evaluation of provided design documents to acted as Mechanical Engineer.	of the existing Marine Scie replace three existing Str	nce Buildi	neck if project performed w ng's laboratory che with new laborato	mical exhaust system and	d also 5. Ben

	E. R	ESUMES OF KEY PERSONNEL P					
	11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	(Complete one Section E 13. ROLE IN THIS CONTRACT	for each key	person.)	14. YEARS EXPERIENCE		
	^{NAME} rry Schneider	Plumbing and Fire P	rotection	a. TOTAL 21	b. WITH CURRENT FIRM		
		Engineer		21	,		
	FIRM NAME AND LOCATION (City and State)	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
	GM Engineering, Inc., Deerfield	l Beach, FL					
A	EDUCATION (DEGREE AND SPECIALIZATION) utodesk Training for Building S			PROFESSIONAL REGISTRATION	(STATE AND DISCIPLINE)		
18.	OTHER PROFESSIONAL QUALIFICATIONS (Publication filiations: Member of the American S	s, Organizations, Training, Awards, etc.)	ting and Air	Conditioning Engine	ars: Member of Autodesk User		
	roup International, Plumbing and Fire				ers, member of Autoucsk osci		
Gr	oup international, Plumbing and Fire	19. RELEVANT	The second se	lagel			
	(1) TITLE AND LOCATION (City and State)	19. KELEVANI	PROJECTS	(2)	YEAR COMPLETED		
	MacDill Air Force Base, 6 th Co	ntracting Squadron		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)		
				2013	2014		
	Demo/Consol, CE Storage Fac						
а	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.)	AND SPECIFIC ROLE		if project performed with			
	SGM provided MEP/FP design for	or this Design-Build proje	ct as part c	of a Multiple Award	Construction Contract. The		
	facility is used for the storage/m	naintenance of landscapin	ng machines	s and lawn equipm	ent. Jerry acted as Plumbing		
	and Fire Protection Engineer for	this project. Project Cost:	\$1.2M				
-	(1) TITLE AND LOCATION (City and State)			and the second se	YEAR COMPLETED		
	Orange County Government,	Fire Station #36, #66, a	nd #76,	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)		
	Orlando, FL			2009	2010		
				k if project performed with	o current firm		
b	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE SGM provided full MEP/FP engineering design services for the generator replacement at Orange County						
	Government's Fire Stations #36	, #66, and #76. SGIVI'S SC	cope includ	led the removal of	the existing generator and		
	transfor switch system at the Fi	ro Stations Mr Schnoido					
	transfer switch system at the fi	re stations. wir. schneide	er acted as	Plumbing and Fire	Protection Engineer for this		
-	project. Project Cost: 1.5M	re stations. Mr. schneide	er acted as	Plumbing and Fire	Protection Engineer for this		
- 20			er acted as	(2)	YEAR COMPLETED		
-	project. Project Cost: 1.5M		er acted as	(2) PROFESSIONAL SERVICES	YEAR COMPLETED CONSTRUCTION (If applicable)		
	project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government:			(2)	YEAR COMPLETED		
	project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility			(2) PROFESSIONAL SERVICES	YEAR COMPLETED CONSTRUCTION (If applicable)		
c	(1) TITLE AND LOCATION (City and State) Orange County Government: Horizon's Corrections Facility Orlando, FL	– MEP/FP Design Servi	ces,	(2) PROFESSIONAL SERVICES 2010	YEAR COMPLETED CONSTRUCTION (If applicable) 2011		
с	project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>)	- MEP/FP Design Servi	ces,	(2) PROFESSIONAL SERVICES 2010 k if project performed with	YEAR COMPLETED CONSTRUCTION (If applicable) 2011		
c	project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design set	- MEP/FP Design Servi AND SPECIFIC ROLE Prvices for the Horizon's Co	ices,	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima	CONSTRUCTION (If applicable) 2011		
c	project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design see design and replacement of the	- MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate	ces,	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire	CONSTRUCTION (If applicable) 2011		
c	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (City and State) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) SGM provided MEP/FP design see design and replacement of the Plumbing and Fire Protection Er 	- MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate	ces,	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000	A VEAR COMPLETED CONSTRUCTION (If applicable) 2011 an current firm ary design scope included the e building. Jerry acted as a		
c	project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design see design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>)	– MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate ngineer for this project. Pr	ces,	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2)	A COMPLETED CONSTRUCTION (If applicable) 2011 a current firm arry design scope included the e building. Jerry acted as a		
с	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design see design and replacement of the Plumbing and Fire Protection Error 	– MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate ngineer for this project. Pr	ces,	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES	YEAR COMPLETED CONSTRUCTION (If applicable) 2011 a current firm ary design scope included the e building. Jerry acted as a YEAR COMPLETED CONSTRUCTION (If applicable)		
c	project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design set design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>) City of Hialeah, Public Works	- MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate agineer for this project. Pr Facility, Hialeah, FL	ces, Chec orrection Fa er systems oject Cost:	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) 2011 a current firm ary design scope included the e building. Jerry acted as a O YEAR COMPLETED CONSTRUCTION (If applicable) 2012		
c	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design set design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>) City of Hialeah, Public Works (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) 	- MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate ogineer for this project. Pr Facility, Hialeah, FL	ces, Chec orrection Fa er systems oject Cost:	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with	CONSTRUCTION (If applicable) 2011 a current firm ary design scope included the e building. Jerry acted as a YEAR COMPLETED CONSTRUCTION (If applicable) 2012 h current firm		
c	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design set design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>) City of Hialeah, Public Works (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Jerry acted as the Plumbing an 	- MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate agineer for this project. Pr Facility, Hialeah, FL	ces, Chec orrection Fa er systems oject Cost: Chec er for the	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with full MEP/FP renova	AT COMPLETED CONSTRUCTION (If applicable) 2011 a current firm arry design scope included the e building. Jerry acted as a YEAR COMPLETED CONSTRUCTION (If applicable) 2012 h current firm ation services for the Public		
	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design see design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>) (2) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Jerry acted as the Plumbing ar Works Facility in Hialeah, FL. SG 	- MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate agineer for this project. Pr Facility, Hialeah, FL	ces, Chec orrection Fa er systems oject Cost: Coject Cost: Chec er for the report that	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with full MEP/FP renova outlined the existi	VYEAR COMPLETED CONSTRUCTION (If applicable) 2011 an current firm ary design scope included the e building. Jerry acted as a VYEAR COMPLETED CONSTRUCTION (If applicable) 2012 h current firm ation services for the Public ng conditions, identified the		
	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design see design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>) (2) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Jerry acted as the Plumbing ar Works Facility in Hialeah, FL. SG 	– MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate agineer for this project. Pr Facility, Hialeah, FL AND SPECIFIC ROLE of Fire Protection Engine GM provided a detailed r	ces, Chec orrection Fa er systems oject Cost: Coject Cost: Chec er for the report that	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with full MEP/FP renova outlined the existi	VYEAR COMPLETED CONSTRUCTION (If applicable) 2011 an current firm ary design scope included the e building. Jerry acted as a VYEAR COMPLETED CONSTRUCTION (If applicable) 2012 h current firm ation services for the Public ng conditions, identified the		
	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design set design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>) City of Hialeah, Public Works (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Jerry acted as the Plumbing an Works Facility in Hialeah, FL. So current deficiencies/code violati 	– MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate ngineer for this project. Pr Facility, Hialeah, FL MAND SPECIFIC ROLE Id Fire Protection Engine GM provided a detailed r ons, as well as how to cos	ces, Chec orrection Fa er systems oject Cost: Oject Cost: Chec er for the report that st effectivel	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with full MEP/FP renova outlined the existi y correct the proble	A COMPLETED CONSTRUCTION (If applicable) 2011 a current firm ary design scope included the e building. Jerry acted as a OYEAR COMPLETED CONSTRUCTION (If applicable) 2012 h current firm ation services for the Public ng conditions, identified the ems. The main office building		
	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design set design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>) City of Hialeah, Public Works (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Jerry acted as the Plumbing an Works Facility in Hialeah, FL. SG current deficiencies/code violati had major MEP improvements an 	– MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate ngineer for this project. Pr Facility, Hialeah, FL MAND SPECIFIC ROLE Id Fire Protection Engine GM provided a detailed r ons, as well as how to cos	ces, Chec orrection Fa er systems oject Cost: Oject Cost: Chec er for the report that st effectivel	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with full MEP/FP renova outlined the existi y correct the proble	A COMPLETED CONSTRUCTION (If applicable) 2011 a current firm ary design scope included the e building. Jerry acted as a OYEAR COMPLETED CONSTRUCTION (If applicable) 2012 h current firm ation services for the Public ng conditions, identified the ems. The main office building		
	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design see design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>) City of Hialeah, Public Works (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Jerry acted as the Plumbing and Works Facility in Hialeah, FL. SG current deficiencies/code violati had major MEP improvements a Project Cost: \$1.6M 	– MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate ngineer for this project. Pr Facility, Hialeah, FL MAND SPECIFIC ROLE Id Fire Protection Engine GM provided a detailed r ons, as well as how to cos	ces, Chec orrection Fa er systems oject Cost: Oject Cost: Chec er for the report that st effectivel	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with full MEP/FP renova- outlined the existi y correct the proble as added on to the	AT A COMPLETED CONSTRUCTION (If applicable) 2011 a current firm arry design scope included the e building. Jerry acted as a OYEAR COMPLETED CONSTRUCTION (If applicable) 2012 h current firm ation services for the Public ng conditions, identified the ems. The main office building northeast corner.		
	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design see design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>) City of Hialeah, Public Works (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Jerry acted as the Plumbing an Works Facility in Hialeah, FL. SG current deficiencies/code violation had major MEP improvements an Project Cost: \$1.6M (1) TITLE AND LOCATION (<i>City and State</i>) 	- MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate agineer for this project. Pr Facility, Hialeah, FL AND SPECIFIC ROLE ad Fire Protection Engine GM provided a detailed r ons, as well as how to cos nd an additional 1,600-SF	ces, Chec orrection Fa er systems oject Cost: Chec er for the report that st effectivel of space w	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with full MEP/FP renova- outlined the existi y correct the proble as added on to the	YEAR COMPLETED CONSTRUCTION (If applicable) 2011 ary design scope included the e building. Jerry acted as a YEAR COMPLETED CONSTRUCTION (If applicable) 2012 h current firm ation services for the Public ng conditions, identified the ems. The main office building northeast corner.		
	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scape, size, cost, etc.</i>) SGM provided MEP/FP design set design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>) (3) BRIEF DESCRIPTION (<i>Brief scape, size, cost, etc.</i>) Jerry acted as the Plumbing an Works Facility in Hialeah, FL. SG current deficiencies/code violatit had major MEP improvements a Project Cost: \$1.6M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government, 	- MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate agineer for this project. Pr Facility, Hialeah, FL AND SPECIFIC ROLE ad Fire Protection Engine GM provided a detailed r ons, as well as how to cos nd an additional 1,600-SF	ces, Chec orrection Fa er systems oject Cost: Chec er for the report that st effectivel of space w	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with full MEP/FP renova outlined the existi y correct the proble as added on to the	AT A COMPLETED CONSTRUCTION (If applicable) 2011 an current firm arry design scope included the e building. Jerry acted as a (YEAR COMPLETED CONSTRUCTION (If applicable) 2012 h current firm ation services for the Public ng conditions, identified the ems. The main office building northeast corner.		
	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design see design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>) City of Hialeah, Public Works (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Jerry acted as the Plumbing an Works Facility in Hialeah, FL. SG current deficiencies/code violation had major MEP improvements an Project Cost: \$1.6M (1) TITLE AND LOCATION (<i>City and State</i>) 	- MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate agineer for this project. Pr Facility, Hialeah, FL AND SPECIFIC ROLE ad Fire Protection Engine GM provided a detailed r ons, as well as how to cos nd an additional 1,600-SF	ces, Chec orrection Fa er systems oject Cost: Chec er for the report that st effectivel of space w and #76,	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with full MEP/FP renova outlined the existi y correct the proble as added on to the (2) PROFESSIONAL SERVICES 2009	A COMPLETED CONSTRUCTION (If applicable) 2011 an current firm arry design scope included the e building. Jerry acted as a () YEAR COMPLETED CONSTRUCTION (If applicable) 2012 th current firm ation services for the Public ng conditions, identified the terms. The main office building northeast corner. () YEAR COMPLETED CONSTRUCTION (If applicable) 2010		
d	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design set design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>) City of Hialeah, Public Works (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Jerry acted as the Plumbing an Works Facility in Hialeah, FL. SG current deficiencies/code violati had major MEP improvements a Project Cost: \$1.6M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government, Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) 	- MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate agineer for this project. Pr Facility, Hialeah, FL AND SPECIFIC ROLE ad Fire Protection Engine GM provided a detailed r ons, as well as how to cos nd an additional 1,600-SF Fire Station #36, #66, a	ices, Chec orrection Fa er systems oject Cost: Chec er for the report that st effectivel of space w and #76, Chec	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with full MEP/FP renova outlined the existi y correct the proble as added on to the (2) PROFESSIONAL SERVICES 2009 k if project performed with	YEAR COMPLETED CONSTRUCTION (If applicable) 2011 ary design scope included the e building. Jerry acted as a YEAR COMPLETED CONSTRUCTION (If applicable) 2012 h current firm ation services for the Public ng conditions, identified the ems. The main office building northeast corner.) YEAR COMPLETED CONSTRUCTION (If applicable) 2010 h current firm		
	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) SGM provided MEP/FP design set design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>) City of Hialeah, Public Works (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) Jerry acted as the Plumbing an Works Facility in Hialeah, FL. SG current deficiencies/code violati had major MEP improvements a Project Cost: \$1.6M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government, Orlando, FL 	- MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate agineer for this project. Pr Facility, Hialeah, FL AND SPECIFIC ROLE ad Fire Protection Engine GM provided a detailed r ons, as well as how to cos nd an additional 1,600-SF Fire Station #36, #66, a	ices, Chec orrection Fa er systems oject Cost: Chec er for the report that st effectivel of space w and #76, Chec	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with full MEP/FP renova outlined the existi y correct the proble as added on to the (2) PROFESSIONAL SERVICES 2009 k if project performed with	YEAR COMPLETED CONSTRUCTION (If applicable) 2011 ary design scope included the e building. Jerry acted as a YEAR COMPLETED CONSTRUCTION (If applicable) 2012 h current firm ation services for the Public ng conditions, identified the ems. The main office building northeast corner.) YEAR COMPLETED CONSTRUCTION (If applicable) 2010 h current firm		
d	project. Project Cost: 1.5M (1) TITLE AND LOCATION (City and State) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) SGM provided MEP/FP design set design and replacement of the Plumbing and Fire Protection Err (1) TITLE AND LOCATION (City and State) City of Hialeah, Public Works (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) Jerry acted as the Plumbing and Works Facility in Hialeah, FL. SG current deficiencies/code violati had major MEP improvements a Project Cost: \$1.6M (1) TITLE AND LOCATION (City and State) Orange County Government, Orlando, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc., SGM provided full MEP/FP etc.)	- MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic water agineer for this project. Pr Facility, Hialeah, FL AND SPECIFIC ROLE ad Fire Protection Engine GM provided a detailed r ons, as well as how to cos nd an additional 1,600-SF Fire Station #36, #66, a	ces, Chec correction Fa er systems oject Cost: Chec er for the report that of space w and #76, Chec ces for th	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with full MEP/FP renova outlined the existi y correct the proble as added on to the (2) PROFESSIONAL SERVICES 2009 k if project performed with e generator repla	AT YEAR COMPLETED CONSTRUCTION (If applicable) 2011 a current firm arry design scope included the e building. Jerry acted as a OYEAR COMPLETED CONSTRUCTION (If applicable) 2012 h current firm ation services for the Public ng conditions, identified the ems. The main office building northeast corner. OYEAR COMPLETED CONSTRUCTION (If applicable) 2010 h current firm acement at Orange County		
d	 project. Project Cost: 1.5M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scape, size, cost, etc.</i>) SGM provided MEP/FP design set design and replacement of the Plumbing and Fire Protection Er (1) TITLE AND LOCATION (<i>City and State</i>) (3) BRIEF DESCRIPTION (<i>Brief scape, size, cost, etc.</i>) Jerry acted as the Plumbing ar Works Facility in Hialeah, FL. SQ current deficiencies/code violatit had major MEP improvements a Project Cost: \$1.6M (1) TITLE AND LOCATION (<i>City and State</i>) Orange County Government, Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scape, size, cost, etc.</i>) SGM provided full MEP/FP er Government's Fire Stations #36 	- MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic water agineer for this project. Pr Facility, Hialeah, FL PAND SPECIFIC ROLE and Fire Protection Engine GM provided a detailed r ons, as well as how to cos nd an additional 1,600-SF Fire Station #36, #66, a PAND SPECIFIC ROLE engineering design servin 5, #66, and #76. SGM's s	ices, Chec correction Fa er systems oject Cost: Chec er for the report that of space w and #76, Chec ces for the scope include	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with full MEP/FP renova outlined the existi y correct the proble as added on to the (2) PROFESSIONAL SERVICES 2009 k if project performed with e generator repla ded the removal o	YEAR COMPLETED CONSTRUCTION (If applicable) 2011 ary design scope included the e building. Jerry acted as a YEAR COMPLETED CONSTRUCTION (If applicable) 2012 h current firm ation services for the Public ng conditions, identified the ems. The main office building northeast corner. YEAR COMPLETED acompleted CONSTRUCTION (If applicable) 2010 h current firm accement at Orange County f the existing generator and		
d	project. Project Cost: 1.5M (1) TITLE AND LOCATION (City and State) Orange County Government: Horizon's Corrections Facility Orlando, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) SGM provided MEP/FP design set design and replacement of the Plumbing and Fire Protection Err (1) TITLE AND LOCATION (City and State) City of Hialeah, Public Works (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) Jerry acted as the Plumbing and Works Facility in Hialeah, FL. SG current deficiencies/code violati had major MEP improvements a Project Cost: \$1.6M (1) TITLE AND LOCATION (City and State) Orange County Government, Orlando, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc., SGM provided full MEP/FP etc.)	- MEP/FP Design Servi AND SPECIFIC ROLE ervices for the Horizon's Co e existing domestic wate agineer for this project. Pr Facility, Hialeah, FL AND SPECIFIC ROLE ad Fire Protection Engine GM provided a detailed r ons, as well as how to cos nd an additional 1,600-SF Fire Station #36, #66, a	ices, Chec correction Fa er systems oject Cost: Chec er for the report that of space w and #76, Chec ces for the scope include	(2) PROFESSIONAL SERVICES 2010 k if project performed with acility. SGM's prima through the entire \$787,000 (2) PROFESSIONAL SERVICES 2011 k if project performed with full MEP/FP renova outlined the existi y correct the proble as added on to the (2) PROFESSIONAL SERVICES 2009 k if project performed with e generator repla ded the removal o	YEAR COMPLETED CONSTRUCTION (If applicable) 2011 ary design scope included the e building. Jerry acted as a YEAR COMPLETED CONSTRUCTION (If applicable) 2012 h current firm ation services for the Public ng conditions, identified the ems. The main office building northeast corner. YEAR COMPLETED acompleted CONSTRUCTION (If applicable) 2010 h current firm accement at Orange County f the existing generator and		

	E. RESUMES OF KEY PERSONNEL P (Complete one Section E			
12. NAME	13. ROLE IN THIS CONTRACT	. joi courrey pe	1	4. YEARS EXPERIENCE
George Hayner, P.E., CxA	Plumbing/Fire Prote	ection Engin	eer ^{a. TOTAL}	b. WITH CURRENT FIRM
15. FIRM NAME AND LOCATION (City and State)			and the Second and	
SGM Engineering, Inc., Deerfi	eld Beach, FL		A CONTRACTOR ATION	
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Mechanic	cal Engineering		ofessional registration (sta	neer – FL #70682, ACG
University of Central Florida	car Engineering,		Commissioning Age	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publica)		
Affiliations: Member of the America		ating, and Air-C	onditioning Engineers;	Florida Engineering
Society, National Fire Protection Ass	ociation, USGBC 19. RELEVAN			
(1) TITLE AND LOCATION (City and State)	15. KELEVAN		(2) YEAF	COMPLETED
MacDill Air Force Base, 6 th	Contracting Squadron,		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Demo/Consol, CE Storage F	acilities, Tampa, FL		2013	2014
a (3) BRIEF DESCRIPTION (Brief scope, size, cost, e			project performed with cur	
SGM provided MEP/FP design				
facility is used for the store				oment. George acted as
Plumbing/Fire Protection Engi	neer for this project. Project	t Cost: \$1.2M		
(1) TITLE AND LOCATION (City and State)			(2) YEAF PROFESSIONAL SERVICES	COMPLETED CONSTRUCTION (If applicable)
Orange County Governmen		icoc	2010	2011
Horizon's Corrections Facil	ity - wice/re Design Servi	ices,		
Orlando, FL				
(3) BRIEF DESCRIPTION (Brief scope, size, cost, SGM provided MEP/FP des			project performed with cur	
included the design and re				
George acted as a Plumbing				
	FILE FIOLECTION LINGINEEL IC	or this projoci	Project Cost. \$78	7 000
(1) TITLE AND LOCATION (City and State)		or this project		7,000 R COMPLETED
(1) TITLE AND LOCATION (City and State) Florida International Unive			(2) YEAI PROFESSIONAL SERVICES	COMPLETED CONSTRUCTION (If applicable)
Florida International Unive	rsity: Strobe Fans for Ma		(2) YEAI	RCOMPLETED
	ersity: Strobe Fans for Ma -	rine	(2) YEAI PROFESSIONAL SERVICES	COMPLETED CONSTRUCTION (If applicable) 2013
 Florida International University Science Building, Miami, Florida Brief Description (Brief scope, size, cost, SGM provided the evaluation) 	ersity: Strobe Fans for Ma - etc.) AND SPECIFIC ROLE of the existing Marine Scier	rine	(2) YEAI PROFESSIONAL SERVICES 2012 project performed with cur laboratory chemica	COMPLETED CONSTRUCTION (If applicable) 2013 rent firm exhaust system and also
 Florida International University Science Building, Miami, Florida BRIEF DESCRIPTION (Brief scope, size, cost, sGM) SGM provided the evaluation provided design documents to provide documents to pr	ersity: Strobe Fans for Ma - etc.) AND SPECIFIC ROLE of the existing Marine Scier o replace three existing Strol	rine Check if nce Building's bic fans with r	(2) YEAI PROFESSIONAL SERVICES 2012 Foroject performed with cur laboratory chemica new laboratory chem	COMPLETED CONSTRUCTION (If applicable) 2013 rent firm exhaust system and also
 Florida International University Science Building, Miami, Florida (3) BRIEF DESCRIPTION (Brief scope, size, cost, soft, soft) SGM provided the evaluation provided design documents to acted as the Plumbing/Fire Prince 	ersity: Strobe Fans for Ma - etc.) AND SPECIFIC ROLE of the existing Marine Scier o replace three existing Strol	rine Check if nce Building's bic fans with r	(2) YEAI PROFESSIONAL SERVICES 2012 Foroject performed with cur laboratory chemica new laboratory chem	COMPLETED CONSTRUCTION (If applicable) 2013 rent firm exhaust system and also
 Florida International University Science Building, Miami, Florida (3) BRIEF DESCRIPTION (Brief scope, size, cost, and provided the evaluation provided design documents to acted as the Plumbing/Fire Print (1) TITLE AND LOCATION (City and State) 	ersity: Strobe Fans for Ma erc.) AND SPECIFIC ROLE of the existing Marine Scier o replace three existing Strol otection Engineer for this pr	rine Check if nce Building's bic fans with i roject. Project	(2) YEAI PROFESSIONAL SERVICES 2012 Foroject performed with cur laboratory chemica new laboratory chemica focst: \$545,271 (2) YEAI	COMPLETED CONSTRUCTION (If applicable) 2013 rent firm exhaust system and also nical exhaust fans. George
 Florida International University Science Building, Miami, Florida International University Science Building, Miami, Florida Internation (Brief scope, size, cost, SGM) SGM provided the evaluation provided design documents to acted as the Plumbing/Fire Private (1) TITLE AND LOCATION (City and State) Valencia College, Park Place 	ersity: Strobe Fans for Ma erc.) AND SPECIFIC ROLE of the existing Marine Scier o replace three existing Strol otection Engineer for this pr	rine Check if nce Building's bic fans with i roject. Project	(2) YEAI PROFESSIONAL SERVICES 2012 project performed with cur laboratory chemica new laboratory chem c Cost: \$545,271	rent firm exhaust system and also nical exhaust fans. George
 Florida International University Science Building, Miami, Florida International University Science Building, Miami, Florida SGM provided the evaluation provided design documents to acted as the Plumbing/Fire Print (1) TITLE AND LOCATION (City and State) Valencia College, Park Place MEP Services, Orlando, FL 	ersity: Strobe Fans for Ma etc.) AND SPECIFIC ROLE of the existing Marine Scien o replace three existing Strol otection Engineer for this pr e Office Building Renovat	rine Check if nce Building's bic fans with r oject. Project	(2) YEAI PROFESSIONAL SERVICES 2012 Foroject performed with cur laboratory chemica new laboratory chemica focst: \$545,271 (2) YEAI PROFESSIONAL SERVICES 2013	COMPLETED CONSTRUCTION (If applicable) 2013 rent firm exhaust system and also nical exhaust fans. George R COMPLETED CONSTRUCTION (If applicable) 2014
Florida International University Science Building, Miami, Florida (3) BRIEF DESCRIPTION (Brief scope, size, cost, signature) SGM provided the evaluation provided design documents to acted as the Plumbing/Fire Print (1) TITLE AND LOCATION (City and State) Valencia College, Park Place MEP Services, Orlando, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, size,	ersity: Strobe Fans for Ma etc.) AND SPECIFIC ROLE of the existing Marine Scien or replace three existing Strol otection Engineer for this pr e Office Building Renovat	rine Check if nce Building's bic fans with r oject. Project tion:	(2) YEAI PROFESSIONAL SERVICES 2012 Foroject performed with cur laboratory chemica new laboratory chemica new laboratory chemica forost: \$545,271 (2) YEAI PROFESSIONAL SERVICES 2013 F project performed with cur	COMPLETED CONSTRUCTION (If applicable) 2013 rent firm exhaust system and also nical exhaust fans. George R COMPLETED CONSTRUCTION (If applicable) 2014 rent firm
d Florida International University Science Building, Miami, Fl Science Building, Miami, Fl Science Building, Miami, Fl SGM provided the evaluation provided design documents to acted as the Plumbing/Fire Pr (1) TITLE AND LOCATION (City and State) Valencia College, Park Place MEP Services, Orlando, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, Ben Fauser acted as Plumbing)	ersity: Strobe Fans for Ma - etc.) AND SPECIFIC ROLE of the existing Marine Scien o replace three existing Strol otection Engineer for this pr e Office Building Renovat etc.) AND SPECIFIC ROLE g/Fire Protection Engineer	rine Check if nce Building's bic fans with r roject. Project tion: Check if for this renov	(2) YEAI PROFESSIONAL SERVICES 2012 project performed with cur laboratory chemica new laboratory chem cost: \$545,271 (2) YEAI PROFESSIONAL SERVICES 2013 f project performed with cur vation of the existing	COMPLETED CONSTRUCTION (If applicable) 2013 rent firm exhaust system and also nical exhaust fans. George COMPLETED CONSTRUCTION (If applicable) 2014 rent firm g 57,000-SF, five story, L-
d Florida International University Science Building, Miami, Fl Science Building, Miami, Fl SGM provided the evaluation provided design documents to acted as the Plumbing/Fire Pr (1) TITLE AND LOCATION (City and State) Valencia College, Park Place MEP Services, Orlando, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, Ben Fauser acted as Plumbing shaped building to serve as V	ersity: Strobe Fans for Ma etc.) AND SPECIFIC ROLE of the existing Marine Scien o replace three existing Strol otection Engineer for this pr e Office Building Renovat etc.) AND SPECIFIC ROLE g/Fire Protection Engineer 'alencia College's administra	rine Check if nce Building's bic fans with r roject. Project tion: Check if for this renov ative headqua	(2) YEAI PROFESSIONAL SERVICES 2012 Foroject performed with cur laboratory chemica new laboratory chemica new laboratory chemica (2) YEAI (2) YEAI (2) YEAI PROFESSIONAL SERVICES 2013 Foroject performed with cur vation of the existing arters. George Hayne	COMPLETED CONSTRUCTION (If applicable) 2013 rent firm exhaust system and also nical exhaust fans. George COMPLETED CONSTRUCTION (If applicable) 2014 rent firm g 57,000-SF, five story, Lear conducted a full survey
 Florida International University Science Building, Miami, Florida International University Science Building, Miami, Florida International University SGM provided the evaluation provided design documents to acted as the Plumbing/Fire Private acted as the Plumbing/Fire Private Valencia College, Park Place MEP Services, Orlando, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, Ben Fauser acted as Plumbing shaped building to serve as V and identified the existing compared to the	ersity: Strobe Fans for Ma etc.) AND SPECIFIC ROLE of the existing Marine Scien o replace three existing Strol otection Engineer for this pr e Office Building Renovat etc.) AND SPECIFIC ROLE g/Fire Protection Engineer 'alencia College's administration of building plumbin	rine Check if nce Building's bic fans with r oject. Project tion: Check if for this renov ative headqua g and fire pro	(2) YEAI PROFESSIONAL SERVICES 2012 Foroject performed with cur laboratory chemica new laboratory chemica new laboratory chemica forost: \$545,271 (2) YEAI PROFESSIONAL SERVICES 2013 Foroject performed with cur vation of the existing arters. George Hayne otection systems, an	COMPLETED CONSTRUCTION (If applicable) 2013 rent firm exhaust system and also nical exhaust fans. George RCOMPLETED CONSTRUCTION (If applicable) 2014 rent firm g 57,000-SF, five story, L- er conducted a full survey d then provided a report
 Florida International University Science Building, Miami, Florida International University Science Building, Miami, Florida International University SGM provided the evaluation provided design documents to acted as the Plumbing/Fire Print (1) TITLE AND LOCATION (<i>City and State</i>) Valencia College, Park Place MEP Services, Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost,</i> Ben Fauser acted as Plumbin shaped building to serve as V and identified the existing conincluding a probable cost estimation of the service o	ersity: Strobe Fans for Ma etc.) AND SPECIFIC ROLE of the existing Marine Scien o replace three existing Strol otection Engineer for this pr e Office Building Renovat etc.) AND SPECIFIC ROLE g/Fire Protection Engineer 'alencia College's administration of building plumbin	rine Check if nce Building's bic fans with r oject. Project tion: Check if for this renov ative headqua g and fire pro	(2) YEAI PROFESSIONAL SERVICES 2012 Foroject performed with cur laboratory chemica new laboratory chem Cost: \$545,271 (2) YEAI PROFESSIONAL SERVICES 2013 Foroject performed with cur vation of the existing arters. George Hayne otection systems, an Project Cost: \$5.8W	COMPLETED CONSTRUCTION (If applicable) 2013 rent firm exhaust system and also nical exhaust fans. George RCOMPLETED CONSTRUCTION (If applicable) 2014 rent firm g 57,000-SF, five story, L- er conducted a full survey d then provided a report
Florida International University Science Building, Miami, Fl (3) BRIEF DESCRIPTION (Brief scope, size, cost, SGM provided the evaluation provided design documents to acted as the Plumbing/Fire Pr (1) TITLE AND LOCATION (City and State) Valencia College, Park Place MEP Services, Orlando, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, Ben Fauser acted as Plumbing shaped building to serve as V and identified the existing comparison of the scope	ersity: Strobe Fans for Ma etc.) AND SPECIFIC ROLE of the existing Marine Scien o replace three existing Strol otection Engineer for this pr e Office Building Renovat etc.) AND SPECIFIC ROLE g/Fire Protection Engineer 'alencia College's administration ondition of building plumbin mate for each components of	rine Check if nce Building's bic fans with r oject. Project tion: Check if for this renov ative headqua g and fire pro	(2) YEAI PROFESSIONAL SERVICES 2012 Foroject performed with cur laboratory chemica new laboratory chemica new laboratory chemica (2) YEAI PROFESSIONAL SERVICES 2013 foroject performed with cur vation of the existing arters. George Hayne otection systems, an Project Cost: \$5.8M (2) YEA	COMPLETED CONSTRUCTION (If applicable) 2013 rent firm exhaust system and also nical exhaust fans. George COMPLETED CONSTRUCTION (If applicable) 2014 rent firm g 57,000-SF, five story, L- er conducted a full survey id then provided a report R COMPLETED CONSTRUCTION (If applicable)
Florida International University Science Building, Miami, Fl (3) BRIEF DESCRIPTION (Brief scope, size, cost, and provided the evaluation provided design documents to acted as the Plumbing/Fire Pr (1) TITLE AND LOCATION (City and State) Valencia College, Park Place MEP Services, Orlando, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, Ben Fauser acted as Plumbing shaped building to serve as V and identified the existing control including a probable cost estimation (1) TITLE AND LOCATION (City and State)	ersity: Strobe Fans for Ma etc.) AND SPECIFIC ROLE of the existing Marine Scien o replace three existing Strol otection Engineer for this pr e Office Building Renovat etc.) AND SPECIFIC ROLE g/Fire Protection Engineer 'alencia College's administration ondition of building plumbin mate for each components of	rine Check if nce Building's bic fans with r roject. Project tion: Check if for this renov ative headqua g and fire pro of the system.	(2) YEAI PROFESSIONAL SERVICES 2012 project performed with cur laboratory chemica new laboratory chemica new laboratory chemica (2) YEAI PROFESSIONAL SERVICES 2013 f project performed with cur vation of the existing arters. George Hayne potection systems, an Project Cost: \$5.8M (2) YEAI PROFESSIONAL SERVICES 2011	R COMPLETED CONSTRUCTION (If applicable) 2013 rent firm L exhaust system and also nical exhaust fans. George R COMPLETED CONSTRUCTION (If applicable) 2014 rent firm g 57,000-SF, five story, L- er conducted a full survey d then provided a report R COMPLETED CONSTRUCTION (If applicable) 2012
c Florida International University Science Building, Miami, Fl Science Building, Miami, Fl (3) BRIEF DESCRIPTION (Brief scope, size, cost, SGM provided the evaluation provided design documents to acted as the Plumbing/Fire Pr (1) TITLE AND LOCATION (City and State) Valencia College, Park Place MEP Services, Orlando, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, Ben Fauser acted as Plumbin shaped building to serve as V and identified the existing cocincluding a probable cost estimated (1) TITLE AND LOCATION (City and State) City of Hialeah, Public Wor (3) BRIEF DESCRIPTION (Brief scope, size, cost, Ben Fauser acted as Plumbin shaped building to serve as V and identified the existing cocincluding a probable cost estimated (1) TITLE AND LOCATION (City and State) (1) TITLE AND LOCATION (City and State) (3) BRIEF DESCRIPTION (Brief scope, size, cost, Ban Fauser acted as Plumbin State)	ersity: Strobe Fans for Ma etc.) AND SPECIFIC ROLE of the existing Marine Scien o replace three existing Strol otection Engineer for this pr e Office Building Renovat etc.) AND SPECIFIC ROLE g/Fire Protection Engineer 'alencia College's administra indition of building plumbin mate for each components of tks Facility, Hialeah, FL etc.) AND SPECIFIC ROLE	rine Check if nce Building's bic fans with r roject. Project tion: Check if for this renov ative headqua g and fire pro of the system. Check if	(2) YEAI PROFESSIONAL SERVICES 2012 project performed with cur laboratory chemica new laboratory chemica new laboratory chemica (2) YEAI PROFESSIONAL SERVICES 2013 f project performed with cur vation of the existing arters. George Hayne otection systems, an Project Cost: \$5.8M (2) YEAI (2) YEAI PROFESSIONAL SERVICES 2011 f project performed with cur	R COMPLETED CONSTRUCTION (If applicable) 2013 rent firm L exhaust system and also nical exhaust fans. George R COMPLETED CONSTRUCTION (If applicable) 2014 rent firm g 57,000-SF, five story, L- er conducted a full survey d then provided a report R COMPLETED CONSTRUCTION (If applicable) R COMPLETED CONSTRUCTION (If applicable) 2012 rent firm
 Florida International University Science Building, Miami, Florida International University Science Building, Miami, Florida International University SGM provided the evaluation provided design documents to acted as the Plumbing/Fire Private acted as the Plumbing/Fire Private International College, Park Place MEP Services, Orlando, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, Ben Fauser acted as Plumbin shaped building to serve as Wand identified the existing coincluding a probable cost estimation (1) TITLE AND LOCATION (City and State) (1) TITLE AND LOCATION (City and State) (3) BRIEF DESCRIPTION (Brief scope, size, cost, Ben Fauser acted as Plumbing (1) TITLE AND LOCATION (City and State) (3) BRIEF DESCRIPTION (Brief scope, size, cost, George acted a Plumbing/Finder State) 	ersity: Strobe Fans for Ma etc.) AND SPECIFIC ROLE of the existing Marine Scien o replace three existing Strol otection Engineer for this pr e Office Building Renovat etc.) AND SPECIFIC ROLE g/Fire Protection Engineer 'alencia College's administration mate for each components of tks Facility, Hialeah, FL etc.) AND SPECIFIC ROLE re Protection Engineer for	rine Check if nce Building's bic fans with r roject. Project tion: Check if for this renove ative headquated of the system. Check if the full MEP/	(2) YEAI PROFESSIONAL SERVICES 2012 Foroject performed with cur laboratory chemica new laboratory chemica new laboratory chemica (2) YEAI PROFESSIONAL SERVICES 2013 Foroject performed with cur vation of the existing arters. George Hayne otection systems, an Project Cost: \$5.8M (2) YEA PROFESSIONAL SERVICES 2011 foroject performed with cur /FP renovation servi	R COMPLETED CONSTRUCTION (If applicable) 2013 rent firm l exhaust system and also nical exhaust fans. George R COMPLETED CONSTRUCTION (If applicable) 2014 rent firm g 57,000-SF, five story, L- er conducted a full survey d then provided a report R COMPLETED CONSTRUCTION (If applicable) 2012 rent firm ces for the Public Works
e Florida International University Science Building, Miami, Fl Science Building, Miami, Fl Science Building, Miami, Fl SGM provided the evaluation provided design documents to acted as the Plumbing/Fire Pr (1) TITLE AND LOCATION (<i>City and State</i>) Valencia College, Park Place MEP Services, Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost</i> , Ben Fauser acted as Plumbing shaped building to serve as V and identified the existing co including a probable cost esting (1) TITLE AND LOCATION (<i>City and State</i>) City of Hialeah, Public Wor (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost</i> , George acted a Plumbing/Fin Facility in Hialeah, FL. SGM p	ersity: Strobe Fans for Ma erc.) AND SPECIFIC ROLE of the existing Marine Scien o replace three existing Strol otection Engineer for this pr e Office Building Renovat erc.) AND SPECIFIC ROLE g/Fire Protection Engineer 'alencia College's administration indition of building plumbin mate for each components of tks Facility, Hialeah, FL erc.) AND SPECIFIC ROLE re Protection Engineer for provided a detailed report t	rine Check if nce Building's bic fans with r roject. Project tion: Check if for this renove ative headquate of the system. Check if the full MEP/ hat outlined	(2) YEAI PROFESSIONAL SERVICES 2012 Foroject performed with cur laboratory chemica new laboratory chemica new laboratory chemica (2) YEAI (2) YEAI PROFESSIONAL SERVICES 2013 Foroject performed with cur vation of the existing arters. George Hayne otection systems, an Project Cost: \$5.8M (2) YEAI (2) YEAI PROFESSIONAL SERVICES 2011 foroject performed with cur (FP renovation servition servition the existing condition the existing condition	R COMPLETED CONSTRUCTION (If applicable) 2013 rent firm l exhaust system and also nical exhaust fans. George R COMPLETED CONSTRUCTION (If applicable) 2014 rent firm g 57,000-SF, five story, L- er conducted a full survey Id then provided a report R COMPLETED CONSTRUCTION (If applicable) 2012 rent firm ces for the Public Works ns, identified the current
 Florida International University Science Building, Miami, Florida International University Science Building, Miami, Florida SGM provided the evaluation provided design documents to acted as the Plumbing/Fire Private Acted as College, Park Place MEP Services, Orlando, FL (1) TITLE AND LOCATION (<i>City and State</i>) Valencia College, Park Place MEP Services, Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost,</i> Ben Fauser acted as Plumbing shaped building to serve as V and identified the existing control including a probable cost estimate (1) TITLE AND LOCATION (<i>City and State</i>) (1) TITLE AND LOCATION (<i>Brief scope, size, cost,</i> George acted a Plumbing/Fire Facility in Hialeah, FL. SGM provided the existion acted acted a Plumbing/Fire Activity in Hialeah, FL. SGM provided the cost estimates and acted a Plumbing/Fire Privates acted a Plumbing/Fire Privates acted a Plumbing/Fire Privates Acted acted acted a Plumbing/Fire Privates Acted act	ersity: Strobe Fans for Ma etc.) AND SPECIFIC ROLE of the existing Marine Scien o replace three existing Strol otection Engineer for this pr e Office Building Renovat etc.) AND SPECIFIC ROLE g/Fire Protection Engineer 'alencia College's administration ondition of building plumbin mate for each components of tks Facility, Hialeah, FL etc.) AND SPECIFIC ROLE re Protection Engineer for provided a detailed report t as well as how to cost effe	rine Check if nce Building's bic fans with r roject. Project tion: Check if for this renove ative headquated of the system. Check if the system. Check if the full MEP/ hat outlined	(2) YEAI PROFESSIONAL SERVICES 2012 i project performed with cur laboratory chemica new laboratory chemica new laboratory chemica (2) YEAI PROFESSIONAL SERVICES 2013 if project performed with cur vation of the existing arters. George Hayne otection systems, an Project Cost: \$5.8M (2) YEA PROFESSIONAL SERVICES 2011 f project performed with cur (FP renovation servit the existing condition t the problems. The	COMPLETED CONSTRUCTION (If applicable) 2013 rent firm exhaust system and also nical exhaust fans. George COMPLETED CONSTRUCTION (If applicable) 2014 rent firm g 57,000-SF, five story, L- er conducted a full survey d then provided a report R COMPLETED CONSTRUCTION (If applicable) 2012 rent firm ces for the Public Works main office building had
Florida International University Science Building, Miami, Fl Science Building, Miami, Fl Science Building, Miami, Fl SGM provided the evaluation provided design documents to acted as the Plumbing/Fire Pr (1) TITLE AND LOCATION (<i>Brief scope, size, cost, acted as the Plumbing/Fire Pr (1) TITLE AND LOCATION (<i>City and State</i>) Valencia College, Park Place MEP Services, Orlando, FL (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, Ben Fauser acted as Plumbin shaped building to serve as V and identified the existing colincluding a probable cost estime (1) TITLE AND LOCATION (<i>City and State</i>) (1) TITLE AND LOCATION (<i>Brief scope, size, cost, Ben Fauser acted as Plumbin shaped building to serve as V and identified the existing colincluding a probable cost estime (1) TITLE AND LOCATION (<i>City and State</i>) (1) TITLE AND LOCATION (<i>Brief scope, size, cost, George acted a Plumbing/Fin Facility in Hialeah, FL. SGM provided the set (1) TITLE AND LOCATION (<i>Brief scope, size, cost, George acted a Plumbing/Fin Facility in Hialeah, FL. SGM provided the facility in Hialeah, FL. SGM provided to the set (1) TITLE AND LOCATION (<i>Brief scope, size, cost, George acted a Plumbing/Fin Facility in Hialeah, FL. SGM provided to the set (1) TITLE AND LOCATION (<i>Brief scope, size, cost, George acted a Plumbing/Fin Facility in Hialeah, FL. SGM provided to the set (1) TITLE AND LOCATION (<i>Brief scope, size, cost, George acted a Plumbing/Fin Facility in Hialeah, FL. SGM provided to the set (1)</i> </i></i></i></i></i></i></i>	ersity: Strobe Fans for Ma etc.) AND SPECIFIC ROLE of the existing Marine Scien o replace three existing Strol otection Engineer for this pr e Office Building Renovat etc.) AND SPECIFIC ROLE g/Fire Protection Engineer 'alencia College's administration ondition of building plumbin mate for each components of tks Facility, Hialeah, FL etc.) AND SPECIFIC ROLE re Protection Engineer for provided a detailed report t as well as how to cost effe	rine Check if nce Building's bic fans with r roject. Project tion: Check if for this renove ative headquated of the system. Check if the system. Check if the full MEP/ hat outlined	(2) YEAI PROFESSIONAL SERVICES 2012 i project performed with cur laboratory chemica new laboratory chemica new laboratory chemica (2) YEAI PROFESSIONAL SERVICES 2013 if project performed with cur vation of the existing arters. George Hayne otection systems, an Project Cost: \$5.8M (2) YEA PROFESSIONAL SERVICES 2011 f project performed with cur (FP renovation servit the existing condition t the problems. The	COMPLETED CONSTRUCTION (If applicable) 2013 rent firm exhaust system and also nical exhaust fans. George COMPLETED CONSTRUCTION (If applicable) 2014 rent firm g 57,000-SF, five story, L- er conducted a full survey d then provided a report R COMPLETED CONSTRUCTION (If applicable) 2012 rent firm ces for the Public Works main office building had

	E.	RESUMES OF KEY PERSONNE (Complete one Sectior				
12.	NAME	13. ROLE IN THIS CONTRACT	6 8			YEARS EXPERIENCE
	assi Rahbari, CxA	Building Commiss	ioning	a. TOTA	29	b. WITH CURRENT FIRM 3
	FIRM NAME AND LOCATION (City and State)	d Beach, FL				
16.	EDUCATION (DEGREE AND SPECIALIZATION)			PROFESSIONAL REGISTRA		
	achelor of Science, Engineerin		Certifie	d Commissioni	ng Age	nt
	ciences, University of Central I					
	OTHER PROFESSIONAL QUALIFICATIONS (Publication filiations: Commissioning Departme	ent Manager	and and the second			
		19. RELEVA	NT PROJECTS		(2) VEAR (COMPLETED
	(1) TITLE AND LOCATION (City and State) P1267 French Creek Mess Ha	11 1 2 9		PROFESSIONAL SERVICE	the second se	CONSTRUCTION (If applicable)
				2012	1. A. 2.	2014
	Marine Corps Base Camp Lej					
а	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		k if project performed		
	SGM provided Commissioning	services for the LEED E	nnanced Cor	nmissioning for	a Desig	and a drive thru. Nassi
	Mess Hall at French Creek. Thi	s 21,840SF facility includ	des nigh effi	netional analysi	bakery,	and a unve-tinu. wassi
	acted as Lead CxA responsible		w, on-site fu	nctional analysi	s, and c	onstruction inspections.
	LEED Gold Pending. Project Cos (1) TITLE AND LOCATION (City and State)	st: \$14M			(2) VEAR	COMPLETED
	Main Downtown Library Ret	ro-Commissioning / D	esign	PROFESSIONAL SERVIC		CONSTRUCTION (If applicable)
				2014		2014
	Improvements (SF330 Sec F,			k if project performe	d with curr	ant firm
b	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc Nassi Rahbari, Lead Commissio	.) AND SPECIFIC ROLE				
	Nassi Ranbari, Lead Commissio	ning Authority, address		Vain Library S		provided include Retro-
	building envelope pressurization Commissioning and recommend	on in their downtown,	SUU,UUUSF I	viaili Library. 5	coiect Co	provided meldae netro
	10 CT	ded design improvement	is as the prin			CALL STREET, ST
	(1) TITLE AND LOCATION (City and State)	ODC Canton		PROFESSIONAL SERVIC	and the second se	COMPLETED CONSTRUCTION (If applicable)
	Combat Engineer Maintenar			2013	12-18 J	2014
	Marine Corps Base Camp Le		57	1		
с	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.	.) AND SPECIFIC ROLE		ck if project performe		
	SGM is providing LEED Enhance	ed Commissioning for a c	design-build,	multi-phased m		wided the Commissioning
	Combat Engineer Battalion at C	amp Lejeune Marine Col	rps Base in N	orth Carolina. N	assi prov	vided the commissioning
	for eight new facilities includi	ng administrative, main	itenance, arr	nory, indoor m		
-	locker areas. Nassi acted as Lea	d Commissioning Author	rity. LEED SIN	er Pending. Pro	(2) YEAR	COMPLETED
	(1) TITLE AND LOCATION (City and State) P1319 Camp Johnson Bache	lor Enlisted Quarters		PROFESSIONAL SERVIC	and the second se	CONSTRUCTION (If applicable)
				2012		2013
	Marine Corps Base Camp Le				مريدة والجنبيداء	ant firm
d	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm SGM provided LEED Enhanced Commissioning for design and construction of two 85-room Bachelor Enlisted					
	Quarters, as well as a parking g	a commissioning for a	esign and c	v Nassi acted a		Commissioning Agent and
	Provided a Commissioning rep	sarage with a large phot	polycic/tosti	y. Nassi acceu a		AC and the Design Build
	team, OMSI, and construction i	ort, on-site functional a	Cold Pond	ing Project Cos	+· \$27M	ne and the besign band
	(1) TITLE AND LOCATION (City and State)	Inspection services. LELI	J Gold Fellu	T		COMPLETED
	Orange County Government	Internal Operations	Centre II.	PROFESSIONAL SERVIC	ES	CONSTRUCTION (If applicable)
		, mema operations	centre il,	2014	1	2014
	Orlando, FL			ck if project performe	d with our	cont firm
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.	c.) AND SPECIFIC ROLE				
e	Mr. Rahbari acted as the Lead	commissioning Agent to		Phase and Oce		Operation Phace Nacci'c
	Centre II of all MEP systems ar	in controls for both the	construction	nonts to the E	apancy/	of Record developing a
	scope of work consisted of re	tre II of all MEP systems and controls for both the Construction Phase and Occupancy/Operation Phase. Nassi's pe of work consisted of review of submittals, providing comments to the Engineer of Record, developing a				
		Commissioning months	ac roulouis	the suctom w	arificatio	n checklist witness the
	Commissioning plan, execute functional performance tests, a	Commissioning meeting	gs, reviewing	g the system ve	erificatio	on checklist, witness the

		E. RESUMES OF KEY PERSONNEL F (Complete one Section E			RACT	ii
	name ictor Goykhman	13. ROLE IN THIS CONTRACT QA/QC Manager			14 a. TOTAL 39	b. WITH CURRENT FIRM
16 B	FIRM NAME AND LOCATION (City and State) GM Engineering, Inc., Deerf EDUCATION (DEGREE AND SPECIALIZATION) achelor of Science, Electrica olytechnic University		17. CURRENT	F PROFESSIONAL R	EGISTRATION (STAT	"E AND DISCIPLINE)
18	OTHER PROFESSIONAL QUALIFICATIONS (Public ffiliations: Vice President of SGM)			afar form
		19. RELEVAN	T PROJECTS			
	(1) TITLE AND LOCATION (<i>City and State</i>) Florida International University Science Building, Miami, F		rine		(2) YEAR NAL SERVICES)12	COMPLETED CONSTRUCTION (If applicable) 2013
а	(3) BRIEF DESCRIPTION (Brief scope, size, cost, SGM provided the evaluation provided design documents to acted as QA/QC Manager. Pr	n of the existing Marine Scien to replace three existing Stro	nce Buildin	g's laborate		exhaust system and also
	(1) TITLE AND LOCATION (City and State) Florida International Univer Florida International University	ersity, Generator Study,			(2) YEAR NAL SERVICES D12	COMPLETED CONSTRUCTION (If applicable) n/a
b	(3) BRIEF DESCRIPTION (Brief scope, size, cost, Victor Goykhman acted as Q at 29 buildings on the Flo spreadsheet with the genera cut sheets for each generato	A/QC Manager for the survey rida International University tor size, catalog number, an	and identi Modesto d serial nu	ification of A. Maidio Imber of th	que campus. e generators nerator. Proj e	generators and fuel tanks The report included a from field survey. Data ect Cost: \$13,600
	(1) TITLE AND LOCATION (City and State) City of Riviera Beach, HVA Riviera Beach, FL	C Replacement at City Ha	Ι,		(2) YEAR NAL SERVICES D11	COMPLETED CONSTRUCTION (If applicable) 2012
c	(3) BRIEF DESCRIPTION (Brief scope, size, cost Victor acted as a QA/QC Mar of this project was to redu redundancy for common are duct system to eliminate exis	nager for the replacement of ce the number of HVAC sy cas within the building (Mair	the HVAC stems from Lobby & (system at t m eight to City Counci	two (or the Chambers)	n Riviera Beach. The goal ree) units with strategic and design of a new air-
-	(1) TITLE AND LOCATION (City and State)	ting over/under cooling issue	es innerent			COMPLETED
	Town of Palm Beach, Stree Palm Beach, FL	et/Site Lighting,			NAL SERVICES	CONSTRUCTION (If applicable) 2011
d	(3) BRIEF DESCRIPTION (Brief scope, size, cost Victor Goykhman acted as replaced the existing light p SGM removed existing cond conductors were installed in	QA/QC Manager for the St oles with new fixtures/pole uctors that did not have end	reet/Site L s and coni ough slack	ighting in nected the	m to an exis	f Palm Beach. SGM also ting circuit. Additionally,
	(1) TITLE AND LOCATION (City and State) Florida International Univ Miami, FL	The second second second second		and the second se	(2) YEAR NAL SERVICES 012	COMPLETED CONSTRUCTION (If applicable) 2013
e	(3) BRIEF DESCRIPTION (Brief scope, size, cost Victor acted as QA/QC for campus. The purpose of th growth of the campus. The piping system which are capa Project Cost: \$6M	the design a new satellite e project is to provide coo chiller plant is designed to	utility plan ling require accommo	nt on the ement for date future	existing cam e chilled wat	national University main ipus facilities and future er and condenser water

	E. R	ESUMES OF KEY PERSONNEL F			RACT	
		(Complete one Section E	for each key	y person.)	1	4. YEARS EXPERIENCE
	name m Kloes, CCST-III	13. ROLE IN THIS CONTRACT Construction Admin Manager	nistration		a. TOTAL 48	b. with current firm 10
SC	FIRM NAME AND LOCATION (City and State)			- PROFESSIONAL		TE AND DISCIPLINE)
Ce	EDUCATION (DEGREE AND SPECIALIZATION) Ertified Plumbing/Pipe Fitting I niversity	nstructor, Purdue	(2) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2		trol Technie	
18. Af	OTHER PROFESSIONAL QUALIFICATIONS (Publication: filiations: Member of the American S ociety, National Fire Protection Associa	ociety of Heating, Refrigera) ating, and Ai	r-Conditioni	ng Engineers;	Florida Engineering
50	clety, National File Protection Associa	19. RELEVAN	T PROJECTS		194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194 - 194	
	(1) TITLE AND LOCATION (City and State) Orange County Government, Orlando, FL	Fire Station #36, #66, a	and #76,	PROFESSIONAL 2		COMPLETED CONSTRUCTION (If applicable) 2010
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project perform SGM provided full MEP/FP engineering design services for the generator Government's Fire Stations #36, #66, and #76. SGM's scope included the remove transfer switch system at the Fire Stations. Mr. Kloes acted as Construction Admini-				tor replacer emoval of th	nent at Orange County le existing generator and	
_	(1) TITLE AND LOCATION (City and State)				(2) YEA	R COMPLETED
	Indian River County Governm Sheriff's Office, Vero Beach, F		nty	PROFESSIONA 2		CONSTRUCTION (If applicable) 2013
b	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) Jim Kloes, acting as CA Manager surveillance system and access c project was performed under a C	, oversaw the Construct ontrol system design for	ion for SGN the new c	V Engineer rime scene	rformed with cur ing's modific lab and evic	cations to the CCTV video
	(1) TITLE AND LOCATION (City and State) Orange County Government,	Courthouse Evidence	Room		(2) YEA DNAL SERVICES 010	R COMPLETED CONSTRUCTION (If applicable) 2011
c	Relocation, Orlando, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm SGM provided Audio/Visual, Voice/Data, and Security Systems (in addition to MEP engineering services) for the evidence room relocation within the Orange County Government Courthouse. Jim provided CA services for the full system installation including access control with proximity scanners, high resolution CCTV, voice/audio, intercom/communication system, and intrusion detection systems. Project Cost: \$1M					
	(1) TITLE AND LOCATION (City and State) City of Riviera Beach, HVAC R Riviera Beach, FL	eplacement at City Ha	.II,	PROFESSIONA 2	and the second se	R COMPLETED CONSTRUCTION (If applicable) 2012
d	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm Jim acted as Construction Administration Manager for the replacement of the HVAC system at the City Hall in Riviera Beach. All duct work needed to be redesigned to include considerations for the thermostat placement, air flow returns, diffusers, energy management system and other compensating devising to provide maximum system adjustments and flexibility. Project Cost: \$325,000					
	(1) TITLE AND LOCATION (City and State)			PROFESSION	and the second se	AR COMPLETED CONSTRUCTION (If applicable)
	City of Hialeah, Public Works City of Hialeah, Hialeah, FL	Facility,		2 	2011	2012
e	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) Jim Kloes, Construction Adminis This main office building had n detailed report outlining the ex how to cost effectively correct t	tration Manager, provid najor MEP improvement isting conditions while i	ed enginee ts and an dentifying	ering design extra 1,600 the curren)-SF of space	r this Public Work Facility. e added. SGM provided a

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)				
22. YEAR	22. YEAR COMPLETED			
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2014			
2013				
RMATION				
	22. YEAR PROFESSIONAL SERVICES 2013			

a. TROULOT OWNER	D.I OIT OF CONTROL IVALE	
U.S. Air Force, MacDill Air Force	Mack Reifers	(904) 886-2990
Base, 6 th Contracting Squadron		

SGM Engineering provided Civil, Structural, Architectural, Mechanical, Electrical, Plumbing, and Fire Protection Design Services for this multi-phased Design-Build project as part of a Multiple Award Construction Contract at MacDill Air Force Base.

This large facility is primarily used for the storage and maintenance of large landscaping machines and relevant lawn equipment serving the entire base.

Architectural design included the design, installation, and construction of a new pre-engineered storage facility with open bays and enclosed storage. Additionally, open bay storage has roof ridge ventilation.

Civil engineering design primarily consisted of the clearing of previous groundskeeping facilities/hardscape work, grading, drainage, and permitting for new facility location.

Mechanical design components included a new ventilation system including new fans per ASHRAE minimum standards, motorized louvers, structural support frame members, controls, and protective housing. Additionally, SGM provided compressed air piping from the existing compressor to its new location. New piping (buried underground), valves, gauges, moisture separator, filter, and bib were also provided and installed.

Electrical design components included service lighting, lightning protection, and power. Fire Protection design included detection and notification.

SGM Engineering participated in site visits and hosted a kick-off meeting to develop a thorough understanding of the project scope. All drawings and designs were completed via AutoCAD and were compliant with 2011 MacDill Air Force Base's security and safety guidelines including ASHRAE, NFPA, UFC 3-410, and all applicable ETLs.

Construction Cost: \$1.2M

RELEVANCE TO THIS CONTRACT:

- Performed under a Continuing Contract
- Federal government project under \$2M
- ☑ Design of complete HVAC system
- Design of complete electrical-related systems and upgrades
- ☑ Electrical construction supervision/administration/management
- Preparation and delivery of as-built plans and specifications



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	
a.	SGM Engineering, Inc.	Deerfield Beach, FL	MEP Engineer	

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE QUALIFICATIONS FOR THIS CONTR (Present as many projects as requested by the agency, or 10 Complete one Section F for each proje	20. EXAMPLE PROJECT KEY NUMBER 2	
21. TITLE AND LOCATION (City and State)	22. YEAR	COMPLETED
Indian River County Sheriff's Office,	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable
Indian River County Government, Vero Beach, FL	2012	2013
23. PROJECT OWNER	S INFORMATION	

		lwilliams@ircgov.com
Indian River County Government	Lynn Williams	(727) 226-1416
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER

SGM Engineering provided modifications to the CCTV video surveillance system and access control system design for the new crime scene lab and evidence holding facility for Indian County Sheriff's office. This project was performed under a Continuing Contract.

The scope of services that SGM Engineering provided included, but was not limited to, the design for the installation of three additional CCTV video surveillance systems with 360 degree cameras. These additional cameras were tied into the new head-end in the crime scene building.

SGM installed 10 cameras and 16 doors/openings that need access control devices; one intercom/camera was also installed at the front entry.

All CCTV modifications complied with the 2010 Florida Building Code and 2010 Florida Fire Prevention Code, as well as the Owner's Standards.



Construction Cost: \$400,000

RELEVANCE TO THIS CONTRACT:

- ☑ Performed under a Continuing Contract
- ☑ A municipal project under \$2M
- ☑ Design of complete electrical-related systems and upgrade
- ☑ Preparation of plans and specifications
- ☑ Electrical construction supervision/administration/management
- ☑ Project close-out, testing, and reporting

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	SGM Engineering, Inc.	Deerfield Beach, FL	MEP Engineer	
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	

QUALIFIC (Present as many projects as re	IHICH BEST ILLUSTRATE PRO ATIONS FOR THIS CONTRACT quested by the agency, or 10 pro one Section F for each project.)			20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION (City and State) Florida International University: Strobe Fans for Marine Science Building, Miami, FL		22. YEAR COMPI		COMPLETED
		PROFESSIONAL SERVICES 2012		CONSTRUCTION (If applicable) 2013
a. PROJECT OWNER	b. POINT OF CONTACT NAME		c. POINT OF COM	TACT TELEPHONE NUMBER
Florida International University Slyvia Berenguer, Project		ct Manager	(305) 348-4	077

SGM Engineering was notified that the existing Marine Science Building was not exhausting sufficient air for the building use. SGM provided the evaluation of the existing building's laboratory chemical exhaust system and also provided design documents to replace three existing Strobic fans with new laboratory chemical exhaust fans. The fans were replaced with higher capacity fans that allow for future expansion of the labs to easily accommodate future chemical fume hoods in the building.

Construction Cost: \$545,271





RELEVANCE TO THIS CONTRACT:

- ✓ Project under \$2M
- Performed under a Continuing Contract
- Performed on an occupied facility
- ☑ Project close-out, testing, and reporting
- Development of bidding documents

Service - V	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	SGM Engineering, Inc.	Deerfield Beach, FL	MEP Engineer
-			

(Present as many projects as red	ATIONS FOR THIS CONTRA	CT projects, if not spe		20. EXAMPLE PROJECT KEY NUMBER 4
21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED		COMPLETED
Florida International University, G	PROFESSIONAL SERVICES		CONSTRUCTION (If applicable)	
Miami, Florida		2012		n/a
	23. PROJECT OWNER'S	INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME		c. POINT OF CO	NTACT TELEPHONE NUMBER
Florida International University	Danny Paan		(305) 348-4 paand@fiu	

SGM Engineering provided a field survey and investigation in order to identify existing generators and respective fuel tanks at 29 various buildings on the FIU Modesto A. Maidique campus. The report included a spreadsheet with the generator size, catalog number, and serial number of the generators from field survey. Additionally, information regarding the generator fuel tank size/style and whether unit mounted or stand alone tank was also included in the report/spreadsheet. Data cut sheets from the manufacturer, for each generator, was provided for each generator, as well. All info was prepared for Florida International University in order to provide the Department of Environmental Resources Management with all requested information.

This project was completed on time and within budget.



Project Cost: \$13,600

RELEVANCE TO THIS CONTRACT:

- Perform all field tests, laboratory tests, and collection of all necessary data
- ☑ A municipal project under \$2M
- Development of bidding documents
- Preparation of plans and specifications
- ☑ Preparation of cost estimates and budget recommendations
- ☑ Project close-out, testing, and reporting

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	
a.	SGM Engineering, Inc.	Deerfield Beach, FL	MEP/FP Engineer	

QUA (Present as many project)	CTS WHICH BEST ILLUSTRATE PR ALIFICATIONS FOR THIS CONTRAC s as requested by the agency, or 10 p mplete one Section F for each project	CT projects, if not		20. EXAMPLE PROJECT KEY NUMBER 5	
21. TITLE AND LOCATION (City and State)		22. YEAR C PROFESSIONAL SERVICES			
City of Riviera Beach HVAC I	CONSTRUCTION (If applicable)				
Riviera Beach, FL	Riviera Beach, FL		2011	2012	
	23. PROJECT OWNER'S	INFORMATIO	N		
a. PROJECT OWNER	b. POINT OF CONTACT NAME		c. POINT OF CO	NTACT TELEPHONE NUMBER	
City of Riviera Beach Brynt Johnson, CGC,		EED AP	(561) 845-4 BJohnson@	1066 Privierabch.com	

SGM was hired to replace the HVAC system at the City Hall in Riviera Beach. The system to be replaced is composed of multiple HVAC packages with various tonnages which were incrementally put into service over time to address increasing service needs as the existing facility transitioned from less than 60% occupancy to full occupancy.

The goal of this project was to reduce the number of HVAC systems from eight to two units with strategic redundancy for common areas within the building (Main Lobby & City Council Chambers) and design of a new air-duct system to eliminate existing over/under cooling issues inherent in the existing system. The new high efficiency HVAC units provided ample cooling capacity to satisfy the cooling needs for the 22,000-SF City Hall which had large windows and approximately 75 full time employees along with 75 members of public at any given time.

All duct work needed to be redesigned to address each individual office space and to provide maximum comfort. This included considerations for the thermostat placement, air flow returns, diffusers, energy management system, and other compensating devising to provide maximum system adjustments and flexibility. Design services included, but were not limited to, the following: submitting a detailed preliminary report assessing the current average energy usage of the existing facility, the project needs – determining the proper equipment and/or upgrades needed, the estimated project time/costs for completion along with any/all drawings and specifications needed to accomplish the project goals. SGM also provided a projected cost savings scenario for the project based upon execution of our designs.

Construction Cost: \$325,000



RELEVANCE TO THIS CONTRACT:

- Performed under a Continuing Contract
- ☑ A municipal project under \$2M
- ☑ Evaluation of existing electrical systems, including back-up generators and fire alarm system
- Provided signed and sealed construction drawings

(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	
SGM Engineering, Inc.	Deerfield Beach, FL	MEP Engineer	

22. YEAR COMPLETED
ZZ. TEAN CONFLETED
SERVICES CONSTRUCTION (If applicable) 1 2012

a. PROJECT OWNER b. POINT OF CONTACT NAME c. POINT OF CONTACT TELEPHONE NUMBER City of Hialeah Yvette London, (954) 486-7910, Harvard Jolly Y.London@harvardjolly.com

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

This Public Work Facility project for the City of Hialeah consisted of a site visit to obtain field conditions of the existing main office building, where customers enter to pay their utility bills. The main maintenance building was scheduled to be demolished. This main office building was to have major MEP improvements and have an extra 1,600-SF of space added on to the northeast corner to accommodate a large entry area and bill paying windows. SGM provided a detailed report outlining the existing conditions while identifying the current deficiencies and code violations and how to cost effectively correct the problems.

Upon conducting a conference call with the architect and the Director of the City of Hialeah Public Works, the client accepted our recommendations and requested a fee proposal to accommodate the additional services. SGM successfully completed and coordinated the design effort during multiple design and coordination meetings to meet the deadline of the project. Site visits were conducted during the design phase to verify existing above ceiling conditions to verify the design layout was constructible.

This project was completed on time and within budget.



Construction Cost: \$1.5M

RELEVANCE TO THIS CONTRACT:

- Perform all field tests, laboratory tests, and collection of all necessary data
- A municipal project under \$2M
- Development of bidding documents
- Preparation of plans and specifications
- Preparation of cost estimates and budget recommendations
- ☑ Project close-out, testing, and reporting

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	SGM Engineering, Inc.	Deerfield Beach, FL	MEP Engineer

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 7
21. TITLE AND LOCATION (City and State)	22. YEAR	COMPLETED
Town of Palm Beach, Street/Site Lighting,	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Palm Beach, FL	2010	2011

Town of Palm Beach	Michael A. Roach, P.E.	(561) 838-5440
a. PROJECT OWNER	b. POINT OF CONTACT NAME	C. POINT OF CONTACT TELEPHONE NUMBER

SGM Engineering provided engineering design services for the Street/Site Lighting in the Town of Palm Beach. SGM replaced the existing light poles with new fixtures/poles and connected them to an existing circuit. Additionally, SGM removed existing conductors that did not have enough slack to provide connection to the new pull-box; new conductors were installed in its place.

As a part of SGM's design light poles were moved to the back of the sidewalk to reduce potential damage from vehicles and allow enhanced accessibility in order to comply with the American Disabilities Act. Additionally, it was SGM Engineering's responsibility to improve and match the existing area where the lighting poles were to be installed, including similar style and height of the light fixtures and surrounding land modification.

Construction Cost: \$1.6M



RELEVANCE TO THIS CONTRACT:

- ☑ A municipality project under \$2M
- Development of bidding documents
- Preparation of plans and specifications
- ☑ Preparation of cost estimates and budget recommendations
- Project close-out, testing, and reporting

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	SGM Engineering, Inc.	Deerfield Beach, FL	MEP Engineer

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE P QUALIFICATIONS FOR THIS CONTRA (Present as many projects as requested by the agency, or 10 Complete one Section F for each projec	CT projects, if not specified.	20. EXAMPLE PROJECT KEY NUMBER 8
21. TITLE AND LOCATION (City and State)		COMPLETED
Orange County Government:	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Courthouse Evidence Room Relocation, Orlando, FL	2010	2011
23. PROJECT OWNER'S	INFORMATION	

Orange County Government	Sara Flynn-Kramer	(407) 836-0048
a. PROJECT OWNER	b. POINT OF CONTACT NAME	C. POINT OF CONTACT TELEPHONE NUMBER

SGM Engineering provided Audio/Visual, Voice/Data, and Security Systems (in addition to Mechanical, Electrical, and Plumbing/Fire Protection engineering services) for the evidence room relocation within the Orange County Government Courthouse. The facility consisted of a new office area, including desk spaces with new vaults located on each side of the area. SGM's scope of work included full system design including, but not limited to, the following: access control with proximity scanners, high resolution CCTV (video surveillance at strategic points of entry), voice/audio, intercom/communication system, and intrusion detection systems. The vaults were dual layered for maximum security of criminal, civil, weapons, and drug evidence. Additionally, SGM's scope included modifying a records room and building new concrete rooms. Full power, lighting, HVAC, and fire alarms were also designed.

SGM provided work on the 14th floor of the Courthouse; the space was renovated to provide storage for records. Large filing cabinets were replaced with additional office space, a breakroom, and an evidence review space. Securing the occupied area and making sure the facility could operate regularly was a design element that SGM accomplished. This project was high profile and highly visible, therefore timeliness of the project was a high priority.

This project was completed on time and within budget.

Construction Cost: \$1M



RELEVANCE TO THIS CONTRACT:

- Performed under a Continuing Contract
- ☑ A municipal project under \$2M
- ☑ Consultation services for electrical-related issues and troubleshooting related to audio/visual, acoustical, instrument and control, and CCTV
- Evaluation of existing HVAC systems
- ☑ Evaluation of existing electrical systems, including back-up generators and fire alarm systems

a	SGM Engineering, Inc.	Deerfield Beach, FL	MEP Engineer	
(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 9
21. TITLE AND LOCATION (City and State)	22. YEAR	COMPLETED
Orange County Government:	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Horizon's Corrections Facility – P/FP Design Services,	2010	2011
Orlando, FL		

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	C. POINT OF CONTACT TELEPHONE NUMBER	
Orange County Government	Sara Flynn-Kramer	(407) 836-0048	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

SGM Engineering provided Plumbing and Fire Protection design services for the Horizon's Correction Facility, located off of John Young Parkway in Orlando, Florida. The facility was an existing structure that was built in 1990. SGM's primary design scope included the design and replacement of the existing domestic water systems through the entire building.

SGM overcame a few challenges that needed to be taken into consideration during design; the facility was an occupied building that was actively running during the design and construction of this project, therefore phasing was pertinent to the project's success. This project was performed under a Continuing Contract.

This project was completed on time and within budget.

Construction Cost: \$787,000



RELEVANCE TO THIS CONTRACT:

- Performed under a Continuing Contract
- ☑ A municipal project under \$2M
- Development of bidding documents
- ☑ Preparation of plans and specifications
- ☑ Preparation of cost estimates and budget recommendations
- ☑ Project close-out, testing, and reporting

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	
a.	SGM Engineering, Inc.	Deerfield Beach, FL	MEP Engineer	

QUALIFI (Present as many projects as)	WHICH BEST ILLUSTRATE PROP CATIONS FOR THIS CONTRACT requested by the agency, or 10 projection is one Section F for each project.)			20. EXAMPLE PROJECT KEY NUMBER 10			
21. TITLE AND LOCATION (<i>City and State</i>) Orange County Government, Fire Station #36, #66, and #76, Orlando, FL			22. YEAR COMPLETED				
			NAL SERVICES	CONSTRUCTION (If applicable) 2010			
	23. PROJECT OWNER'S INFO						
a. PROJECT OWNER	b. POINT OF CONTACT NAME Beth Yohe MRI Architect		c. POINT OF COI				

SGM Engineering provided full Mechanical, Electrical, Plumbing, and Fire Protection engineering design services for the generator replacement at Orange County Government's Fire Stations #36, #66, and #76.

As a part of the project scope, SGM provided engineering services for the removal of the existing generator and transfer switch system at the Fire Stations. Additionally, SGM provided electrical design services for an emergency generator/automatic transfer switch system to provide emergency power for the entire station. A proposed lift station, design services, construction administration, and three site visits for each Fire Station were included in the scope of work. The design of this project was completed with Auto CAD and backgrounds were furnished by SGM Engineering.

This was a replacement/renovation project and was performed under a Continuing Contact.



Construction Cost: \$1.5M

RELEVANCE TO THIS CONTRACT:

- ☑ Evaluation of facility energy usage and efficiency
- ☑ Local government project under \$2M
- Preparation of plans and specifications
- Design of complete electrical-related systems and upgrades

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	
•	SGM Engineering, Inc.	Deerfield Beach, FL	MEP Engineer	

	G. KEY PERSONNEL			1000 V	KARAGA (VESA) - ESAMPORTA					1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	11
26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. SAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
DIUCK 12)	DIOCK 13)	1	2	3	4	5	6	7	8	9	10
Tony Shahnami, P.E., F.E., CES, CHS-III, CxA	Principal in Charge/ President	х	х	х	x	х	х	х	х	х	x
David McGowan, P.E., LEED AP, BEMP, CPMP	Project Manager	х	х	х	x						
John Ball, P.E., LEED AP	Mechanical Engineer	Х				1		6723 			
Ben Fauser, P.E., LEED AP	Mechanical Engineer	х	х	х	x						
Mark Escott, P.E., CxA, LEEP AP	Electrical Engineer	х	х	х	х	х	x	х	x	x	x
Justin Mundell, P.E., RCDD	Electrical Engineer – Systems, Audio, Security	x	x	x	x	x	x	x	x	x	x
Jerry Schneider	Plumbing/Fire Protection Engineer	х	x	x	x	x	x	x	x	x	×
George Hayner	Plumbing/Fire Protection Engineer	х	x	x	х	x	x	х	x	х	
Nassi Rahbari, <i>CxA</i>	Lead Commissioning Authority	x	х	x	x	х	x	x	x	x	
Victor Goykhman	OA/QC Manager	х	х	х	x	x	x	х	x	х	×
Jim Kloes, CCST-III	Construction Administration Manager	x	x	x	x	x	x	x	x	x	×

NO.	TITLE OF SAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF SAMPLE PROJECT (FROM SECTION F)			
1	Demo/Consol, CE Storage Facilities (Bldgs 1075, 1083, 1084), Tampa, FL	6	City of Hialeah, Public Works Facility, Hialeah, FL			
2 Indian River County Sheriff's Office, Indian River County Government, Vero Beach, FL		7	Town of Palm Beach, Street/Site Lighting, Palm Beach, FL			
3	Florida International University: Strobe Fans for Marine Science Building, Miami, FL	8	Orange County Government: Courthouse Evidence Room Relocation, Orlando, FL			
4	Florida International University, Generator Study, Miami, Florida		Orange County Government: Horizon's Corrections Facility – P/FP Design Services, Orlando, FL			
5	City of Riviera Beach HVAC Replacement at City Hall, Riviera Beach, FL	10	Orange County Government, Fire Station #36, #66, and #76 Orlando, FL			

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Qualifications

SGM Engineering, Inc. (SGM) is a Certified Minority-Owned Business Enterprise, Professional Consulting Engineering Firm founded and incorporated in the State of Florida in 1991; DUNS Number 94-459-9141. For the past 23 years, SGM has been successfully delivering projects on time and under budget. SGM is registered to do business in multiple states and has an extensive Design-Build background associated with local and federal governmental, educational, and commercial industries which includes, but is not limited to, the following: analysis, design development/production of construction documents, energy efficiency, lighting/water usage analysis for LEED facilities, preparation of design documents for the installation of HVAC/lighting systems upgrades, conducting facility audits (which includes evaluation of facility equipment, lighting, and maintenance practices), system selection, heating/cooling load calculations, component selection, system integration leading to the preparation of drawings, specifications/ bidding documents for recommended modifications, understanding of thermodynamics/heat transfer (and its application to the design of HVAC systems), processing/measuring systems, value engineering, life cycle costing, post design drawing review, preparation of operational maintenance manuals, electronic communications systems, force protection, electronic communications, engineering studies/site investigations, designing security/fire protection systems, layouts, schematics, 3-D Solid Models, and Computer Aided Analysis Programs to complete our designs.

Location and Florida Licensed Staff

Our office is located in **Broward County** in South Florida at 700 W. Hillsboro Blvd., Building 3, Suite 212, Deerfield Beach, FL 33441; **Phone:** (954) 421-1944; **Fax:** (954) 421-1924; **Website:** <u>www.sgmengineering.com</u>. SGM Engineering has offices **located throughout Florida** in Deerfield Beach, Orlando, and Tampa, and, as well as an office in Chevy Chase, Maryland. Our multiple office locations throughout the State of Florida allow SGM Engineering to respond efficiently and effectively. Our personnel from all office locations can support any projects administered by the City of Hollywood. Our point of contact for this contract is Tony Shahnami, President, *P.E., CxA, F.E., CES, CHS-II.* He may be reached at <u>Tony@SGMEngineering.com</u>. SGM Engineering, Inc. is an S-Corporation, incorporated in the State of Florida in 1991 (**23 years in business**). Our Corporation number is V02240.

Ability to Furnish the Required Services

Our team is well qualified and capable of designing all aspects of MEP/FP systems for renovations, additions, and new facilities with knowledgeable emphasis on codes and energy conservation requirements. Our staff is also familiar with the latest Force Protection/Anti-Terrorism criteria, IBC/UFC codes along with NFPA codes 70 and 101. SGM's role is to provide high quality design, engineering, analysis, inspection services, design construction documents, cost estimates, construction administration, and coordination efforts with Construction Managers and the City of Hollywood's representatives by ensuring that professional standards and timeliness of all projects are met.

Relevancy to This Contract:

Typical projects have included HVAC, indoor air quality (IAQ), chillers, air handler units (AHU), pumps, laboratory hoods, controls, electrical power, lighting, lightning arrestors, grounding, kitchen/cafeteria, emergency hurricane shelter program, fire alarm, energy management, construction management, peer review, and construction administration. Past experience has included, but is not limited to, the following:

- Conducting analysis, design development, and production of construction documents
- Providing water/wastewater pumping stations and treatment plant modifications
- Providing design of MEP systems, in whole or part, for small projects
- Conducting analysis of new and existing MEP systems conditions in government-owned buildings and facilities
- Conducting inspection and approval of MEP construction elements performed by outside contractors
- Providing pre-design MEP analysis to determine feasibility of new additions or modifications to existing buildings or facilities
- Conducting inspection of electrical systems and components, as required by County Ordinance, for 40-year old buildings and preparation of required reports.
- Providing energy, lighting, and water usage analysis (for LEED facility design)
- Providing Commissioning services (including Fundamental and Retro-Commissioning)

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Ability of Professional Personnel

SGM's **Mechanical Engineers** have experience in the design of mechanical systems including, but not limited to, the following: fire protection systems, all types/sizes of HVAC systems, high temperature hot water boilers, piping, fluid systems, chilled water, compressed gas systems, elevators, hoists/cranes, specialized mechanical equipment, direct digital controls (DDC), programmable logic controllers (PLC), as well as facilities to house the mechanical equipment.

SGM's **Electrical Engineers** are skilled in the following design elements: medium/low voltage AC power systems, uninterruptible power systems, computer power conditioning, grounding, lightning protection, lighting, emergency power, hazardous area electrical installations, and control/monitoring systems. Previous project experience has consisted of utilizing electrical system designs, such as security installation in which CCTV, CATV, fire alarm, detection systems, voice evacuation, cable tray systems, communications systems, communications premise wiring, Electronic Security Systems (ESS), and intercom systems were designed/installed per national and local codes. SGM also has previous project experience associated with the "Anti-Terrorist Force Protection Act" which we have successfully applied to new and existing buildings.

Unique operations, often require secure communication channels, demand the skills of our BICSI RCDD credentialed professionals. SGM's designs are crafted to allow flexibility for growth and change, cutting edge technology, and the incorporation of future technologies. Specialized applications include integrated security, audio/visual presentation, voice/video/data distribution, public address/sound, intercom, CCTV, broadband distribution, and video tele-presence. SGM is highly experienced with communications in highly specialized facilities (such as SCIFs), and team members have attained the necessary clearances to work on classified facilities.

Our **Plumbing/Fire Protection Engineers** have the ability to design for domestic water systems, hot water return systems, equipment/fixture identification, sanitary drainage system, storm drainage piping, liquid propane/natural gas systems, and boilers. Also, fire protection areas of expertise include, but are not limited to, the following: fire suppression requirements (light, ordinary, and extra hazard classifications), wet, dry, deluge/pre-action systems, backflow prevention/metering specifications, and fire flow tests (static, residual, and flow).

As part of our commitment to continued technical and professional development, we regularly send our staff of engineers and designers to seminars and training classes (such as USGBC, STFP, UFC, ASHRAE, NFPA, OSHA) which allows them to keep up-to-date with the latest design methodologies and state-of-the-art engineering technology. Our emphasis on continued training and education is a testimony to our belief in the principle that the time and resources spent for continued professional development and training is an investment in the firm's future.

SGM Continuing Service Contracts:

SGM maintains multiple **Continuing Services Contracts**, allowing us the opportunity to perform various A/E local government renovations. A sample of the Continuing Contracts SGM has recently held include:

- U.S. Department of Labor IDIQ for MEP Services
- Broward State College
- General State Administration State of Florida A/E IDIQ
- U.S. Air Force, Tyndall AFB IDIQ Open-ended Contract for Multi-discipline A/E Services
- City of Miami Gardens
- Town of Palm Beach Mechanical and Electrical Engineering Consultants
- School District of Palm Beach County MEP/FP and Cx Services
- Florida International University Continuing MEP/FP and Cx Services
- Town of Fort Myers Beach On-Going Mechanical, Electrical, and Controls Professional Services
- Lake County Government Continued On-Call Commissioning/Retro-Commissioning Services
- St. John County MEP Services
- City of Orlando MEP/FP
- Hillsborough County Government MEP/FP
- City of Tampa MEP/FP
- Orange County Government Commissioning
- United States Army Corps Commissioning

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

SGM's philosophy is to provide our clients with quality professional services, promptly after their request. We will maximize cost savings while designing and constructing all projects with on-time performance on a schedule that meets all of your expectations. This philosophy will be carried through by the following means:

- The project manager will communicate with your representatives and all team members throughout all phases of the project
- Establishing the project criteria during initial project kick-off meetings and assurance of applicable code compliance throughout the project implementation
- Attendance at meetings, provide cost estimating, and stay within the budget
- Careful maintenance of the project schedule and provide value engineering
- Close communication with the City of Hollywood's staff throughout the project to ensure needs and expectations are being met
- Close coordination with local authorities
- Close communication and cooperation with the Project Manager, Construction Manager, and other personnel involved on the project
- Consistent project site observation and inspections throughout the project
- Resolving construction issues on-the-spot
- Perform substantial completion inspection and follow-through with final punch list items

Budget analysis is offered to assist clients in defining their goals and objectives while taking construction costs into consideration. A course of action is then established along with open suggestions for design changes in order to reduce the budget within their budgeted guidelines. SGM can use an alternative cost control called Value Engineering.

Life Cycle Cost and Long Term Maintenance Features

SGM will lead the design effort in analyzing life cycle costing, energy conservation, first cost premiums, pay back periods with energy design, and modeling analyses. This approach will allow the City of Hollywood to make informed decisions and optimize the financial resources of the project. It is our priority to provide the City with the most accurate, dependable, and flexible designs. SGM utilizes the Carrier HAP software and Trane Tracer for cost analysis. Additionally, SGM will incorporate the same approach into lighting systems that are presently stand alone and not configured in a BAS, so that they become a component of the BAS control.

Systems that allow flexibility in zoning can be added to meet new room configurations. Systems that are dependable/require little maintenance and have a long life expectancy will be heavily considered. SGM designs the HVAC systems with maintenance in mind. We make sure boilers and chillers have sufficient adjacent tube pull space for maintenance and replacement. We specify that access panels reach reheat coils above hard ceilings, and that permanently sealed bearings are available in order to eliminate field lubrication maintenance. SGM strives to provide the best equipment and appurtenances on the market that require little or no maintenance.

SGM will meet and work with the Project Delivery Team in the evaluation of the various options and incorporate selected options into the estimates. SGM will specifically identify on the Cost Savings Suggestion list the type of documentation required of the designer (i.e.-addenda note, bulletin drawing, etc.) and we will monitor the drawings to ensure that the selected Cost Savings Suggestions are incorporated into the final construction documents. SGM uses our knowledge of economics and environment in HVAC/building systems to recommend quality, maximum payback solutions for the City.

Compliance with Performance Schedules

SGM utilizes a management plan for processing tasks in order to develop a project schedule that will track major milestones in the project. Schedules are developed based upon the project deadline from the client. SGM will provide adequate resources to meet each step of the design process. Schedules are updated on a weekly basis. Project Managers have weekly meetings to discuss the design completion schedule and other requirements needed to meet the deadline and its construction budget. The staff is experienced and has ample resources to meet deadlines and stay within construction budget. Specific challenges in scheduling may include project phasing or construction delays. Overcoming these challenges may include planning designs during a certain time of the year (i.e. remodeling a cafeteria during the summer, when less students are at the campus), or scheduling construction at night so an office building can remain occupied during the day.

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED. SUSTAINABLE DESIGN

SGM and our sub-consultants are proud members of the US Green Building Council and are committed to environmental stewardship and social responsibility. Our firms employ LEED accredited professionals from all engineering and architecture disciplines familiar with Green Building design requirements and documenting projects for certification under the USGBC's LEED rating system. We achieve sustainable solutions through an integrated design approach, having professionals interact regularly from the sustainability charrette to final construction detailing to achieve sustainable solutions which benefit both the client and the environment.



Our team experience includes design solutions and LEED administration on projects which

have achieved, or are in the process of achieving, a "Certified" or higher rating under the LEED rating systems. SGM's previous and current experience with the LEED rating system is diverse, involving "Certified", "Silver Certified" and "Gold Certified" projects. Our team strives for top performing designs, and LEED enhances this goal, through efficient use of energy, environmental, and human resources. These aspects directly translate into economic benefits for our clients. A one-time investment premium of less than 1% of costs can increase energy efficiency 20-30% in comparison to standard building code practices.

Some examples of SGM's LEED MEP engineering design include Orange County Public Schools - Colonial 9th Grade Center, the Skanska Orlando Office, and the Geico Garage attached to the Amway Center. SGM currently employs LEED Accredited Professionals.

SGM is familiar with standards regarding LEED certification, as well as the following values of LEED certified buildings: lower operating costs/increased asset value, reduced waste sent to landfills, conservation of energy and water, healthier/safer environment for occupants, reduced harmful greenhouse gas emissions, the ability to qualify for tax rebates, and zoning allowances.

SGM has developed a set of guidelines that represents energy efficient and environmentally responsible practices. They are recommended in supporting a sustainable design checklist. For example, issues may include:

- Controllable systems (lighting and thermal comfort)
- Energy efficiency
- Environmentally sensitive design
- Protection and preservation of natural resources
- Energy-conscious design
- Water efficiency / conservation
- Increased materials reuse and recycling

- Environmentally sound building materials and construction
- Eliminating hazardous substances
- Improving indoor and outdoor air guality
- Materials selection
 - Recycled materials and content
 - Low-emitting materials selection
- Materials reuse

Attention has been given in the past to energy conservation and efficiency, water conservation, recycling, reduced use of ozone depleting substances, and avoidance of the use of certain harmful substances such as asbestos, lead based paints, and PCB's. The critical key to accomplishing the listed initiatives is an integral design approach, where the evaluation of any building element, material or system is not viewed solely on the basis of its own isolated merit and cost, but is designed and then appraised as an integrated part of the entire building, facility or infrastructure system.

Energy Conservation

In HVAC construction projects, opportunities exist to reduce energy consumption between 30 and 50 percent over current energy codes. SGM plans to use the following high efficiency equipment and energy conservation measures:

- High efficiency package units
- Energy efficient chillers with staging
- Gas boilers Use of CO2 sensors for indoor air quality
- Pumps with VFD's to reduce chilled & heating hot water flow based on demand
- Use of 0% 100% economizer cycles for all air handling units
- Air handlers that operate only when required to meet zone load

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED. By addressing peak cooling/heating demand requirements, daylighting strategies, plug loads, thermal mass characteristics of holding tanks, and reservoirs significant reduction in energy use can be created.

SGM will take the lead with local utility providers in analyzing energy conservation, first cost premiums, and pay back periods. The local power supplier, in conjunction with SGM, will prepare energy design and modeling analyses. Thorough review/design feasibility will be completed and appropriate equipment, systems/ efficiencies will be incorporated, allowing for the most efficient design. This approach will allow the SGM to make informed decisions and optimize the financial resources of the project.

COMMISSIONING

Commissioning (Cx) consists of systematically documenting specified components/systems have been installed and started up properly, then functionally tested to verify/document proper operation through all modes and conditions. In addition, personnel training will be verified and final project O&M documents will be reviewed for completeness.

SGM's team will follow a basic approach to every commissioning project produced through this contract which includes predesign commissioning for existing or new facilities, design phase, construction phase, acceptance phase, and warranty phase of commissioning. Should SGM be selected for this contract, our firm will guarantee substantial savings in the the City's operational costs. All commissioning efforts will be performed through SGM's in-house staff. At the beginning of each work authorization/task order or assignment, our approach will be as follow:

Systems to be Commissioned

The following systems, including all components and controls, will be commissioned:

- Central building automation systems (Energy Management & Control System), including linkages to remote monitoring and control sites
- All equipment of the heating, ventilating, and air conditioning systems
- Refrigeration systems
- Life safety systems (fire alarm, smoke control systems, fire protection)
- Domestic and process water pumping systems
- Emergency power and uninterruptible power supply (UPS) systems
- Lighting control systems
- Electrical systems
- Various special equipment systems, such as pneumatic tube systems
- Special Construction

Existing buildings

SGM proposes that the City considers retro-commissioning of all existing facilities. Our prior retro-commissioning projects have produced whole-building energy consumption reduction of 20 – 45%.

SGM takes a phased approach to existing building retro-commissioning. The first phase includes calibration of sensors and actuators, as well as unifying system environmental set-points. The second phase includes a close scrutiny of the facility building system schedules.

The third phase of the SGM retro-commissioning approach involves the optimization of the actual sequences that the building system uses to control the indoor environmental conditions. Many building owners mistakenly believe that the installation of a complete Building Automation System will cause a decrease in the utility bills for their facilities. A building automation system simply executes the instructional code as was programmed to do so. If the code was written poorly written then the building system continues to operate inefficiently indefinitely.

SGM's Commissioning team has great experience with existing building commissioning. A common scenario that we see is that the building may appear to operate well from an occupant comfort perspective, while energy consumption may be excessive. It is the goal of the SGM commissioning team to find the most efficient operation of the building system, while maintaining the comfort of the building occupants.

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED. Fundamental Commissioning Services

The typical scope for the SGM fundamental building commissioning services for new construction projects includes the following building systems:

HVAC&R systems

Innovative and renewable energy technologies

Lighting and day lighting controls

Enhanced Commissioning Services

The enhanced commissioning service provides additional value to the owner and provides all documentation necessary to obtain the LEED Energy & Atmosphere credit 3. This service often results in smoother project coordination, reduction in Requests for Information between the construction team and the design team, and an overall higher level of performance for the building. The additional enhanced commissioning scope, provided by SGM includes:

- Facilitate and lead a kick-off meeting with the design and construction teams to discuss the additional commissioning scope
- Review all design and specification documents in the design development, 50% construction document, and just prior to the 100% construction document phase
- Review of all applicable contractor submittal documentation
- Develop a complete systems manual documenting the pertinent data needed by the operations & maintenance teams to assure a smooth transition at substantial completion and during occupancy
- Coordinate and participate in all training sessions with the operations and maintenance staff
- Return to the building, 10 months after substantial completion to check systems operation, interview the
 operations & maintenance staff, and document open issues related to the commissioned systems

Although most of the complexity of the building systems in this particular contract appear to be related to HVAC and building automation, the other support systems must receive an adequate level of attention to detail. The commissioning team must contain technical experts in these other support building systems such as access control, lighting control, biological safety cabinet controls, and effluent decontamination treatment systems. SGM has assembled a team of experts in these ancillary building systems and can successfully complete the commissioning process.

As the project nears the end of the design phase, a comprehensive customized commissioning plan will be created, specific to this project. The plan will be divided into two distinct phases. There will be a design phase portion of the plan and a construction phase portion. The plan will strictly define the roles and responsibilities of each of the project participants as related to commissioning. The intent of the plan is to create an outline of the processes and responsibilities of all parties involved in the planning, design, construction and operation of the project. Commissioning is the process of achieving, verifying, and documenting the performance of building systems in accordance with the design intent and the client's functional and operational needs. Commissioning starts in the design phase and extends through the construction phase and into the warranty period.

Commissioning during the design phase is intended to achieve the following specific objectives:

- Provide commissioning focused design review
- Ensure that the design and operational intent are clearly documented
- Ensure that the commissioning for the construction phase is adequately documented in the bid documents.

Local Government Projects

SGM Engineering prides itself as a market leader in providing exceptional Mechanical, Electrical, and Plumbing design services for local government clients throughout the State of Florida. Our past performance outlines over 300 local government projects since 1991, directly providing Mechanical, Electrical, Plumbing, and Fire Protection. These projects include public safety, police stations, fire stations, street lighting, parks/recreational centers, jail/corrections facilities, museums, and more.