R-XX-2023 A Resolution Authorizing the Award of a Professional Services Contract to Murphy & Dittenhafter Architects in Connection with Architectural and Engineering Services for the City of Glenarden

City Council of the City of Glenarden, Maryland 1 2 2023 Legislation 3 4 5 **Resolution Number:** R-XX-2023 6 **Sponsor:** Derek D. Curtis, II, Council President 7 **Co-Sponsor:** At the request of the Administration 8 **Public Hearing:** Tuesday, September 13, 2022 9 **Session: Regular Session** 10 **Date of Introduction:** Monday, September 19, 2022 11 A RESOLUTION AUTHORIZING THE AWARD OF A PROFESSIONAL 12 13 SERVICES CONTRACT TO MURPHY & DITTENHAFTER ARCHITECTS IN CONNECTION WITH ARCHITECTURAL AND ENGINEERING SERVICES FOR 14 THE CITY OF GLENARDEN 15 WHEREAS, the City of Glenarden (City) requires the services of a consulting 16 17 architectural and engineering firm in connection with several projects in the City; and 18 WHEREAS, the City did solicit a Request for Proposals (RFP) For General Architectural and Engineering Services through the fair and open process, and evaluated each firm as to 19 20 its qualifications to provide these services; and 21 WHEREAS, the City is awarding this contract pursuant to Section 825 of the Charter of 22 the City of Glenarden: and 23 WHEREAS, Murphy and Dittenhafer Architects possess the necessary qualifications to 24 undertake the projects upcoming in the City and have submitted the attached proposal dated 25 May 27, 2022 to provide services. 26 NOW, THEREFORE, BE IT RESOLVED, by the City Council of Glenarden, Maryland 27 sitting in Regular Session this 19th day of September, 2022 as follows:

- 1. The Mayor or Council President is authorized to execute a professional services agreement in substantially the form of the attached with the firm of Murphy & Dittenhafer Architects for an Indefinite delivery/indefinite quantity (IDIQ) contract.
- 2. This agreement is awarded under Section 825 Professional Services Exception under the Charter.
- 3. A notice inviting proposals for contractors to submit bids has been in circulation for at least five days prior to the awarding of the contract in the newspaper.

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4. The award of this contract shall be subject to the condition that Murphy & Dittenhafer Architects, provide all necessary documentation as mentioned in the RFP.

Date Approved: ATTEST:	City Council of Glenarden
Victoria Lewis, Council Clerk	Derek D. Curtis, II, Council President
	Angela D. Ferguson, Council Vice Pres
	Erika L. Fareed, Councilwoman
	James A. Herring, Councilman
	Kathleen J. Guillaume, Councilwoman
	Maurice A. Hairston, Councilman
	Robin Jones, Councilwoman
Votes: Yes No Abstain	





CITY OF GLENARDEN, MARYLAND

Request for Proposal
2022-01
Architectural/Engineering (A/E)
Professional Services

Date: May 27, 2022 | 2:30PM

Frank E. Dittenhafer II, FAIA, LEED AP Murphy & Dittenhafer Architects 805 North Charles Street Baltimore, Maryland 21201 fed@murphdittarch.com

TAB 1)
COVER LETTER



May 27, 2022

Ms. Consuella Barbour, City Manager Office of the City Manager 8600 Glenarden Parkway Glenarden, MD 20706

Re: Request for Proposals (RFP) 2022-01

Architectural/Engineering (A/E) Professional Services

Dear Ms. Barbour,

Murphy & Dittenhafer, Inc. (M&D) is very pleased to provide this Proposal Submission in response to the City of Glenarden's Request for Proposals #2022-01 for Architectural/Engineering (A/E) Professional Services. The M&D Architectural/Engineering Team is well positioned to comprehensively and successfully complete the scope of services required by the City of Glenarden. Our Team's full understanding of the City's needs as demonstrated within the following proposal is highlighted by:

- Significant expertise with renovation, new construction, planning, design, and construction management
 within varied categories of work anticipated to be assigned under this local, municipal On-Call Contract
 including project components such as City Hall, Council Chambers, Parks/Playgrounds, and EV Charging
 Stations.
- Considerable similar experience with On-Call Contracts for many State, County, and local government entities throughout the State of Maryland as well as experience within Prince George's County.
- Comprehensive Architectural, Engineering, and Consulting Team with a long-standing history of successful collaborations on On-Call Contracts and the specific relevant project types.
- A team with exceptional **design creativity** and a focus on **cost-effective solutions** that respects budgets offering an exceptional **"Cost Benefit"** value to the City of Glenarden.
- Available workload capacity and proven capability to respond expeditiously to the City of Glenarden service task requests including the capability to undertake two (or more) projects simultaneously.

Let me emphasize that Murphy & Dittenhafer, Inc. is particularly interested in assisting the City of Glenarden and we have the relevant experience, available personnel and skills necessary to provide high-quality results which enhance the services and amenities provided to the City's community – and that maximize return on investment.

Please feel free to contact me with any questions.

Very truly yours,

Hul E. State I

Frank E. Dittenhafer II, FAIA, LEED AP, President

Murphy & Dittenhafer, Inc. 805 North Charles Street Baltimore, Maryland 21201 410•625•4823 410•625•4674 FAX



TAB 2)

SCOPE OF SERVICES/
PROJECT UNDERSTANDING/ PROJECT APPROACH

SCOPE OF SERVICES/PROJECT UNDERSTANDING/ PROJECT APPROACH



Project Understanding

M&D understands that this is an **On-Call contract** with the City of Glenarden for projects ranging from building renovations to site planning, and that the majority of projects will be smaller contracts that will be required to be completed in a **time-sensitive** manner. Projects might include new construction, renovations, space planning, and site planning. The anticipated scope of work will include schematic design through permit submission, bid assistance, and construction administration.

Our understanding is that the City has an immediate need for two specific projects:

The first project addresses the existing **Council Chambers** on the lower level of City Hall. This space requires a full renovation to accommodate Council members and community members returning to in person meetings. Work will include a new dias, seating for community members, new recording and video display systems, upgraded data and telecom systems, and new lighting and finishes throughout. The new space will be a **modern, well-appointed space** for the City Council and community to conduct business. The adjacent meeting space will also be affected by this work; the team will study the effects to determine any upgrades required as a result of the work in the Council Chambers.

The second project involves **general site planning** for a public park located at end of 7th Street. Work for this effort will include general site planning to locate a playground structure as well as a fitness station. Design considerations will include existing mature trees as well as site topography.

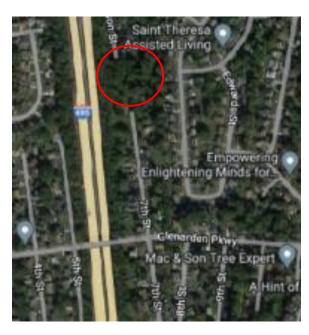
Other potential upcoming projects include electric charging stations at City Hall.

M&D's Team Approach to Implementing & Managing Projects

- Availability of Multiple Architectural Project Managers for optimal responsiveness to requests for service – and the ability to undertake multiple projects simultaneously, if needed.
- Respond quickly to requests for service:
 - Review anticipated project scope with City of Glenarden Project Manager.
 - Determine which Engineering and Consulting member firms may be needed based upon the project scope.
 - Visit the project site as needed (coordinate with team engineers/consultants as needed).
 - Develop a proposal for the assigned project to be submitted to the City, and which contains the scope of services to be
 provided, the anticipated phasing of such services, the City's budget for the work, anticipated duration of project phases,
 and a cost-effective fee for services.
- Schedule kick-off meeting (in person or virtual as appropriate) upon approval of our proposal and fee for services.









M&D's Team Approach to Implementing & Managing Projects, continued

- Develop Project schedule for City of Glenarden approval.
- Determine frequency and Schedule Project Meetings (in person or virtual as appropriate) to get these on everyone's schedules.
- Organize and manage the A/E Team to develop required deliverables based upon approved project phasing and schedule.
- Manage/focus A/E progress; thoroughly explore all design opportunities, cost savings measures, systems, code compliance measures, adjacencies, finishes, and complete/accurate documentation to achieve pleasing, productive municipal environments.
- Develop Construction Cost Estimates as needed to ensure the project can be constructed within the established budget.
- Work with the City of Glenarden to obtain all necessary Permits.
- Manage the competitive Bidding Process (as appropriate).
 - Provide comprehensive management and oversight services during project Construction: Ensure construction schedule and budget are met; minimize change orders; achieve Facility occupancy on schedule.
- Provide comprehensive management and oversight services during project Construction.
 - Ensure construction schedule and budget are met.
 - Minimize change orders.
 - Achieve Facility/Park occupancy/use on schedule.

Control of Project Scope and Cost

Management of scope and cost will be continuous throughout all City of Glenarden projects, punctuated by thorough reviews at the completion of each design stage and careful review of construction progress and observations during each construction site visit. We will work closely with our team to ensure a concentrated approach to the project is executed and we'll ensure our design is respectful of the intended budget. M&D will control the project cost by continuously monitoring scope and design in comparison to the allotted project budget to ensure constructability. We will continuously consider design solutions and alternatives to reconcile project cost and expectations, and as required, we will engage in true value engineering efforts to resolve any inconsistencies in overall budget.

Early and knowledgeable **code compliance analysis** is especially critical for the variety of project types anticipated through this On-Call contract – as code and occupancy regulations will create parameters that will inform possibilities and restrictions of the design, and further inform the project scope. Our **quality**



Mitchell Courthouse/Council Chambers Renovation



assurance reviews will ensure **clear and concise communication** of the scope to the City to avoid any oversights or unnecessary cost. Moreover, systematic reviews during the design and construction phases will eliminate scope "creep" and cost escalation and maintain accountability for all members of the team.

"Smart" Approach to Modernizing Aging Structures and Park Site Within Budget

M&D is recognized for our ability to creatively approach existing spaces and sites, connecting aging structures with progressive, contemporary elements that reinvent buildings/sites and prepare them for present-day and new uses, and which yield practical design solutions for renovation projects that are creative, resourceful, and appropriate to each site and/or situation. **Our approach** entails **maximizing design opportunities appropriately** – at the right locations and spaces within the program area, and not unnecessarily "over-designing" certain spaces – and ensuring the site features are enhanced by the design. We have received many awards and much recognition for renovation projects which revive and reinvent aging structures. Our team approaches challenging spaces with ingenuity to holistically enhance the user experience.

TAB 3)

QUALIFICATIONS/ STANDARD FORM 330

			Α	RCHITECT - EN	NGINEER	R QUALIFICAT	IONS	
				PART I – CONTRA	CT SPECIF	FIC QUALIFICATI	ONS	
				A. CON	ITRACT INFO	DRMATION		
			D LOCATION (City and State)		(61			
			tural/Engineering (A/E) Pro	ofessional Services – C	ity of Glena	,		
			OTICE DATE . 2022			3. SOLICITATION OR F	PROJECT NUMBER	
	ДРІП	25,	, 2022	D ADCUITECT	ENCINEED	POINT OF CONTACT		
4.	NAME	AN	D TITLE	B. ARCHITECT -	ENGINEER	POINT OF CONTACT		
	Frank	κ E.	Dittenhafer II, FAIA, LEED	AP, President				
	NAME							
			& Dittenhafer, Inc.					
			NE NUMBER	7. FAX NUMBER		8. E-MAIL ADDRESS	and a sec	
	410-6	o25	-4823	410-625-4674	PROPOSED	fed@murphditta	arcn.com	
			(Comp.	lete this section for the		actor and all key subo	contractors.)	
-	(Chec	k)	9. FIRM N	AME	10.	ADDRESS	11. ROLE IN THIS CONTRACT	-
	PRIME	SUB						
a.	X		Murphy & Ditte	nhafer, Inc.		. Charles Street ore, MD 21201	Architecture & Overall Project Management	
				in a la c				
b.		X	KES Engineer	ing, inc.		Voodside Court Suite 220	Mechanical, Electrical, Plumbing, &	Fire
٠.		^	MBE # 00	-316		bia, MD 21046	Protection Engineering	
			[] CHECK IF BRANCH OFFICE					
c.		X	Triad Engine	ering, Inc.		Sherman Avenue own, MD 21740	Civil, Geotechnical, and Traffic Engineering and Landscape Architecture	
			Cagley & Asso	sciates Inc				
d.		X				ecutive Boulevard	Structural Engineering	
			MBE # 0	7-228	Rockv	ille, MD 20852		
			[] CHECK IF BRANCH OFFICE					
e.		X	Convergent Technologie WBE # 12		6501 York Road Baltimore, MD 21212		Data, Telecommunication, & Secu Consulting	rity
f.		X	CostCon Constructi	on Services, Inc.		d Cranberry Drive wille, MD 21032	Cost Estimating	
g.		X	Aria Environn WBE # 0			Enterprise Street ville, MD 21784	Hazardous Materials Consulting	Į.
h.			[] CHECK IF BRANCH OFFICE					
7	OBC	A 1-11	ZATIONAL CHART OF PRO-	POSED TEAM			[V1 /Aucho-II	
D.	ORG	AN	ZATIONAL CHART OF PRO	POSED TEAM			[X] (Attached)	



CITY OF GLENARDEN, MARYLAND

Architectural/Engineering (A/E) Professional Services 2022-01

MURPHY & DITTENHAFER

Architecture & Overall Project Management

Frank E. Dittenhafer II, FAIA, LEED AP – Principal in Charge
Stefanie J. Tincher, AIA – Project Manager

Kevin S. Stick – QA/QC | Construction Administrator

Jonathan A. Taube, Associate AIA – Architectural Designer | Digital Visualization Specialist

KES ENGINEERING

Mechanical, Electrical, Plumbing, & Fire Life Safety Engineering

MBE #00-316

Kesuith Smith, PE – Project Mechanical Engineer
Karl M. Gumnick – Project Electrical Engineer
Mina Hutchinson – Electrical Engineer

CAGLEY & ASSOCIATES

Structural Engineering

MBE #07-228

Frank S. Malits, PE – Principal Structural Engineer

COSTCON CONSTRUCTION SERVICES

Cost Estimating

Lloyd Bernstein – President Chief Estimator

TRIAD ENGINEERING

Civil, Geotechnical, & Traffic Engineering & Landscape Architecture

Billie J. Swailes, PE – Professional Civil Engineer

Eric H. Iser, PE – Civil Project Engineer

Steve J. Gyurisin, PE – Professional Geotechnical Engineer

CONVERGENT TECHNOLOGIES DESIGN GROUP

Data/Telecom/Security Consulting

WBE #12-060

D. William Holaday, CTS-D, DMCD, VSSD – Design Principal Brian Whitlock, CTS-D, RCDD, DMC-D – Telecom and Security Principal

Alexander Good, CTS-D, DMC-T-4K - Senior Designer

ARIA ENVIRONMENTAL

Hazardous Materials Consulting

WBE #04-010

Julie Barth, CIH, CSP, LEED Green Associate – Certified
Industrial Hygienist
Brian Sciorilli – Environmental Engineer

		EY PERSONNEL PI plete one Section E		FOR THIS CONTRAC	т	
12.	NAME	13. ROLE IN THIS C		/ person.)	1	4. YEARS EXPERIENCE
	Frank E. Dittenhafer II, FAIA, LEED AP	Principal in C	harge		a. TOTAL	b. WITH CURRENT FIRM 34
	FIRM NAME AND LOCATION (City and State) Murphy & Dittenhafer Architects, Baltimore, Mar	yland		A Mu	rphy&	Dittenhafer
16.	EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRE	ENT PROFESSIONAL RE	GISTRATIC	DN (STATE AND DISCIPLINE)
	Master of Architecture, University of Pennsylvania	а	Mary	land, Architecture	Pennsyl	vania, Architecture
	Bachelor of Science in Architecture, Pennsylvania	State University	Virgin	ia, Architecture	Delawar	e, Architecture
18.	OTHER PROFESSIONAL QUALIFICATIONS (Publications, Org	ganizations, Training, Av	wards, etc.)			
	LEED Accredited Professional; American Institute University Advisory Board; Charles Street Develop					
	Member; Garrett Jacobs Museum Endowment Fu			erriber, barennore of	ity i done i	, are commission board
	,	19. RELEVANT		,		
	(1) TITLE AND LOCATION (City and State)				(2) YEAR CO	
	Mitchell Courthouse Renovation			PROFESSIONAL SER	VICES	CONSTRUCTION (If Applicable)
	Baltimore, Maryland	(On-Call Contra	ct Project)	2019		2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPE	CIFIC ROLE		X Check if project per	formed with	current firm
a.	M&D provided comprehensive Architectural and	Fngineering Serv	ices relate			
	of the Clarence Mitchell Courthouse. M&D initia	-				
	groups and judges, and as a result prepared seve					= -
	selected as the most beneficial. Renovations incl					
	20,000 Construction Cost: \$1.6M		· · · · ,	,		
	(1) TITLE AND LOCATION (City and State)				(2) YEAR CO	OMPLETED
	Sarah's Hope Site Improvements			PROFESSIONAL SERV	VICES	CONSTRUCTION (If Applicable)
	Baltimore, Maryland			2017		2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPE	CIFIC ROLE		X Check if project per	formed with	current firm
b.	This project dramatically improved the overall as	esthetic and usable	e function	<u>.</u> !!		
υ.	b. This project dramatically improved the overall aesthetic and usable function of the site impervious surface and providing new green space totaling approximately 16,200 sf of					
	community playground space. The two immense parking areas were reduced in size to accommodate actual occupant needs,					
	relocated, and lowered to align with the elevation					
	and front of the site to treat 100% of rainfall. SF :					areBroam, resures at the real
	(1) TITLE AND LOCATION (City and State)				(2) YEAR CO	OMPLETED
	Spring Garden Township Municipal Complex	Building and		PROFESSIONAL SERV		CONSTRUCTION (If Applicable)
	Violet Hill Recreation Park, York, Pennsylvania	_		2021		2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPE			X Check if project per	formed with	ourrent firm
•			Doorooti	<u>.</u> !!		
c.	M&D designed a new Municipal Building for Adn new Outdoor Recreation Facility to be construct					_
	development plan, stormwater management and					
	hardscape, and parking. The Design team worker			-		
				in \$2M under budget. SF: 24,000 Const. Cost: \$8.1M		
	(1) TITLE AND LOCATION (City and State)	- 101 (1110 30 (11116)	Jido Carrie		(2) YEAR C	
	City of Frostburg Public Safety Building			PROFESSIONAL SER	. ,	CONSTRUCTION (If Applicable)
	Frostburg, Maryland			2021		2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPE	CIEIC POLE		Value		
				X Check if project perfo		
d.	M&D initially prepared a Planning and Feasibility					
	potential renovation and additions. The renovati					-
	ability to consolidate to consolidate the City Adn					_
	add a Public Meeting room for use for a variety of SF: 14,000 Construction Cost: \$4.8M	of City functions, r	iew offices	s for City Hall, and Ir	nprovea i	Police Department space.
					(0) \(\(\bar{\bar{\bar{\bar{\bar{\bar{\bar{	OMBI ETED
	(1) TITLE AND LOCATION (City and State)			PROFESSIONAL SER	(2) YEAR CO	OMPLETED CONSTRUCTION (If Applicable)
	Forum Office Building Renovation			2023 (es		2023 (est.)
	Harrisburg, Pennsylvania	0.510 0.51				
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPE			X Check if project p		
	Extensive renovation of the Forum Office Buildin	-				
	envelope restoration; modernized, open office w					
	the State Law Library; and public lobby/restroom	n renovations with	iin a phase	d, occupied setting	. SF: 379,0	000 Const. Cost: \$88M

		KEY PERSONNEL P		FOR THIS CONTRAC	т	
12.	NAME	13. ROLE IN THIS CO		y person.)	14	1. YEARS EXPERIENCE
	Stefanie J. Tincher, AIA	Project Manag	ger		a. TOTAL 20	b. WITH CURRENT FIRM
15.	FIRM NAME AND LOCATION (City and State) Murphy & Dittenhafer Architects, Baltimore, Mai	ryland		A Mu		Pittenhafer
16.	EDUCATION (DEGREE AND SPECIALIZATION)	•	17. CURRE	ENT PROFESSIONAL RE	GISTRATIO	N (STATE AND DISCIPLINE)
	Master of Architecture, 2005			land, Architecture		,
	University of Virginia		,			
	OTHER PROFESSIONAL QUALIFICATIONS (Publications, Or	-				
	American Institute of Architects Member; Previo	us Commissioner o	of Rockville	e Historic District Co	mmission	
	(1) TITLE AND LOCATION (City and State)	19. RELEVANT	PROJECTS		(2) YEAR CO	MDI ETED
	William Donald Shaefer Tower Building Cond	ditions Assessment	and	PROFESSIONAL SERV		CONSTRUCTION (If Applicable)
	Part I & Part II Program, Baltimore, Maryland			2022		2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SP	ECIFIC ROLE		X Check if project perf	formed with c	current firm
a.	, , , , , , , , , , , , , , , , , , , ,		_			
	as a commercial office building in 1986. The property primarily houses office Building Code Analysis will be performed as part of the Building Assessment the Part I & II Programs. SF: 305,400 Construction Cost: N/A – Study			_		
	(1) TITLE AND LOCATION (City and State)				(2) YEAR CO	MPLETED
	City of Annapolis Judge's Chambers Renovat	ion		PROFESSIONAL SERV	VICES	CONSTRUCTION (If Applicable)
h	Annapolis, Maryland			2022		2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			Check if project perf	ormed with co	urrent firm
Б.	 Project Architect coordinating efforts to renovate existing office space for the Spaces include the Chamber spaces, administrative space, offices, and rest space configuration to best meet the needs of users. SF: 2,500 Construction Cost: N/A 					
	(1) TITLE AND LOCATION (City and State)				(2) YEAR CO	
	City of Rockville Master Planning Rockville, Maryland			PROFESSIONAL SERV	VICES	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SP	ECIFIC ROLE		Check if project perf	ormed with co	urrent firm
c.	The City of Rockville required a master planning effort to renovate the existing City Hall in conjunction w building to accommodate all city government departments. Spaces included Council Chambers, public ar spaces for both staff and community members, offices, and support spaces. Document included existing requirements, and test fit options. SF: 100,000 Construction Cost: N/A - Study					d confidential meeting
	(1) TITLE AND LOCATION (City and State)				(2) YEAR CO	
	M-NCPPC Park Police Master Planning & Ren Landover, MD	novations		PROFESSIONAL SERV	VICES	CONSTRUCTION (If Applicable) 2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SP	ECIFIC ROLE		Check if project perfo	ormed with cu	irrent firm
d.	Project Architect coordinating Master Planning renovation of a newly purchased office building Spaces included detention areas, offices, and su SF: 90,000 Construction Cost: \$9.9M	to accommodate	Park Police	e Headquarters as w	ell as the o	· ·
	(1) TITLE AND LOCATION (City and State)				(2) YEAR CO	
	Legislative Services Building Assessment Annapolis, MD			PROFESSIONAL SERV		CONSTRUCTION (If Applicable)
•	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPI	ECIFIC ROLE		Check if project perfor	rmed with cur	rrent firm
e.	Project Architect for a Building Conditions Asses Information gathered for the purposes of inform support spaces. SF: 102,000 Construction Cost: N/A - Study			-		= -

		EY PERSONNEL PI plete one Section E		FOR THIS CONTRAC	т	
12.	NAME	13. ROLE IN THIS C		, pe.ce,		. YEARS EXPERIENCE
	Kevin S. Stick	QA/QC Con	struction A	Administrator	a. TOTAL 39	b. WITH CURRENT FIRM
	FIRM NAME AND LOCATION (City and State) Murphy & Dittenhafer Architects, Baltimore, Mar	yland				Pittenhafer
	EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRE	ENT PROFESSIONAL RE	EGISTRATION	N (STATE AND DISCIPLINE)
	Associate in Architectural Technology, 1981 Harrisburg Area Community College					
40		.				
18.	OTHER PROFESSIONAL QUALIFICATIONS (Publications, Org Certified: Professional Building Code, International			ernational Existing &	Building Ac	cessibility Code
		19. RELEVANT	PROJECTS	<u> </u>		
	(1) TITLE AND LOCATION (City and State)				(2) YEAR CO	
	Spring Garden Township Municipal Complex	_		PROFESSIONAL SER	VICES	CONSTRUCTION (If Applicable)
	Violet Hill Recreation Park, York, Pennsylvania			2021		2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPE	CIFIC ROLE		X Check if project per	formed with c	urrent firm
a.	M&D designed a new Municipal Building for Adn new Outdoor Recreation Facility to be construct development plan, stormwater management and hardscape, and parking. The Design team worked facilities that were needed and were appropriate \$8.1M	ed on the same si d erosion controls d closely with the	te. The site and is des Township'	e design met the reg signed to meet zoni s Recreation Comm	gulatory re ng require nittee to pr	quirements for a site ments for landscaping, ovide the recreational
	(1) TITLE AND LOCATION (City and State)			DDOFFOOIONIAL OFD	(2) YEAR CO	
	Harford County Sheriff's Office Building Reno			PROFESSIONAL SER 2018	VICES	CONSTRUCTION (If Applicable) 2018
	Bel Air, Maryland	(On-Call Contract	Project)	2016		2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPE	CIFIC ROLE		X Check if project per	formed with c	urrent firm
b.	An initial comprehensive master planning/scope confirmation led to upgrades, modernizations, and renovations to the Sheriff's Office building, including MEP and life safety systems, HVAC system, ceiling conditions, floor plan/layout, etc. A plan to have continuous occupancy during a phased construction approach was identified and implemented. The renovation created a more efficient floorplan/layout and improved work environment aesthetic. SF: 8,600 Construction Cost: \$3.8M					
	(1) TITLE AND LOCATION (City and State)				(2) YEAR CO	MPLETED
	New Severn Intergenerational Center Ellicott City, Maryland			PROFESSIONAL SER 2022 (es		CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPE	CIFIC ROLE		X Check if project perf	ormed with cu	urrent firm
c.	The new Severn Intergenerational Center will co	ntain a Senior Act	ivity Cente	er and a regional Bo	ys and Girl	s Club. The building is
	conceived as three primary masses connected by	y service wings th	at contain	two warming kitch	ens, mecha	anical rooms, and roof top
	equipment. The entry to the building is compose					
	spaces. The site also includes ample accessible parking spaces, walking paths that pass along the tree line, a patio, community					
	gardens and landscape buffer against Reed Road. SF: 28,000 Construction Cost: \$12M					
	(1) TITLE AND LOCATION (City and State)				(2) YEAR CO	MPLETED
	ABC Catherine Park New Construction & Rend	ovations		PROFESSIONAL SER	VICES	CONSTRUCTION (If Applicable)
	Baltimore, Maryland	(On-Call Contract	t Project)	2020		2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPE	CIFIC ROLE		X Check if project p	performed with	n current firm
d.	Under an On-Call Contract with Balt City Dept. o		renovation			
	will transform the park into a fun, engaging place					
	new, small building for community use with toile					
	park provides a new way in with signage and rep					
	(1) TITLE AND LOCATION (City and State)		'		(2) YEAR CO	IMPLETED
	Towanda Recreation Center Renovation			PROFESSIONAL SER		CONSTRUCTION (If Applicable)
	Baltimore, Maryland	(On-Call Contract	t Proiect)	2020		2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPE	,	, ,	X Check if project p	performed with	current firm
e.	Under an On-Call Contract with Balt City Dept. o		D designer			
	located in north Baltimore City, Maryland to imp					
	facility into a more welcoming and engaging spa entertainment and meeting areas for youth. SF :	ce. The main entr	ance open	s into a transforme		

	E. R	RESUMES OF KEY PERSONNEL P (Complete one Section E			СТ		
12.	NAME	13. ROLE IN THIS CONTRACT	. TOT EACT KEY PE	5 13011.)	14	1. YEARS EXPERIENCE	
	Jonathan A. Taube, Associate AIA	Architectural Designer D)igital Visualiza	ation Specialist	a. TOTAL	b. WITH CURRENT FIRM 5	
15.	FIRM NAME AND LOCATION (City and State) Murphy & Dittenhafer Architects, B	saltimore, Maryland		A R	rphy&l	Pittenhafer	
16.	EDUCATION (DEGREE AND SPECIALIZATI	ON)	17. CURRENT	PROFESSIONAL R	EGISTRATIO	N (STATE AND DISCIPLINE)	
	Master of Architecture, 2016						
	Tulane Graduate School of Architec	ture					
1.0	OTHER PROFESSIONAL QUALIFICATIONS	(Publications Organizations Training)	Awards etc.)				
10.	American Institute of Architects Ass		iwarus, etc.)				
	American institute of Architects Ass						
	(1) TITLE AND LOCATION (City and State)	19. RELEVANT	PROJECTS		(2) VEAD CC	MDI ETED	
		+-'- A++	P	ROFESSIONAL SER	(2) YEAR CC	CONSTRUCTION (If Applicable)	
	Carroll County Office of the Sta	ite's Attorney	'	2023 (est)		2023 (est)	
	Westminster, Maryland			2023 (631)		2023 (est)	
	(3) BRIEF DESCRIPTION (Brief scope, size,	cost, etc.) AND SPECIFIC ROLE	Х	Check if project p	performed with	n current firm	
a.	Study, and Master Plan for additio	The project includes an initial Space Planning and Programming Study for a new Office of the State's Attorney, as well as a Parking Study, and Master Plan for additional county buildings on the several acre County-owned parcel. M&D has work closely with Carroll County and the States Attorney's Office personnel to layout an efficient workspace that balances client privacy between					
	departments, unique space needs and advances in technology. SF : 20			collaborative de	sign that a	nticipates future growth	
	(1) TITLE AND LOCATION (City and State)				(2) YEAR CC		
	New Severn Intergenerational	Center	P	ROFESSIONAL SER	VICES	CONSTRUCTION (If Applicable)	
	Ellicott City, Maryland			2022 (est.)		2022 (est.)	
	(3) BRIEF DESCRIPTION (Brief scope, size,	cost, etc.) AND SPECIFIC ROLE	x	Check if project perf	formed with cu	irrent firm	
b							
b.	The new Severn Intergenerational Center will contain a Senior Activity Center and a regional Boys and Girls Club. The building is						
	conceived as three primary masses connected by service wings that contain two warming kitchens, mechanical rooms, and roof top						
	equipment. The entry to the building is composed of a shared "drop-off" canopy that leads to a shared vestibule between the tenan spaces. The site also includes ample accessible parking spaces, walking paths that pass along the tree line, a patio, community						
					e tree iine,	a patio, community	
	gardens and landscape buffer again	inst Reed Road. 3F: 28,000 Co	nstruction Co	St: \$12IVI			
	(1) TITLE AND LOCATION (City and State)		D	ROFESSIONAL SER	(2) YEAR CC	OMPLETED CONSTRUCTION (If Applicable)	
	Spring Garden Township Munic			2021	V1020	2021	
	Violet Hill Recreation Park, Yorl	k, Pennsylvania		2021		2021	
	(3) BRIEF DESCRIPTION (Brief scope, size,						
	(-)	cost, etc.) AND SPECIFIC ROLE	Х	Check if project per	formed with c	current firm	
c.	M&D designed a new Municipal B		1	. , .			
c.		uilding for Administration, Polic	ce, Recreation	, Council Chamb	ers, and Pu	ıblic Meetings, as well as a	
c.	M&D designed a new Municipal B	uilding for Administration, Polic o be constructed on the same s	ce, Recreation, lite. The site d	, Council Chambe	ers, and Pu gulatory re	ablic Meetings, as well as a equirements for a site	
c.	M&D designed a new Municipal B new Outdoor Recreation Facility to	uilding for Administration, Polic o be constructed on the same s anagement and erosion control	ce, Recreation, lite. The site do s and is design	, Council Chambo esign met the re ned to meet zoni	ers, and Pu gulatory re ng require	ablic Meetings, as well as a equirements for a site ments for landscaping,	
c.	M&D designed a new Municipal B new Outdoor Recreation Facility to development plan, stormwater ma	uilding for Administration, Polic o be constructed on the same s anagement and erosion control in team worked closely with the	ce, Recreation, lite. The site do s and is design Township's R	, Council Chambo esign met the re ned to meet zoni Recreation Comn	ers, and Pugulatory re ng require nittee to pr	ablic Meetings, as well as a equirements for a site ments for landscaping, rovide the recreational	
c.	M&D designed a new Municipal B new Outdoor Recreation Facility to development plan, stormwater ma hardscape, and parking. The Desig	uilding for Administration, Polic o be constructed on the same s anagement and erosion control in team worked closely with the	ce, Recreation, lite. The site do s and is design Township's R	, Council Chambo esign met the re ned to meet zoni Recreation Comn	ers, and Pugulatory re ng require nittee to pr	ablic Meetings, as well as a equirements for a site ments for landscaping, rovide the recreational 2000 Construction Cost:	
C.	M&D designed a new Municipal B new Outdoor Recreation Facility to development plan, stormwater may hardscape, and parking. The Desig facilities that were needed and we (1) TITLE AND LOCATION (City and State)	uilding for Administration, Polic to be constructed on the same s anagement and erosion control on team worked closely with the ere appropriate for this setting.	ce, Recreation, ite. The site do s and is design e Township's R Bids came in S	, Council Chambo esign met the re ned to meet zoni Recreation Comn	ers, and Pugulatory regulatory regulatory require nittee to pret. SF: 24,0 (2) YEAR CC	ablic Meetings, as well as a equirements for a site ments for landscaping, rovide the recreational 2000 Construction Cost:	
c.	M&D designed a new Municipal B new Outdoor Recreation Facility to development plan, stormwater may hardscape, and parking. The Desig facilities that were needed and we (1) TITLE AND LOCATION (City and State) ABC Catherine Park New Const	uilding for Administration, Police to be constructed on the same seanagement and erosion controler team worked closely with the ere appropriate for this setting.	ee, Recreation, lite. The site do s and is design Township's R Bids came in S	, Council Chambo esign met the re ned to meet zoni Recreation Comm \$2M under budg	ers, and Pugulatory regulatory regulatory require nittee to pret. SF: 24,0 (2) YEAR CC	republic Meetings, as well as a equirements for a site ments for landscaping, rovide the recreational 2000 Construction Cost:	
c.	M&D designed a new Municipal B new Outdoor Recreation Facility to development plan, stormwater may hardscape, and parking. The Desig facilities that were needed and we (1) TITLE AND LOCATION (City and State) ABC Catherine Park New Const Baltimore, Maryland	uilding for Administration, Police of the constructed on the same so an agement and erosion controles the team worked closely with the ere appropriate for this setting. Truction & Renovations (On-Call Contractions)	ce, Recreation, ite. The site design of the Township's Residue to the Township's Residue to the Township's Residue to the Toylor	, Council Chambo esign met the re ned to meet zoni Recreation Comn \$2M under budg ROFESSIONAL SER 2020	ers, and Pu gulatory re ng require nittee to pr et. SF: 24,0 (2) YEAR CC	ablic Meetings, as well as a equirements for a site ments for landscaping, rovide the recreational 2000 Construction Cost: CONSTRUCTION (If Applicable) 2022	
c.	M&D designed a new Municipal B new Outdoor Recreation Facility to development plan, stormwater may hardscape, and parking. The Desig facilities that were needed and we (1) TITLE AND LOCATION (City and State) ABC Catherine Park New Const Baltimore, Maryland (3) BRIEF DESCRIPTION (Brief scope, size, const parts of the parts of t	uilding for Administration, Police to be constructed on the same so an agement and erosion control on team worked closely with the ere appropriate for this setting. Truction & Renovations (On-Call Contractions, etc.) AND SPECIFIC ROLE	ce, Recreation, ite. The site do s and is design to Township's R Bids came in S P ct Project)	, Council Chambe esign met the re- ned to meet zoni Recreation Comm \$2M under budg ROFESSIONAL SER 2020	ers, and Pugulatory regulatory regulatory regulatory regulate to pret. SF: 24,0 (2) YEAR COVICES	ablic Meetings, as well as a equirements for a site ments for landscaping, rovide the recreational 2000 Construction Cost: MPLETED CONSTRUCTION (If Applicable) 2022	
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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME
Kesuith Smith, P.E.

13. ROLE IN THIS CONTRACT
Project Mechanical Engineer

14. YEARS EXPERIENCE
a. TOTAL
b. WITH CURRENT FIRM
39
24

15. FIRM NAME AND LOCATION (City and State)KES Engineering, Inc.7061 Deepage Drive, Suite 103BColumbia, MD 21045



16. EDUCATION (DEGREE AND SPECIALIZATION)

MS/ Engineering/ 1988/ The Catholic University of America BSME/ 1985/ Howard University

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Aug. 1992 / PE / DC Reg. No.: 9806 / Mechanical Sept.1995 / PE / Maryland Reg. No.: 21524 / Mechanical Mar. 1998 / PE / Virginia Reg. No.: 032541 / Mechanical

Dec. 2012/ PE / Pennsylvania Reg. No.: PE080541 / Mechanical

- 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
 - 1. American Society of Mechanical Engineers
 - 2. American Society of Heating, Refrigerating & Air-Conditioning Engineers.

19. RELEVANT PRO	JECTS	
(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED
Fairmont High School Replacement, Prince Georges County, Maryland	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	2012	2017
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Plumbing and Fire Protection Engineer for design of new hig designed to meet LEED Gold criteria. The plumbing system includes a commercial kitchen. The fire protection systems include wet pipe s construction budget is approximately \$74 million. (July 2008 – Nov 2	multiple toilet rooms, commercial gas prinkler system and stand-pipe fire pro	The building is being ifired water heater an
(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED
Hyattsville Area Elementary,	PROFESSIONAL SERVICES	CONSTRUCTION (if
Prince Georges County, Maryland	2011	2013
Project Plumbing Engineer for design of new Elementary school of a meet LEED Gold criteria. The plumbing system includes multiple toil commercial kitchen. The construction budget is \$24 million. (June 20)	et rooms, commercial gas fired water	s being designed to
(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED
Palmer Park Community Center, Prince Georges County, Maryland.	PROFESSIONAL SERVICES	CONSTRUCTION (if
	2015	2015
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		med with current firm
Project Mechanical Engineer and Project Manager for MEP design. I renovation of approximately 6,100 SF of existing facility and addition mechanical calculation for HVAC systems, selected HVAC equipment controls system, prepared specification for HVAC system, and provides the system of the system	of approximately 25,900 SF new builnt, designed ductwork distribution systems.	ding. Carried out tem, designed HVAC
(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED
Maryland-National Capital Park and Planning Commission	PROFESSIONAL SERVICES	CONSTRUCTION (if
	2005	2005
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	Check if project perf	ormed with current firm
Project Mechanical Engineer and MEP Project Manager for eight (8) Maryland. Renovations included HVAC, Plumbing, Fire alarm, Fire p renovations/modifications and upgrading.	park facility renovations located in Pr	ince George's County
(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED
Berwyn Heights Elementary School, Prince Georges County, Maryland	PROFESSIONAL SERVICES	CONSTRUCTION (if
	2002	2002
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	☑ Check if project perfor	med with current firm
Project Mechanical Engineer and Project Manager for MEP design. I mechanical systems complying with the Maryland Department of Ge		

of new mechanical systems for 33,000 S.F. of existing facility total renovation and 10,000 S.F. of new educational facility.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME
Karl M. Gumnick
Project Electrical Engineer

14. YEARS EXPERIENCE
a. TOTAL
b. WITH CURRENT FIRM
37
7 Years

15. FIRM NAME AND LOCATION (City and State)KES Engineering, Inc.6325 Woodside Court, Suite 220Columbia, MD 21046



16. EDUCATION (DEGREE AND SPECIALIZATION)

B.S./ Electrical Engineering/1986/ Johns Hopkins University

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

2005/ Professional Engineer (PE) Maryland No.: 32062 / Electrical 1995 / CDT Certified Documents Technologist

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Institute of Electronic and Electrical Engineers (IEEE) Construction Specifications Institute (CSI)

	19. RELEVANT PROJECTS					
	(1) TITLE AND LOCATION (City and State)	(1) YEAR	COMPLETED			
	Pimlico Elementary/Middle School, Baltimore City Public Schools,	PROFESSIONAL SERVICES	CONSTRUCTION (if			
	Maryland	2018	2018			
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE					
	Project Electrical engineer responsible for entire electrical system design and 117,600 sq. ft. The electrical system includes normal and emergency power distremergency generator sizing and MEMA coordination, coordination with BGE for	ribution, interior and ext	erior lighting, fire alarm,			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED			
	Arlington Elementary/Middle School, Baltimore City Public Schools	PROFESSIONAL SERVICES	CONSTRUCTION (if			
		2019	2019			
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project perfo	rmed with current firm			
	Project Electrical engineer responsible for entire electrical system design and spe 120,000 sq. ft. The electrical system includes normal and emergency power distriemergency generator sizing and MEMA coordination, coordination with BGE for	bution, interior and exte	rior lighting, fire alarm,			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED			
	Maryland Port Authority- DMT-Mestek Redevelopment-Baltimore, Maryland	PROFESSIONAL SERVICES	CONSTRUCTION (if			
		2017	2017			
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	☐ Check if project perform	med with current firm			
C.	Project electrical engineer with responsibility for the development of deconstruction and new work drawings and specifications for new vehicular access facility at the Port of Baltimore. The Electrical system involves underground medium voltage upgrade, site lighting for the new site as well as power distribution and lighting for new guard booth. Also provided design and specification for emergency standby generator.					
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED			
	Palmer Park Community Center, Prince Georges County, Maryland.	PROFESSIONAL SERVICES	CONSTRUCTION (if			
		2015	2015			
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	☐ Check if project perform	med with current firm			
u.	Project Electrical Engineer responsible for total renovation of approximately 6,10 approximately 25,900 SF new building. Carried out electrical calculation and des lighting, fire alarm systems. Also prepared specification electrical systems and property of the control of the	igned power distribution	n, interior and exterior			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED			
	Community College of Baltimore County, Central Plant Boiler and Chiller	PROFESSIONAL SERVICES	CONSTRUCTION (if			
	Replacements, Baltimore, Maryland	2007	2009			

e.

☐ Check if project performed with current firm

Project Electrical Engineer for replacement of boilers and chillers. Provided two separate designs and specifications contracts for these replacements. Electrical work primarily was to investigate existing electrical system to support and repower the new equipment. A new Motor Control Center was required.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.) 13. ROLE IN THIS CONTRACT 12. NAME 14. YEARS EXPERIENCE a. TOTAL b. WITH CURRENT FIRM Mina Hutchinson **Electrical Engineer** 14 15. FIRM NAME AND LOCATION (City and State) KES Engineering, Inc. 6325 Woodside Court, Suite 220 Columbia, MD 21046 16. EDUCATION (DEGREE AND SPECIALIZATION) 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) B.S. – 2010 – Rochester Institute of Technology, Rochester, New York, USA 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) 19. RELEVANT PROJECTS (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (if Arlington Elementary/Middle School, Baltimore City Public Schools, applicable) Maryland. 2019 2019 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE X Check if project performed with current firm Electrical engineer responsible for detailed design of normal and emergency power distribution and circuiting, fire alarm, a. interior and exterior lighting calculation and selection of light fixtures in coordination with project architect and space program. Designed lighting control system to meet energy conservation code and LEED requirements. Coordinated Electrical design with Plumbing, and Fire protection systems to avoid clashes. The new facility is approximately 120,00 sq. ft. The design scope involves the partial demolition of the facility followed by total renovation and addition of completely new sections to the school. The project design is pursuing LEED Gold certification under the LEED for School Certification. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED Pimlico Elementary/Middle School, Baltimore City Public Schools, PROFESSIONAL SERVICES CONSTRUCTION (if b

	Maryland	2018	2018			
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE					
b.	Electrical engineer responsible for detailed design of normal and emergency pow					
	lighting calculation and selection of light fixtures. Designed lighting control syst					
	LEED requirements. Coordinated Electrical design with Plumbing, and Fire protection systems to avoid clashes. The project					
	design is pursuing LEED Gold certification under the LEED for School Certification. The facility is 117,600 sq. ft.					
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED			
	Mary E. Rodman Elementary School, Baltimore City Public Schools.	PROFESSIONAL SERVICES	CONSTRUCTION (if			
	Maryland.	2018	2020			
_	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	☑ Check if project perfo	ormed with current firm			
с.	Electrical engineer responsible for interior and exterior lighting calculation and s project architect. Designed lighting control system to meet energy conservation c lighting design with electrical power systems design, Plumbing, and Fire protecti approximately 73,500 sq. ft. and involves total MEP systems replacement and co	code and LEED required to systems to avoid cla	ments. Coordinated shes. The facility is			

(1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (if University of Maryland Medical Center - Anatomic Pathology Lab, Baltimore, MD 2017 2017

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

🗵 Check if project performed with current firm Electrical designer responsible for BIM and CAD design and interdisciplinary coordination. Provided detailed design of normal and emergency power distribution, fire alarm, interior lighting calculation, lighting control system, and selection of light fixtures. This 14-phase project involves the complete renovation of the entire APL lab of approximately 11,000 sf. The design complied with Baltimore City Green Building standards.

(1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (if NCI Director's Office Space Modification - National Cancer Institute/NIH 2016 2016 (3) (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

d.

e.

★ Check if project performed with current firm

Provided detailed electrical design and coordination of the lighting design with the client. The project had very tailored requirements for the end-user lighting and power density which required a large amount of coordination between NCI and KES. Multiple lighting calculations were produced to ensure the desired lighting levels, aesthetic, and code requirements were met.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.) 14. YEARS EXPERIENCE **12. NAME** 13. ROLE IN THIS CONTRACT Billie J. Swailes. PE Professional Engineer (Civil) a. TOTAL b. WITH CURRENT FIRM 33 15. FIRM NAME AND LOCATION (City and State) Triad Engineering, Inc. (Washington County, MD) 16. EDUCATION (Degree and Specialization) 17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Hagerstown Junior College, AAS, Mechanical Engineering Technology 1991 P.E. #34688 (Maryland) 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Swailes is currently Practice Leader of the Civil Engineering Department. In this capacity, he is responsible for implementing the following facets of design and layout: storm water management plans, water quantity control and water quality through Environmental Sensitive Design BMPs, storm drainage system analysis, floodplain hydrology and hydraulic studies, detailed grading plans, erosion sediment control plans, sanitary sewer systems design and plans, water distribution and service design and plans, landscape plans, permitting through local, state and federal agencies, and land planning. 19. RELEVANT PROJECTS (2) YEAR COMPLETED (1) TITLE AND LOCATION (City and State) PROFESSIONAL SERVICES **CONSTRUCTION** (If applicable) Town of Boonsboro, MD - On Call Town Engineer Consultant 2006-Present (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm Senior Engineer responsible for review of development plans within the Town, to include roadway, stormwater, utility and drainage. Also in this capacity responsible for design of projects like remediation at the Keedysville spring headworks for the Town's water supply, and design plans for replacement of water main and laterals for Mapleville Road. Have also performed inspection and analysis of existing sewer lines for I&I and FOG backups. (2) YEAR COMPLETED (1) TITLE AND LOCATION (City and State) PROFESSIONAL SERVICES **CONSTRUCTION** (If applicable) Frederick County IDIQ, Task Order, Maintenance Facility Renovations, 2019-Present On-going Frederick County, MD

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm Senior Engineer and Project Manager for IDIQ Contract with Frederick County as part of a design team led by Murphy & Dittenhafer Architects. Task order to provide civil design services for renovations/upgrades to County yard areas, drainage/stormwater management, grading, paving, utilities and other broad site upgrades at their Maintenance Facility. (2) YEAR COMPLETED (1) TITLE AND LOCATION (City and State) PROFESSIONAL SERVICES CONSTRUCTION (If applicable) City of Gaithersburg IDIQ Contract for Citywide Improvements, 2015-Present On-going Gaithersburg, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm Senior Civil Engineer and project manager for IDIQ contract with City of Gaithersburg. Triad was first awarded this contract in 2015 and has served the City through this contract consistently to present through a series of renewal options. Triad has worked on many design projects through this contract including, but not limited to, redevelopment of former Consumer Product Safety Commission facility into a new park facility and the redevelopment of MedImmune Park

(1) TITLE AND LOCATION (City and State)
Frederick County IDIQ for Landscape Architecture and Engineering
Services, Frederick County, MD

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
Senior Civil Engineer Triad in partnership with landscape architecture firm, Human & Rohde, Inc. has consistently maintained a contract with Frederick County for park and recreation projects. Projects have included design of new parks, redesign and/or expansions to existing parks, design of various park facilities, buildings and infrastructure such as roadways, trails, bridges and parking. Mr. Swailes has served as the Senior Civil Engineer on numerous projects through this contract...

(1) TITLE AND LOCATION (City and State)

Prince Georges Community College, Largo, MD

(2) YEAR COMPLETED

PROFESSIONAL SERVICES
2017

CONSTRUCTION (If applicable)
2018

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Serior Engineer recognishly for the design of site features in support of reposition/addition project to existing 3 stary places communitying.

Senior Engineer responsible for the design of site features in support of renovation/addition project to existing 3-story classroom building. The footprint of the building addition was approximately 19,000 square feet. Design features included utility relocations, storm water management, storm drain system, and permitting through local and state agencies.

AUTHORIZED FOR LOCAL REPRODUCTION STANDARD FORM 330

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Eric H. Iser, PE 13. ROLE IN THIS CONTRACT Project Engineer (Civil) a. TOTAL b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION (City and State) Triad Engineering, Inc. (Washington County, MD)

CSIAD

16. EDUCATION (Degree and Specialization) BS/Civil Engineering, WVU

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
PE#15062, WV

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Iser is currently a Project Engineer in the Civil Engineering Department. In this capacity, he is responsible for the design and layout of residential, institutional, commercial, industrial, roadway, utility, and water resource projects. These include the following facets of design and layout: storm water management plans, water quantity control and water quality through Environmental Sensitive Design Best Management Practices, storm drainage system analysis, detailed grading plans, erosion sediment control plans, sanitary sewer systems design and plans, water distribution and service design and plans, landscape plans, dam remediation plans, roadway engineering and construction design and plans, permitting through local, state and federal agencies, and land planning. Not only is he responsible for the designs but also for working with the client, attending public meetings, and processing the plans through the review agencies to obtain final approvals for permitting.

	ith the client, attending public meetings, and processing the plans through the residue of the plans through the plant through the p		. , ,
		(2) YEAR CO	MDI ETED
	(1) TITLE AND LOCATION (City and State) Utica Farm Stead Trail Frederick County IDIQ for Landscape Architecture and Engineering Services, Frederick County, MD	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
а	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer responsible for design services in support of project to crea purpose for the new trail was to connect the parking lot at the farmhouse to su site plan, improvement plan, erosion and sediment control and stormwater madocuments and construction administration during the construction bidding pro	nte 1,500 linear feet of new trail a currounding outbuildings and barn canagement plans. We also provid	structure. Triad provided
	(1) TITLE AND LOCATION (City and State)	(2) YEAR CO	
	Middletown Park Rehabilitation and Expansion Frederick County IDIQ for Landscape Architecture and Engineering Services, Frederick County, MD	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
b	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer Park expansion goals were focused on the eastern section playground areas, restrooms, upgrades to existing pond, and more. In addition components that have reached the end of their life cycle such as signage, pay road and parking lot improvements. Civil services included preparation of story erosion sediment control plan.	of the park and proposed addition, project included plans to improving, building upgrades, existing	ove existing park athletic facilities, entrance
	(1) TITLE AND LOCATION (City and State)	(2) YEAR CC	MPLETED
	Utica District Park Phase II, New Park Design Frederick County IDIQ for Landscape Architecture and Engineering Services, Frederick County, MD	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2016
С	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer The project consisted of providing civil engineering design bridge over a wetland/stream, 3 multi-purpose fields, lighting of fields in existic associated parking areas, and the grading for 2 baseball and an additional mucivil design plans for a new synthetic turf field that was included as an alternal management water quality structures that eliminated the need for large ponds ESD non-structural BMPs to meet the new regulations.	for a quarter mile of roadway wi ng Phase I, water distribution sy ulti-purpose field for a future pha te and the design of multiple inn	stem, 3 playground areas, ise. Triad also performed ovative storm water
	(1) TITLE AND LOCATION (City and State)	(2) YEAR CO	MPLETED
	Othello Park, New Park Design	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2016
	Frederick County IDIQ for Landscape Architecture and Engineering Services, Frederick County, MD		

AUTHORIZED FOR LOCAL REPRODUCTION STANDARD FORM 330

deceleration lanes, striping, extending culverts and SWM BMPs. Within the park roadway system, Triad designed multiple pedestrian and

bridge crossings. The athletic field designs included multi-story press boxes, light poles and scoreboards.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.) **12. NAME** 13. ROLE IN THIS CONTRACT 14. YEARS EXPERIENCE Steve J. Gyurisin, PE Professional Engineer, Geotechnical a. TOTAL b. WITH CURRENT FIRM 16 12 15. FIRM NAME AND LOCATION (City and State)

Triad Engineering, Inc. (Washington County, MD)

16. EDUCATION (Degree and Specialization)
Virginia Polytechnic Institute and State University
MS, Civil Engineering, 2010
The Catholic University of America
BS, Civil Engineering, 2006

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

- PE #40821 PE #40821 (Maryland, 2011)
- PE #0402049739 (Virginia, 2011)
- PE #19416 (West Virginia, 2011)
- PE #PE906397 (District of Columbia, 2011)
- PE #PE079662 (Pennsylvania, 2012)

		ennsylvania, 2012)		
 Gyurisin is currently the Geotechnical Practice Leader for Triad's Eastern Region Enformance of geotechnical investigations, laboratory testing, field inspections and secialty foundation inspections such as deep foundations and ground improvement 	 He is responsible for manage sinkhole remediation. Mr. Gyuris 	sin is also responsible for		
19. RELEVANT PROJE	CTS			
(1) TITLE AND LOCATION (City and State)	(2) YEAR C	OMPLETED		
Prince George's Community College – Lanham Hall, Largo, MD	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)		
included soil borings, laboratory testing and preparation of a detailed geotechnical	al report. Triad worked closely wi	Iall. Geotechnical services		
(1) TITLE AND LOCATION (City and State)	(2) YEAR C	OMPLETED		
Washington Co. Rubble Reclamation Landfill Closure Cap Design Washington County, MD	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2021		
Laboratory Testing on soil samples included Standard Proctor, Grain Size Analyst completion Preparation of data report. Subcontracted by SCS Engineers to prov	sis and Atterberg Limits. Data re ride land surveying, and geotechi	isting cap materials. ports were supplied upon		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED			
Westminster WWTP ENR Upgrade Westminster, MD	PROFESSIONAL SERVICES 2013-2016	CONSTRUCTION (If applicable) 2017		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Geotechnical Engineer in charge of geotechnical engineering design and field services related to the design and construction of the expansion to the existing WWTP facility. Project includes demolition of several existing structures, construction of a new office building, blower building, generator pads, de-nitrification filter facility, septage treatment building, intermediate pumping station, methanol facility, 12 foot diameter lime silo, solids processing/maintenance building and a chemical storage/odor control scrubber. Geotechnical services included				
performing 20 soil borings, extensive laboratory testing and development of a detailed geotechnical reports. Geotechnical reports included detailed shallow and deep foundation design recommendations, floor slab and retaining wall design recommendations, excavation and shoring recommendation, detailed pavement analysis and design, groundwater remediation and drainage recommendations, construction details, general earthwork recommendations, and SWM design/construction recommendations.				
(1) TITLE AND LOCATION (City and State)	(2) YEAR C	OMPLETED		
Smithsburg Waste Water Treatment Plant, Washington County, MD	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2014		
		er Treatment Plant. The		
(1) TITLE AND LOCATION (City and State)	(2) YEAR C	OMPLETED		
Conococheague WWTP Plant, Washington County, MD	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2017		
(2) PRICE DESCRIPTION /Priof scape size cost etc.) AND SPECIEIC POLE	Check if project perfo	rmed with current firm		
	r. Gyurisin is currently the Geotechnical Practice Leader for Triad's Eastern Region Informance of geotechnical investigations, laboratory testing, field inspections and secialty foundation inspections such as deep foundations and ground improvement sign, including remediation and reinforced slopes. 19. RELEVANT PROJE (1) TITLE AND LOCATION (City and State) Prince George's Community College – Lanham Hall, Largo, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Geotechnical Engineer responsible for a detailed geotechnical investigs included soil borings, laboratory testing and preparation of a detailed geotechnical structural engineer and architect to develop appropriate recommendations for SV (1) TITLE AND LOCATION (City and State) Washington Co. Rubble Reclamation Landfill Closure Cap Design Washington County, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Geotechnical Engineer in charge of field exploration that consisted on Laboratory Testing on soil samples included Standard Proctor, Grain Size Analys completion Preparation of data report. Subcontracted by SCS Engineers to providesign of the landfill closure cap. These services were provided in accordance with the landfill closure cap. These services were provided in accordance with the singular processing of the landfill closure cap. These services were provided in accordance with the singular processing of the landfill closure cap. These services were provided in accordance with the singular processing of the landfill closure cap. These services were provided in accordance with the singular processing of the landfill closure cap. These services were provided in accordance with the singular processing of the landfill closure cap. These services were provided in accordance with the singular processing of geotechnical engineering design accordance with the singular processing of geotechnical engineering design and a chemical stora performing 20 soil borings, extensive laboratory t	(1) TITLE AND LOCATION (City and State) Prince George's Community College – Lanham Hall, Largo, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Geotechnical Engineer responsible for a detailed geotechnical investigation for an addition to Lanham hincluded soil borings, laboratory testing and preparation of a detailed geotechnical report. Triad worked closely wis structural engineer and architect to develop appropriate recommendations for SWM and the structure itself. (1) TITLE AND LOCATION (City and State) Washington Co. Rubble Reclamation Landfill Closure Cap Design Washington County, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Geotechnical Engineer in charge of field exploration that consisted of 13 test pits that explored the excompletion Preparation of data report. Subcontracted by SCS Engineers to provide land surveying, and geotech design of the landfill closure cap. These services were provided in accordance with the Refuse Disposal Permit. (1) TITLE AND LOCATION (City and State) Westminster WWTP ENR Upgrade Westminster, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Geotechnical Engineer in charge of geotechnical engineering design and field services related to the de expansion to the existing WWTP facility. Project includes demolition of several existing structures, construction of building, generator pads, de-nitrification filter facility, septage treatment building, intermediate pumping station, m diameter lime silo, solids processing/maintenance building and a chemical storage/odor control scrubber. Geote detailed shallow and deep foundation design recommendations, floor slab and retaining wall design recommendation, detailed pavement analysis and design, groundwater remediation and drainage recommendation and creaming 20 soil borings, extensive laboratory testing and development of a detailed geotechnical reports. Geote detailed shallow and deep foundation design recommendations		

STANDARD FORM 330

	E. RESU		SONNEL PROPOSED FOR Section E. for each key p		RACT		
12. NAME 13. ROLE IN THIS CONTRACT 14. YEARS EXPERIENCE							
Fr	ank S. Malits, P.E.	ural Engineer		a. TOTAL	b. WITH CURRENT FIRM		
Ca	FIRM NAME AND LOCATION (City and State gley & Associates, Inc. (C&A) – Rockvil EDUCATION (DEGREE AND SPECIALIZATION)	le, MD CAGLE	ASSOCIATES		,	(STATE AND DISCIPLINE))
	chelor of Architectural Engineering – 198	'				MA, MN, MS, NJ, NY,	
Pe	nnsylvania State University		OH, PA, TN, TX, VA	A, WV			
As fee	OTHER PROFESSIONAL QUALIFICATIONS a Principal for the firm, Frank specialized deral clients to deliver projects within bud	s in the leadership get and schedule	of C&A's largest gov parameters. His wide i	rernment projections of the projection of the pr	ous experie	nce includes secure	
	vernment facilities, courthouses, high-tecl						
Fr	ank is a licensed registered engineer (PE)			e structural de	esign for lar	ge, complex projects,	_
	(1) TITLE AND LOCATION (City and State)	19. KELE	EVANT PROJECTS		(2) YEAR (COMPLETED	
	College Park City Hall Redevelopment			PROFESSIONAL 2021	SERVICES	CONSTRUCTION (If applicable) 2021	
	College Park, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND	SPECIFIC ROLE			rainat narfar	med with current firm	
	New City Hall for the City of College Pa		00 sa ft for the City 4				
a.	Maryland and 7,000 sq. ft. of retail on the						
	of the City of College Park, Maryland.						
	meeting space, and a central lobby conn						
	fronts on Baltimore Avenue with outdoor features for energy and responsible treat						
	Principal-in-Charge (PIC) (1) TITLE AND LOCATION (City and State)	ment of water. Si	ze. 75,000 sq. 11., Cos	i. 4331vi, Kui	e. Structur	at Engineering	
				PROFESSIONAL		COMPLETED CONSTRUCTION (If applicable)	
	Howard County Circuit Courthouse Columbia, MD			2021		2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE X Check if project performed with current firm						
	New, recently completed, \$150,000,000 Howard County District Courthouse. The design/build project includes a 240,000 sq. ft.						
b.	courthouse and a 700-car parking structure. The 4-story steel-framed courthouse structure, highlighted with a 4-story day-lit						
	atrium, includes space for the State's Attorney, Sheriff, local Bar Association, Maryland Public Defender, Clerk of Courts, as well as office space and courtrooms for six judges, a large jury assembly area, a cafeteria and a fitness center. The adjacent						
	parking garage is a long-span precast concrete frame designed for a future horizontal expansion. The project was completed on						
	time and on budget, despite the global COVID pandemic, through Howard County's first public-private partnership (P3).						
	CMAR. BIM. LEED Gold. Size: 240,00 (1) TITLE AND LOCATION (City and State)	00 sq. ft. Cost: \$1	50M. Role: PIC	1	(2) YEAR (COMPLETED	
	Southern Area Aquatics & Recreation C			PROFESSIONAL 2020	SERVICES	CONSTRUCTION (If applicable) 2020	
	Brandywine, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND						
	This project is the first Multi-Generation		acrastian Contar in Pri	•		med with current firm	
c.	natatorium that includes a lap pool, leisu						
	flexible programmable space for community activities. The Atrium serves as the main circulation artery as well as the space for						
	community gatherings which bisects the						
	kitchen to accommodate outside caterers, and multi-use and program spaces with that of the recreational spaces such as the natatorium, gymnasium and fitness areas. Design/Build. BIM. LEED Silver. Size: 75,000 sq. ft.; Cost: \$25M; Role: PIC						
	(1) TITLE AND LOCATION (City and State)				(2) YEAR (COMPLETED	
	Multiple Projects for the Maryland Natio		and Planning	professional ongoing	SERVICES	CONSTRUCTION (If applicable) Ongoing	
d.	Commission - Montgomery County, MI (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND				roject perforn	ned with current firm	
u.	For over 40 years, C&A has performed s		ring services on a num				
	and as a subconsultant to various firms. The following is a partial list of FSM tasks performed: Brookside Gardens Education						
	Center Renovation; Browning Barn Ren (1) TITLE AND LOCATION (City and State)	ovation at Little I	Bennett Golf Course. S	Size: varies; C		S; Role: PIC	
	State of Maryland/Department of General	al Services Struct	ural Design and	PROFESSIONAL		CONSTRUCTION (If applicable)	
	Engineering Services Indefinite Delivery	y Contract		2012		2012	
_	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND For 11 years, Mr. Malits was a part of C		es' indefinite deliver			ned with current firm Maryland Department of	f
e.	General Services. The tasks included re						L
	Annapolis District Courthouse, Annapol	is, MD; the Upgr	ade of the Public Safet	ty Educational	l & Training	g Center Rifle Range,	
	Sykesville, MD; and Renovations of the	Maryland State C	Court Office Building,	Annapolis, M	D. Size: va	ries; Cost: varies;	
	Role: PIC						

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.) 14. YEARS EXPERIENCE 12. NAME 13. ROLE IN THIS CONTRACT WITH CURRENT FIRM D. William Holaday, CTS-D, DMCD, VSSD **Design Principal** TOTAL 20 20 15. FIRM NAME AND LOCATION (City and State) ONVERGENT Convergent Technologies Design Group, Inc. (Baltimore, MD) ECHNOLOGIES 17. CURRENT PROFESSIONAL 16. EDUCATION (DEGREE AND SPECIALIZATION) REGISTRATION (STATE AND DISCIPLINE) The Johns Hopkins University, Baltimore MD, M.A. Acoustics, 2001 Peabody Conservatory of Music of the Johns Hopkins University, Baltimore, MD, B.M. Recording Arts & Sciences, 2001 Peabody Conservatory of Music of the Johns Hopkins University, Baltimore, MD, B.M. Trumpet Performance, 2000 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certifications: Digital Media Certified – Designer (DMC-D), Crestron Electronics, Inc., 2011 Certified Technology Specialist – Designer (CTS-D), ICIA, 2009 Training: BiCSi Certificate of Completion – Comprehensive Medical Technology Planning – Bridging the Design Gap, 2009; Secure Facilities and Infrastructure, 2008; Secure Facilities and Infrastructure, 2008; CATV & Distribution Systems, 2004; Outside Plant Cabling, 2004; Optical Fiber Cabling Distribution, 2003 19. RELEVANT PROJECTS (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED The City of College Park & The University of Maryland City Hall CONSTRUCTION (If Applicable) PROFESSIONAL SERVICES Redevelopment | College Park, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Role Design Principal / Cost: \$300M / Size: 85,000 GSF. The City and UMD intended to redevelop a key block in downtown College Park to include a Class-A City Hall and University office building with a connecting atrium, first floor retail, and a prominent public plaza. Convergent provided telecommunications cabling systems, audiovisual systems, access control/video surveillance systems, and acoustics, noise and vibration control design services. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED U.S. General Services Administration Old District of Columbia Courthouse PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) | Washington, DC (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Role. Design Principal / Cost \$49M/ Size: 135,000GSF. Scope included audiovisual presentation, speech reinforcement, digital audio/video recording, language interpretation systems, videoconferencing, media streaming to the web, IR assisted listening systems, and digital signage for a Ceremonial Courtroom, four Appellate Courtrooms, and a Robing Room. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED City of Bowie New City Hall | Bowie, MD PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Role: Design Principal / Cost \$23.7 / 80,000 GSF. The scope of this project includes complete design services for telecommunications cabling systems (data/voice/RF video), audiovisual systems with associated supporting infrastructure, access control / video surveillance security systems and acoustics, noise & vibration control. The primary spaces to receive technology: the new Council Chambers, public meeting spaces, conference rooms, fitness room, and an emergency command center. Design highlights include the new Council Chambers which features broadcast and recording capabilities, the ability to edit/add character generation or graphic layovers in real time during council sessions and recording capabilities between the Council Chambers and the television studio in an existing building. (2) YEAR COMPLETED (1) TITLE AND LOCATION (City and State) Prince George's County Facility Masterplan | Prince George's County, MD PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2022 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Role: Design Principal /Cost \$12,950. The CTGG has been asked to participate in a master plan process for access control/video surveillance systems for Prince George's County Facilities Master Plan. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED **Department of General Services Congress Heights Recreation Center** PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2020 | Washington, DC (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm e. Role: Design Principal / Cost \$12,600,000 / 1,200 GSF. Convergent has been requested to provide telecommunications cabling systems, audiovisual systems, acoustics, noise, and vibration control for this project. The District would like to modernize the recreation center which will include enhanced amenities such as a gymnasium, kitchen, flexible computer lounge, and multipurpose spaces. The project will also replace the existing playground and include additional park space improvements.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.) 13. ROLE IN THIS CONTRACT 12. NAME 14. YEARS EXPERIENCE WITH CURRENT FIRM Brian Whitlock, CTS-D, RCDD, DMC-D **Telecom and Security Principal** TOTAL 18 18 15. FIRM NAME AND LOCATION (City and State) ONVERGENT Convergent Technologies Design Group, Inc. (Baltimore, MD) ECHNOLOGIES 17. CURRENT PROFESSIONAL 16. EDUCATION (DEGREE AND SPECIALIZATION) REGISTRATION (STATE AND DISCIPLINE) Associates | Catonsville Community College; Catonsville, MD | 2007 Certification | AutoCAD Operator | Catonsville Community College; Catonsville, MD | 2005 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certifications: Digital Media-Certified Designer (DMC-D); Crestron Electronics, Inc./2011 Certified Technology Specialist Designer (CTS-D), ICIA; BiCSi Registered Communications Distribution Designer (**RCDD**)/2011; **Training**: BiCSi Certificate of Completion, Wireless Security and Surveillance, Challenge or Opportunity/2009; Integration Techniques for Installing AV in Classrooms and Conference Rooms/2009. 19. RELEVANT PROJECTS (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED The City of College Park & The University of Maryland City Hall PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 Redevelopment | College Park, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Role Design Principal / Cost: \$300M / Size: 85,000 GSF. The City and UMD intended to redevelop a key block in downtown College Park to include a Class-A City Hall and University office building with a connecting atrium, first floor retail, and a prominent public plaza. Convergent provided telecommunications cabling systems, audiovisual systems, access control/video surveillance systems, and acoustics, noise and vibration control design services. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED U.S. General Services Administration Old District of Columbia Courthouse PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) | Washington, DC (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Role. Design Principal / Cost \$49M/ Size: 135,000GSF. Scope included audiovisual presentation, speech reinforcement, digital audio/video recording, language interpretation systems, videoconferencing, media streaming to the web, IR assisted listening systems, and digital signage for a Ceremonial Courtroom, four Appellate Courtrooms, and a Robing Room. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED City of Bowie New City Hall | Bowie, MD PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Role: Design Principal / Cost \$23.7 / 80,000 GSF. The scope of this project includes complete design services for telecommunications cabling systems (data/voice/RF video), audiovisual systems with associated supporting infrastructure, access control / video surveillance security systems and acoustics, noise & vibration control. The primary spaces to receive technology: the new Council Chambers, public meeting spaces, conference rooms, fitness room, and an emergency command center. Design highlights include the new Council Chambers which features broadcast and recording capabilities, the ability to edit/add character generation or graphic layovers in real time during council sessions and recording capabilities between the Council Chambers and the television studio in an existing building. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED Prince George's County Facility Masterplan | Prince George's County, MD PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Role: Design Principal /Cost \$12,950. The CTGG has been asked to participate in a master plan process for access control/video d. surveillance systems for Prince George's County Facilities Master Plan. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED **Department of General Services Congress Heights Recreation Center** PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2020 2022 |Washington, DC

e. Role: Design Principal / Cost \$12,600,000 / 1,200 GSF. Convergent has been requested to provide telecommunications cabling systems, audiovisual systems, acoustics, noise, and vibration control for this project. The District would like to modernize the recreation center which will include enhanced amenities such as a gymnasium, kitchen, flexible computer lounge, and multipurpose spaces. The project will also replace the existing playground and include additional park space improvements.

[X] Check if project performed with current firm

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

		F KEY PERSONNEL PROPOSED F		СТ			
		Complete one Section E for each key	person.)				
12.	NAME	13. ROLE IN THIS CONTRACT				S EXPERIENCE WITH CURRENT FIRM	
	Alexander Good, CTS-D, DMC-T-4K	Senior Designer		a. TOT	AL D	5	
15.	FIRM NAME AND LOCATION (City and State) Convergent Technologies Design Group, Inc. (ECH	VERGENT BINOLOGIES	10		3	
She	EDUCATION (DEGREE AND SPECIALIZATION) effield Institute for the Recording Arts, Techwo intenance 2018	orks Program for AV Systems Inte	egration and			FESSIONAL TATE AND DISCIPLINE)	
	OTHER PROFESSIONAL QUALIFICATIONS (Public ifications: Digital Media-Certified Designer (Di	MC-D); Crestron Electronics, Inc.,	, ,	ogy Specia	list Des	signer (CTS-D)	
	(4) TITLE AND LOCATION (C)	19. RELEVANT PROJECTS	I	(0) \(\(\(\(\) \\ \)	OMBLET		
	(1) TITLE AND LOCATION (City and State) The City of College Park & The University o Redevelopment College Park, MD	f Maryland City Hall	PROFESSIONAL SE 2018	(2) YEAR CO		TRUCTION (If Applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND	SPECIFIC ROLE	[X] Check if project p	performed wit	h current	firm	
a.	Role Senior Designer / Cost: \$300M / Size: 85 Park to include a Class-A City Hall and Univers plaza. Convergent provided telecommunication acoustics, noise and vibration control design s	ity office building with a connectons cabling systems, audiovisual	ting atrium, first fl	oor retail,	and a p	prominent public	
	(1) TITLE AND LOCATION (City and State)	, c. (1000)		(2) YEAR C	OMPLET	ED	
	Queen Anne's County Courthouse Centre	ville, MD	PROFESSIONAL SE 2019	` '	1	TRUCTION (If Applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		[X] Check if project performed with current firm				
b.	Role: Senior Designer / Cost \$11M/ CTDG was building wide paging system. The rooms incl Rooms and Jury Deliberation Rooms. The Ne State-of-the-Art presentation, distance comprequirements, provide administration, staff architecture, integrate technology systems in the desired functionality	uded in the design are: Master's w Circuit Courthouse Systems d munication, and audiovisual reco and officials with an intuitive, sta	Hearing Room, (2 esign will meet the ording systems to randardized user into) Litigation e following meet mode terface and	n Court g desigr ern cou d flexib	s, Small Hearing n goals: create a urtroom functional lle system	
	(1) TITLE AND LOCATION (City and State)			(2) YEAR C	OMPLET	ED	
	Department of General Services General As	ssembly Building Richmond,	PROFESSIONAL SE 2021	RVICES	2021	TRUCTION (If Applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND	SPECIFIC ROLE	[X] Check if project p	performed wit	h current	firm	
C.	Role: Senior Designer / Cost \$300,000,000 / supporting infrastructure for voice/data/RF vaccess control/video surveillance systems, rocommonwealth of Virginia Department of G	n electronics with a	associated	suppo	rting infrastructure,		
	(1) TITLE AND LOCATION (City and State) Prince George's County Facility Masterplan	Prince George's County, MD	PROFESSIONAL SE	(2) YEAR C		TED TRUCTION (If Applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND	SPECIFIC ROLE	[X] Check if project p		h ourront	+ firm	
	Role: Senior Designer /Cost \$12,950. The CT		•				
d.	surveillance systems for Prince George's Cou		e iii a iiiastei piaii	processic	JI acce	ss control/video	
	(1) TITLE AND LOCATION (City and State)			(2) YEAR C	OMPLET	ED	
	Department of General Services Congress H Washington, DC	Heights Recreation Center	PROFESSIONAL SE 2020	RVICES	CONS 2022	TRUCTION (If Applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND	SPECIFIC ROLE	[X] Check if project p	performed wit	h current	firm	

		F KEY PERSONNEL PR Complete one Section E f			Т	
12.	NAME	13. ROLL IN CONTRACT			14.	YEARS EXPERIENCE
	Lloyd Bernstein	President-Chie	ef Estimator		A. TOTAL 47	b. WITH CURRENT FIRM 12
15.	FIRM NAME AND LOCATION (City and State) 1504 Wild Cranberry Drive, Crownsville, Maryland	d 21032	TCON ON SERVICES INC			
16.	EDUCATION (DEGREE AND SPECIALIZATION)		17. CURREN	IT PROFESSIONAL R	EGISTRAT	ION (STATE AND DISCIPLINE)
	Montgomery College, AA Degree, Engineering Polytechnic of the Southbank of London/Brixton S Higher National Diploma1970- 1973	School of Building:	Genera Columb		ed in Mary	yland and District of
Mr. Hot exp	OTHER PROFESSIONAL QUALIFICATIONS (Publication Bernstein has owned and operated a General Cousing. Religious, Office, Commercial and Public. Ferience in construction, techniques, and costing. Construction market, current pricing, and an external pricing.	ontracting firm for over 29 He has been involved in I have developed a repunsive historical data base	5 years. Proje cost consulting tation for accu e.	g for over 30 years	. He brings	s over 45 years personal
	(1) TITLE AND LOCATION (City and State)	19. RELEVANT I	PROJECTS		(2) YEAR C	COMPLETED
	Prince Georges County Administrative C Upper Marlboro, Maryland	•		PROFESSIONAL SERVI Cost Consultant a Estimating	ICES	CONSTRUCTION (If Applicable) 2020
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm President/Chief Estimator: Cost Consultant/ Chief Estimator for Providing Cost Estimates for the Design Team for the Structural Repairs to the Old County Administrative Building Parking Structure. Value: \$ 52,000,000.00					
	(1) TITLE AND LOCATION (City and State)					COMPLETED
	Prince Georges County Administrative C Upper Marlboro, Maryland	office Building Parkir	ng Garage.	PROFESSIONAL SERVI Cost Consultant a Estimating		CONSTRUCTION (If Applicable) 2020
b.	(1) TITLE AND LOCATION (City and State)			[x] Check if project	performed w	ith current firm
	President/Chief Estimator: Cost Consultant/ Chief Estimator for Providing Cost Estimates for the Design Team for the Structural Repairs to the Old County Administrative Building Parking Structure. Value: \$ 4,000,000.00					
	(1) TITLE AND LOCATION (City and State)	Lin - Onno -				COMPLETED
	Catonsville, District Courthouse and Par Catonsville, Maryland	king Garage		PROFESSIONAL SERVI Cost Consultant a Estimating		CONSTRUCTION (If Applicable) 2016
C.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPEC	CIFIC ROLE		[x] Check if project performed with current firm		
	President/Chief Estimator: Cost Consultant/ Chief Estimator for Cost Estimating to the Design Team for a new County District Courthouse and precast parking garage and associated sitework) Value: \$ 52,000,000.00					
	(1) TITLE AND LOCATION (City and State)				(2) YEAR C	COMPLETED
	911 Call Center Relocation Study Anne Arundel County, Maryland			PROFESSIONAL SERVI Cost Consultant a Estimating		CONSTRUCTION (If Applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPEC	CIFIC ROLE		[x] Check if project	performed w	th current firm
	President/Chief Estimator: Cost Consultant/ Chief Estimator for Cost Est Relocation Study. Value: \$ 8,500,000.00			nating to the Des	sign Tear	n for the 911 Call Center
	(1) TITLE AND LOCATION (City and State)			(2) YEAR COMPLET		
	Men's Transition Center Feasibility Study Prince Georges County, Maryland	У		PROFESSIONAL SE Cost Consultant a Estimating		CONSTRUCTION (If Applicable) 2020
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECI	FIC ROLE		[x] Check if project p	performed w	rith current firm
	President/Chief Estimator: Cost Consultation for studies of potential buildings and location			•		ntes for the Design Team 00-\$31,000,000.00

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Julie Barth, CIH, CSP, LEED Green Associate 13. ROLE IN THIS CONTRACT Certified Industrial Hygienist

14. YEARS EXPERIENCE a. TOTAL b. WITH CURRENT FIRM 26 16

15. FIRM NAME AND LOCATION (City and State)

Aria Environmental, Inc., Sykesville, Maryland



16. EDUCATION (DEGREE AND SPECIALIZATION) 1998, M.H.S. Environmental Health Science/Industrial Hygiene and Safety, John's Hopkins University School of Public Health

1992, B.A. Human Ecology, College of the Atlantic

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) 2003, Lead Inspector, Cert No. 9637, Maryland, Exp. 12/30/21 2004, Asbestos Inspector, Cert No. 21-826, MD, VA, Exp. 10/4/2022 2021, Asbestos Supervisor, Cert No. 21-506, MD, Exp. 5/12/22 2006, OSHA HAZWOPER 40-Hour Certification

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

	OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) D2, Certified Industrial Hygienist (CIH), Cert # 8386 CP 2008, Certified Safety F	Professional (CSP) CSP No.	20566			
202	12, LEED Green Associate Cert No.10604951					
	19. RELEVANT PROJECTS					
	(1) TITLE AND LOCATION (City and State) Industrial Hygiene Support Services, Howard County Public Schools, Various Elementary, Middle and High Schools, Howard County, MD	(2) YEAR PROFESSIONAL SERVICES 2020	COMPLETED CONSTRUCTION (If Applicable)			
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with	current firm X			
a.	Certified Industrial Hygienist. Since 2005, Ms. Barth has supported various IH System. Projects include LEED air quality evaluations, HAZMAT investigations, construction safety support, Safety Data Sheet (SDS) review, Indoor Air Qualit complaint investigations, and school system representation at community an	, lead paint surveys, wate ty (IAQ) support, ventilation	r and mold studies,			
	(1) TITLE AND LOCATION (City and State)	. ,	COMPLETED			
	Maryland School for the Blind Baltimore, MD	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2018			
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with	current firm X			
b.	Certified Industrial Hygienist – Ms. Barth has provided consultation during the renovation of Newcomer Hall, the flagship building on the Maryland School for the Blink Campus. The building was constructed between 1909-1910 and has been renovated in the 1960's ad 1980's. The complete renovation of the building called for the evaluation of hazardous and regulated materials, the preparation of construction documents and interface with Maryland Historical Trust in managing lead paint hazards associated with historical windows. Work was performed directly for the school.					
	(1) TITLE AND LOCATION (City and State)		COMPLETED			
	Prince George's County Public Schools, Architectural and Engineering Services For Central High School, District Heights, MD	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable)			
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with current firm X				
	Certified Industrial Hygienist. Ms. Barth was part of the team that performed the hazardous materials investigation including asbestos, lead-based paint, PCB's, mercury containing equipment, ozone depleting substances and low-level radioactive materials hazardous and regulated materials of the Central High School prior to renovation.					
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED			
	Architectural Consulting Services: Victory Villa Elementary School, Baltimore County Public Schools, Baltimore, MD	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable)			
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Certified Industrial Hygienist. Ms. Barth provided database management and including asbestos, lead-based paint, PCB's, mercury containing equipment, containing of the c. 1943 school prior to its demolition and replacement with a existing Victory Villa Elementary School.	ozone depleting substance	ous materials investigation es and low-level radioactive			

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED			
	Hazardous Materials Survey for Air Condition Upgrades, Kenwood High	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)		
	School, Baltimore, MD	2017			
Ī	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with	current firm X		
.		•			

Certified Industrial Hygienist. Ms. Barth was part of the team performing a pre-renovation survey for asbestos, lead-based paint, PCB's, mercury containing equipment, ozone depleting substances and low-level radioactive materials. Asbestos sampling was performed on both interior and exterior surfaces plus roofing materials and specifications were developed for the air conditioning and upgrades at the school.

	E. RESUMES	OF KEY PERSONNE	L PROPOSED	FOR THIS CONTR	ACT		
12	NAME	(Complete one Section 13. ROLE IN THIS CONTR		rson.)	14. YEARS EX	'DEDIENCE	
	ian Sciorilli	Environmental Er			a. TOTAL	b. WITH CURRENT FIRM	
Di	idii Seleriiii	Liivii oiiiii ciitai Li	Billeel		23	17	
	FIRM NAME AND LOCATION (City and State) ia Environmental, Inc., Sykesville, MD	\ <u>-</u>					
16.	EDUCATION (Degree and Specialization)		17. CURRENT PRO	DFESSIONAL REGISTRATI	ON (State and	Discipline)	
В.	S. Biology, 1999 Clarkson University		AHERA Asbe	stos Building Ins	pector, MD), VA	
В.	S. Professional Studies – Environmental Scien	ce and Policy	AHERA Asbe	stos Project Desi	gner, MD		
Wİ	th Industrial Hygiene Concentration, 1999 Cla	arkson University	Lead Inspec	tor Technician, M	1D		
				OPER 40-Hr			
				Sampling and Eva	aluating Ai	rborne Asbestos Dust	
_	OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organization			rahin and parfor	ming hozar	edous motorials investigati	ion
	r. Sciorilli is a seasoned industrial hygienist wh rvices for private and government-owned bui				ming nazar	dous materials investigati	1011
	Tvices for private and government-owned but		ANT PROJECTS				
$\overline{}$	(1) TITLE AND LOCATION (City and State)	19. NELEVA	ANT PROJECTS	(2) YEAR COMPLETED			
	Maryland State Highway Administration (SH	A) On-Call Hazardo	ous	PROFESSIONAL SERVICE	CES	CONSTRUCTION (if applicable)	
	Materials and Groundwater Assessment Ser	•		2007-present			
	21CC), Various Locations, MD	,					
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIF	FIC ROLE		☑ Check if project per	formed with cu	urrent firm.	
	Environmental Engineer. Mr. Sciorilli is provi						ıct.
_	He reviews property and tax information, co						
a.	interior and exterior of all buildings and stru						
	included the identification and documentati						
	depleting substances, low level radioactive r						-
	was prepared after the surveys were completed which included photo documentation, lab analysis of the samples taken at the site,						
	recommendations for the disposal of asbestos, lead or other hazardous or regulated materials and the notation of materials that					:	
	could be salvaged or recycled. Services also included specification and bid do			ocument prepara	ation, coor	dination of abatement	
_	activities, asbestos air monitoring and analyt (1) TITLE AND LOCATION (City and State)	ticai support.		(2) YEAR COMPLETED			
	Maryland Aviation Administration (MAA)			PROFESSIONAL SERVICE	CES	CONSTRUCTION (if applicable)	
	Comprehensive Environmental Compliance Services at			2018-present			
	Baltimore/Washington Thurgood Marshall and Martin State Airport, Anne		rport, Anne				
	Arundel County, MD						
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIF			☑ Check if project per			
	Environmental Engineer. Under this contract	•	,			, , ,	
	prepares a report of findings that included p					•	s for
	the disposal of asbestos, lead or other hazar	_				_	
	recycled. Services also include specification a	and bid document	preparation,	coordination of a	batement	activities, aspestos air	
	monitoring and analytical support. (1) TITLE AND LOCATION (City and State)			(2) YEAR COMPLETED			
	On-Call Industrial Hygiene & Environmental	Support Services fo	or the	PROFESSIONAL SERVICE	CES	CONSTRUCTION (if applicable)	
	Lexington Market & Transformation, Baltimo	ore, MD		2017			
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE						
	Environmental Engineer. Mr. Sciorilli assisted with the industrial hygiene survey and analysis for the Phase I work associated with the						
c.	future partial demolition, renovation and redevelopment of the Lexington Market. The AE team conducted hazardous materials						
	surveys of the East and West markets, arcade and the parking garage for friable and non-friable asbestos containing materials, lea					:ad-	
	based paint and other hazardous materials. Design documents were prepar materials requiring abatement in the building and prepared specifications us			_			٠,
			ecifications us	sing the National	Institutes	of Building Sciences (NIBS)	.)
\dashv	specifications for asbestos and lead in const. (1) TITLE AND LOCATION (City and State)	ruction.		(2) YEAR COMPLETED			
	Northrop Grumman Corporation, On-Call Inc	dustrial Hygiene Se	ervices,	PROFESSIONAL SERVICE	CES	CONSTRUCTION (if applicable)	
	Various Locations, Anne Arundel & Carroll C		,	2006-present			
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIF	IC ROLE		☑ Check if project per	formed with cu	urrent firm.	
e.	Environmental Engineer. Mr. Sciorilli is the p						m
	management services contract to Northrop		_				
	hazardous material surveys, bulk sampling a						
	remediation oversight, and analytical support		rders have be	en completed inv	olving asb	estos-containing material	s,
	lead based paint, mold and other hazardous	materials.					

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION (City and State)
Public Safety Building Renovation and Additions
Frostburg, Maryland

PROFESSIONAL SERVICES
2021

CONSTRUCTION (if Applicable)
2021

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER
City of Frostburg
Frostburg, Maryland

b. POINT OF CONTACT NAME
Elizabeth Stahlman
Community Development Director

c. POINT OF CONTACT PHONE NUMBER & EMAIL (301) 689-6000 x105 estahlman@frostburgcity.org

22. YEAR COMPLETED

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

M&D initially prepared a Space Planning and Feasibility Study for renovations to the existing cityowned Frostburg Public Safety building for potential renovation and additions. Such renovation and additions would create the interior spaces to consolidate the City Administration offices and the Police Department functions into one building, as well as add a Public Meeting room for use for a variety of City functions, new offices for City Hall, and improved Police Department space. The proposed Concept Design for the building reused the existing 9,500 sf twostory building and adds 4,500 sf additions to the front and rear of the building.

M&D then completed the comprehensive \$4.8M renovations and additions identified within our Space Planning & Feasibility Study. The renovations and additions provided the City of Frostburg with the ability to consolidate City Hall functions and the Police Department within one building, which reduced overall city offices energy consumption, provided much improved services for city residents, and provided much needed, greatly improved police facilities. M&D's Interior Design Studio provided space planning and all finish specifications for the renovation.















25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION (City and State)

Mitchell Courthouse Renovation

Baltimore, Maryland

22. YEAR COMPLETED

PROFESSIONAL SERVICES CONSTRUCTION (if Applicable)

2019

2019

23. PROJECT OWNER'S INFORMATION

a.	PROJECT OWNER	b.	POINT OF CONTACT NAME	C.	POINT OF CONTACT PHONE NUMBER & EMAIL
	Baltimore City DGS		Chris Hepler		410-396-3678
	Baltimore, Maryland		Construction Project Supervisor II		Christopher.Hepler@baltimorecity.gov

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

Under an On-Call Contract with Baltimore City Department of General Services, M&D provided comprehensive Architectural and Engineering Services related to the 20,000 sf interior renovations to the third & fourth floors of the Clarence Mitchell Courthouse. M&D initially undertook an extensive Programming and Space Planning Study, met with user groups and judges, and as a result prepared several potential layout approaches/options for the renovation – one of which was selected as the most beneficial. The \$2.1M renovations include the following:

- Design and layout of two new courtrooms from existing office spaces in a manner which maximizes the seating potential of the areas
- Jury deliberation room with private men's and women's restrooms
- Judge's Chambers including offices for the Judge, Judge's assistant, and two clerks
- Design and specification of all finishes for walls, floors, and ceilings in all spaces
- Alterations to the HVAC system(s) currently installed in the spaces to be renovated
- Alterations to the plumbing system(s) in connection with the new courtrooms
- Alterations to the electrical power and lighting and I.T. Data system(s) in connection with the new courtrooms
- Renovation design to comply with all building code/life safety systems





25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]

20. EXAMPLE PROJECT KEY NUMBER

21. TITLE AND LOCATION (City and State)

Harford County Sheriff's Office Building
Bel Air, Maryland

(On-Call Contract Project)

22. YEAR COMPLETED

PROFESSIONAL SERVICES
CONSTRUCTION (if Applicable)
2018

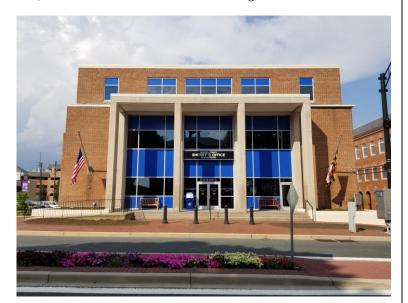
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT PHONE NUMBER & EMAIL
Harford County, Maryland	Matthew Gettelman	(410) 638-3547 x1258
Bel Air, Maryland	Project Manager – Capital Projects	magettelman@harfordcountymd.gov

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

Under a current on-call contract with Harford County, Maryland, an initial comprehensive master planning/investigation/scope confirmation was provided, which led to upgrades, modernizations, and renovations to the 8,600 sf Sheriff's Office building, including MEP and life safety systems, HVAC system, ceiling conditions, floor plan/layout, etc. M&D had to determine a plan to have continuous occupancy during a phased construction approach. The \$3.8M renovation included the following:

- Thorough field investigation and survey of the entire facility including all current MEP and Life Safety systems
- Document/create accurate base drawings/field condition drawings of the entire building
- Review existing drawings and documents provided by Harford County, as well as Field Survey Existing Spaces
- Observe and document ceiling plenum area conditions as required
- Survey and identify Hazardous Materials and develop a plan to have them safely removed
- Develop HVAC systems options to address current deficiencies
- Perform a Building Code Review
- Based on the existing condition data, prepare renovation concept options that address the probable project scope
- Develop phased construction approaches within an occupied or partially occupied building scenario – and possibly consider utilization of the neighboring county office space to be vacated across the street for "swing" space
- Determine approaches considering continuous and/or partial occupancy during a phased construction approach
- Develop approaches which maintain compliant egress and life safety conditions throughout a phased/occupied approach
- Identify high priority renovation items as well as some other, secondary renovation aspects
- Create a more efficient floorplan/layout and improved work environment aesthetic as part of any renovation plan





	25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]						
a.	(1) FIRM NAME Murphy & Dittenhafer, Inc.	(2) FIRM LOCATION (City and State) Baltimore, MD	(3) ROLE: Architecture, Programming & A/E Overall Project Mgmt.				
b.	(1) FIRM NAME Aria Environmental, Inc.	(2) FIRM LOCATION (City and State) Woodbine, MD	(3) ROLE: Hazardous Materials Consulting				

20. EXAMPLE PROJECT KEY NUMBER

21. TITLE AND LOCATION (City and State)

Sarah's Hope Site Improvements

Baltimore, Maryland

22. YEAR COMPLETED

PROFESSIONAL SERVICES CONSTRUCTION (if Applicable)

2017

2017

23. PROJECT OWNER'S INFORMATION

a.	PROJECT OWNER	b. POINT OF CONTACT NAME	C.	POINT OF CONTACT PHONE NUMBER & EMAIL
	St. Vincent de Paul of Baltimore	John Schiavone		(410) 662-0500 x222
	Baltimore, Maryland	President & CEO		jschiavone@vincentbaltimore.org

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

Architectural and Engineering Services for the Site Improvements to the Sarah's Hope Transitional Housing Facility (the renovations for which were also designed by M&D) located in the historic Sandtown-Winchester neighborhood of Baltimore, MD originally through an On-Call Contract with the Baltimore City Department of General Services. As a result of funding modifications, project ownership was assumed by St. Vincent de Paul of Baltimore mid-way through design and M&D successfully completed the project for that entity. This housing facility, the largest transitional facility that serves families in the City, is run by a local non-profit and serves up to 130 individuals at any given time.

The existing site contained mostly immense areas of pavement, which did not allow the building users or surrounding community to use the site for their desired outdoor activity needs. This \$1.3M project dramatically improved the overall aesthetic and usable function of the site by removing approximately 15,000 sf of impervious surface and providing new green space totaling approximately 16,200 sf of area and nearly 5,000 sf of tenant and community playground space.

The two immense parking areas located at the front and south side of the site were reduced in size to accommodate actual occupant needs, relocated, and lowered to align with the elevation of the street.

Stormwater Bioretention facilities are strategically located at the rear and front of the site to treat 100% of rainfall from the roof and site surface areas and reduce stormwater runoff to the surrounding urban landscape. A palette of green trees with high branch zones and colorful shrubs/plantings of low heights bring added interest and necessary shading to the site, while still allowing for adequate visible security across the site.





25. FIRMS FROM SECTION	C INVOLVED WITH THIS PROJECT	[Section C Firms:]

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION (City and State)

New Carroll County Office of the State's Attorney

Westminster, Maryland

PROFESSIONAL SERVICES 2023 (est.)

CONSTRUCTION (if Applicable) 2023 (est.)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

The County Commissioners of Carroll County

Carroll County, Maryland

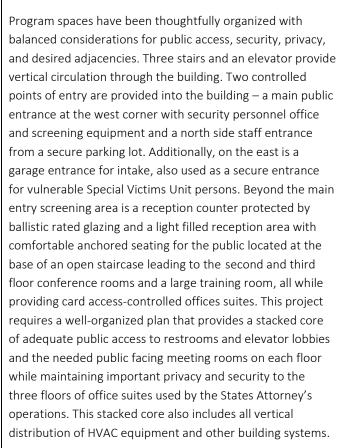
POINT OF CONTACT NAME
 Allan Culver
 State's Attorney

c. POINT OF CONTACT PHONE NUMBER & EMAIL (410) 386-2671 aculver@carrollcountymd.gov

22. YEAR COMPLETED

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

The project includes an initial Feasibility Study for a new Central Plant and Master Plan for additional county buildings on the several acre County-owned parcel. Its front entrance is defined by a civic plaza with strategically placed bollards, flagpoles, and landscaping. Sunshades are included over exterior windows for energy-efficiency and to reduce glare within the interior spaces. A generously sized plaza leads from the pedestrian sidewalks to the main entrance vestibule. Strategically placed glazing offers a glimpse into the inner activities of the building while not compromising the building security or compromising views outward.









	25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]							
a.	(1) FIRM NAME Murphy & Dittenhafer, Inc.	(2) FIRM LOCATION (City and State) Baltimore, MD	(3) ROLE: Architecture & A/E Overall Project Mgmt.					
b.	(1) FIRM NAME Convergent Technologies Design Group	(2) FIRM LOCATION (City and State) Baltimore, MD	(3) ROLE: IT/Data/Security Consulting					
c.	(1) FIRM NAME CostCon Construction Services	(2) FIRM LOCATION (City and State) Crownsville, MD	(3) ROLE: Cost Estimating					

20. EXAMPLE PROJECT KEY NUMBER

22. YEAR COMPLETED

PROFESSIONAL SERVICES 2021

CONSTRUCTION (if Applicable) 2021

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Spring Garden Township
York, Pennsylvania

York, Pennsylvania

21. TITLE AND LOCATION (City and State)

b. POINT OF CONTACT NAME George Swartz, Jr. Police Chief c. POINT OF CONTACT PHONE NUMBER & EMAIL (717) 843-0851 gswartz@sgtpd.org

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

Spring Garden Township Municipal Complex & Violet Hill Community Park

M&D designed a new 24,000 sf Municipal Building for Administration, Police, Recreation, and Public Meetings, as well as a new Outdoor Recreation Facility to be constructed on the same site. The existing Police Building will be demolished once the new facility is complete. Also included is the development of a new Violet Hill Park which includes a Pavilion, basketball courts, age specific playgrounds, walking paths, and a multi-use field. The site design met the regulatory requirements for a site development plan, stormwater management and erosion controls and is designed to meet zoning requirements for landscaping, hardscape and parking. The Design team worked closely with the Township's Recreation Committee to provide the recreational facilities that were needed and were appropriate for this setting. Bids came in \$2M under budget and construction is completed.











25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]

22. YEAR COMPLETED CONSTRUCTION (if Applicable) PROFESSIONAL SERVICES

ABC Catherine Park Renovation Baltimore, Maryland (On-Call Contract Project) 2021 2021

23. PROJECT OWNER'S INFORMATION

a.	PROJECT OWNER
	Baltimore City Department of Recreation and Parks
	Baltimore, Maryland

21. TITLE AND LOCATION (City and State)

POINT OF CONTACT NAME Bivek Poudyal Design Planner II

c. POINT OF CONTACT PHONE NUMBER & EMAIL (410) 396-7948 Bivek.Poudyal@baltimorecity.gov

20. EXAMPLE PROJECT KEY NUMBER

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

M&D designed the \$1.2M renovation of the existing ABC Park, located in West Baltimore City, which totals just over one acre in area. The amenities of the existing Park have deteriorated over time, including playground equipment, hardscape, a comfort station building, a basketball court, and a baseball field. The new Park design will transform the park into a fun, engaging place for the community with improved play areas, pedestrian access, landscaping, and a new, small building for community use with toilet facilities and storage.

new way in with signage and replacement fencing. Two mulched playground

A new entry at the intersection of the streets bounding the park provides a



areas with play equipment including swings, slides, and other amenities sit on just inside of the entrance. A new domed climbing play equipment is central to the park. A new splash pad centrally-located becomes a focal point of water fun for kids. The basketball court is relocated from a remote area of the park to a more visible place with new hard surface, striping, hoops, and tall fencing on either end.

The new masonry structure houses two single-use toilet rooms, a community room, and storage. Large, 10-0" wide overhead doors can open on either side of the community room to provide an indoor/outdoor feel, maximize the use of the space, and offer transparency and security throughout the building. A dynamic sloping roof with a diagonal ridge line extends beyond the building on the south end supported by rustic, local timbers, creating a covered outdoor "room" and giving the building a unique identity. The roof is constructed on standing seam metal panels over tongue and groove wood decking.

This project was a featured project during the National Recreation and Park Association (NRPA) Annual Conference held in Baltimore in September 2019.





25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]					
a.	(1) FIRM NAME Murphy & Dittenhafer, Inc.	(2) FIRM LOCATION (City and State) Baltimore, MD	(3) ROLE: Architecture & A/E Overall Project Mgmt.		
b.	(1) FIRM NAME KES Engineering, Inc.	(2) FIRM LOCATION (City and State) Columbia, MD	(3) ROLE: MEP Engineering		

20. EXAMPLE PROJECT KEY NUMBER

8

21. TITLE AND LOCATION (City and State)

Roosevelt Park Poolhouse Renovation
Baltimore, Maryland

(On-Call Contract Project)

22. YEAR COMPLETED PROFESSIONAL SERVICES CONSTRU

2009

CONSTRUCTION (if Applicable)
2009

23. PROJECT OWNER'S INFORMATION

PROJECT OWNER
 Baltimore City Department of Recreation and Parks
 Baltimore, Maryland

b. POINT OF CONTACT NAME

Valerie McGuire

Design Planner Supervisor

c. POINT OF CONTACT PHONE NUMBER & EMAIL (410) 396-7948

Valerie.McGuire@baltimorecity.gov

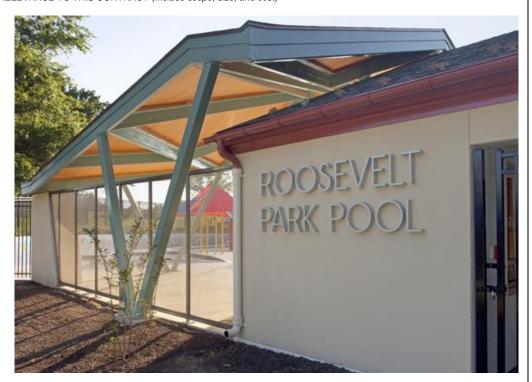
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Originally constructed in 1949, the CMU Roosevelt Park Pool House required renovations due to age and changing use. The \$900,000 renovation created a new image for the existing building, as well as upgraded the facilities.

The design approach juxtaposed the very simple existing building with an exuberant new transitional canopy area/rainy day shelter addition characterized by its open, colorful, skeletal form.

A new exterior canopy provides a large shaded area covering the concession stand and extending toward the splash pool. The canopy also features an outdoor shower and has a distinctive copper roof. The new open canopy addition united a flat seam copper roof, painted steel columns and beams, and a tongue-and-groove wood ceiling. Its form grew naturally from a desire to literally point patrons in the direction of the children's area and pool, with a triangular "beak" showing the way.

The interior of the existing building was thoroughly renovated with new showers, accessible restrooms, and lockers, while the exterior was coated with stucco and its slate roof repaired. A semi-transparent metal scrim defines the shelter's public boundary while offering glimpses of the activities within.





25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT	[Section C Firms:
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED						
York City Administration Building Renovation	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)					
York, Pennsylvania	2011	2011					

23. PROJECT OWNER'S INFORMATION

ı	a. PROJECT OWNER	b. POINT (OF CONTACT NAME	C.	POINT OF CONTACT PHONE NUMBER & EMAIL	ı
l	City of York	Kevin S	Schreiber		(717) 771-4573	
l	York, Pennsylvania	Preside	ent & CEO		Kevin@yceapa.org	

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

With the City of York's acquisition of the Sovereign Bank Building at 101 S. George St., M&D initially undertook an Extensive Programming and Concept Design effort and later coordinated all final architectural, engineering, interior design, space planning, and construction administration services to facilitate a comprehensive relocation and consolidation of the City's Administrative offices within the three-level structure built in 1978.

The \$880,000 adaptive reuse accommodated new City Council Chambers, Mayor's Office Suite, Revenue and Finance, Permits/Planning and Zoning, Public Works, Economic and Community Development, Human Resources, Controller, Solicitors, and Information Technology offices. The design also incorporated meeting spaces, storage, records/archives support, and technology upgrades.

The complex consolidation neatly fit all these program space needs into 53,000 sf while retaining Sovereign's branch banking operation on the first floor as future growth/consolidation space. The publicly bid project was executed under four separate prime contracts. Security provisions related to isolating financial and billing offices were incorporated into the design as well. The final built result has received rave reviews by City employees occupying the renovated facility – which has also proven to be an extremely "customer friendly" functional environment and one that conveys an appropriately dignified visual aesthetic that does not reflect the modest construction and FF&E expenditure by the owner.





25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT	[Section C Firms:]
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION (City and State)

New Severn Intergenerational Community Center Ellicott City, Maryland

22. YEAR COMPLETED

PROFESSIONAL SERVICES 2022 (est.)

CONSTRUCTION (if Applicable) 2022 (est.)

23. PROJECT OWNER'S INFORMATION

PROJECT OWNER
 Arundel Community Development Services, Inc.
 Annapolis, Maryland

- POINT OF CONTACT NAME
 Lisa Lindsay-Mondoro
 Chief Executive Officer
- c. POINT OF CONTACT PHONE NUMBER & EMAIL (410) 263-2542 Imondoro@bgcaa.com

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

The new Severn Intergenerational Center will be comprised of 28,000 gsf and contain a Senior Activity Center and a regional Boys and Girls Club. The new facility will be constructed on a 26-acre site, the development of which is also part of the project.

M&D served Anne Arundel Community Development Services, other building stakeholders, and the community by leading multiple community outreach events and facilitating design charrettes at the outset of the programming/schematic design phase. Ultimately the \$12M building has been appropriately sited and designed with three primary structures (Senior area, Boys and Girls Club area, and a shared vestibule and gymnasium) connected by service wings that contain two warming kitchens, food distribution pantries, mechanical rooms, and roof top equipment. This layout and arrangement of programmatic spaces provides areas of shared use as well as the required building separation of utilities and acoustics between the Senior Activities Center and the Boys and Girls Club.

A main feature of the project is a sculptural canopy that shelters the Intergenerational Plaza, a place conceived with the stakeholders to foster interaction and shared programming among the Senior Center, Boys and Girls Club and the Severn Community. The entry to the building is composed of a shared "drop-off" canopy that leads to a shared vestibule among the tenant spaces. An intergenerational plaza is located in view of the reception area for both tenant spaces and is furnished to foster shared programming. The site also includes ample accessible parking spaces, designated areas for community gardens, native plantings, a meditation garden, landscape buffer against Reece Road.









	25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT [Section C Firms:]									
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE:							
a.	Murphy & Dittenhafer, Inc.	Baltimore, MD	Architecture & A/E Overall Project Mgmt.							
1.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE:							
b.	Convergent Technologies Design Group	Baltimore, MD	IT/Data/Security Consulting							
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE:							
C.	Aria Environmental, Inc.	Woodbrine, MD	Hazardous Materials Consulting							

	G. KEY	PERSONNEL PARTICIPAT	ION IN	EXAMPLE PROJECTS										ļ
26. NAMES OF KEY PERSONNEL 27. ROLE IN T (From Section E, Block 12) (From Section E)					28. EXAMPLE PROJECTS LISTED IN SECTION F									
Fra	nk E. Dittenhafer II, FAIA, LEED AP	Principal in Charge		,,	1 X	2 X	3 X	4 X	5 X	6 X	7 X	8 X	9 X	10 X
-	fanie J. Tincher, AIA	Project Manager												
	vin S. Stick	QA/QC Construction	Admin	istrator		Х				Х	Х			Х
	nathan A. Taube, Associate AIA	Architectural Designer Specialist								X	X			X
Kes	suith Smith, PE	Project Mechanical Eng	ineer								Х			
Kar	-l M. Gumnick	Project Electrical Engin	eer								Х			
Mi	na Hutchinson	Electrical Engineer									Х			
Bill	ie J. Swailes, PE	Professional Civil Engin	eer											
Eri	c H. Iser, PE	Civil Project Engineer												
Ste	ve J. Gyurisin, PE	Professional Geotechni	cal En	gineer										
Fra	nk S. Malits, PE	Principal Structural Eng	ineer											
D. '	William Holaday, CTS-D, DMCD, VSSD	Design Principal							Х					Х
Bri	an Whitlock, CTS-D, RCDD, DMC-D	Telecom and Security P	rincip	al					Х					Х
Ale	xander Good, CTS-D, DMC-T-4K	Senior Designer							Х					
Llo	yd Bernstein	President Chief Estimat	or		x									
Juli	e Barth, CIH, CSP, LEED Green Associate	Certified Industrial Hyg	ienist				Х							Х
Bri	an Sciorilli	Environmental Enginee	r											Χ
		29. EXAMPLE PR	1										•	
NO.	TITLE OF EXAMPLE PROJECT (F	ROM SECTION F)	NO.	TITLE OF EXAMPLE	PR	OJE	СТ	(FR	MC	SEC	CTIC	ON F)	
1	Public Safety Building Renovation and Additions Frostburg, Maryland		6	Spring Garden Townshi & Violet Hill Communit York, Pennsylvania			cipa	al Co	omp	olex				
2	Mitchell Courthouse Renovation Baltimore, Maryland		7	ABC Catherine Park Rei Baltimore, Maryland	nova	itior	1							
	Baltimore City DGS On-Call Contract			Baltimore City Rec & Po	arks	On-	Cal	l Co	ntro	act				
3	Harford County Sheriff's Office Building Bel Air, Maryland			Roosevelt Park Poolhou Baltimore, Maryland	ıse F	Reno	ova	tion	1					
	Harford County, Maryland On-Call Cont	ract Baltimore City Rec & P			arks	On-	Cal	l Co	ntro	act				
4	Sarah's Hope Site Improvements Baltimore, Maryland		9	York City Administratio York, Pennsylvania	n Bu	ıildii	ng f	Ren	ova	tior	1			
5	New Carroll County Office of the State's Westminster, Maryland	s Attorney	10	New Severn Intergener Ellicott City, Maryland	atio	nal	Cor	mmı	unit	ту С	ent	er		

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY.

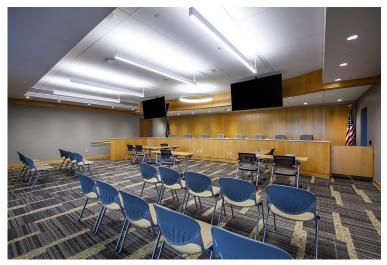


ARCHITECTURAL, ENGINEERING, & CONSULTING TEAM INTRODUCTION

The Murphy & Dittenhafer Architectural, Engineering, and Consultant team is comprised of many highly-regarded and technically capable firms with regional municipal experience, yet local to and invested in the State of Maryland. These firms, and the individual professionals within them, have been assembled specifically for the City of Glenarden A/E Professional Services projects. Drawing upon its significant combined previous experience, our team will design important systemic renovations in a cost-effective manner.

TEAM MEMBER FIRMS

- Murphy & Dittenhafer Architects
 Architecture & Overall Project Management
- KES Engineering, Inc.
 Mechanical, Electrical, Plumbing, &
 Fire Protection Engineering
 MBE #00-316
- Triad Engineering, Inc.
 Civil, Geotechnical, & Traffic Engineering
 & Landscape Architecture
- Cagley & Associates, Inc.
 Structural Engineering
 MBE #07-228
- Convergent Technologies Design Group, Inc.
 Data, Telecom, Security Consulting
 WBE #12-060
- CostCon Construction Services, Inc.
 Cost Estimating
- Aria Environmental, Inc.
 Hazardous Material Consulting
 WBE #04-010



Spring Garden Township Municipal Complex



COMPREHENSIVE TEAM CAPABILITIES, PROJECT UNDERSTANDING & APPROACH

The information contained within the following section clearly delineates the comprehensive capabilities, project experience of the well-rounded Murphy & Dittenhafer Architects' A/E Team. This team is uniquely well-poised to undertake an array of task assignments, including the two projects specifically mentioned at the pre-proposal involving the Renovation of the Council Chambers project and the Park Site Planning project – and understands these efforts will be more modest in scale. All team member firms have a proven history of significant and successful project collaborations – as well as experience with all anticipated projects to be assigned under the City of Glenarden On-Call Contract.

Our A/E Team's understanding of achieving successful results within the parameters of Municipal On-Call Contracts, and well as the manner in which we Approach such projects is also delineated through this Section H.

COMPREHENSVE & RELEVANT EXPERIENCE



Within a budget conscious approach to design excellence Murphy & Dittenhafer Architects (M&D) and our Team possesses the most highly skilled and qualified combination of attributes specifically relevant to the projects expected to be undertaken by the City of Glenarden – as delineated on the chart below. Images of relevant projects are also shown.

	City of Glenarden/ Prince Georges County, Maryland Experience	Maryland Municipal On-Call Experience	Municipal/ City Hall Experience	Council Chamber Experience	Park/Playground /Fitness/Site Work Experience	EV Charging Station Experience
M&D – Architecture & Overall Project Management	X	Х	X	X	X	Х
KES – MEP/FP Engineering	X	Х	X		X	
Triad – Civil/Geotech/Traffic Eng. & LA	X	Х	X		X	
Cagley – Structural Engineering		X	X	X	X	
Convergent – Data/Telecom/Security	X	X	X	Х	X	
CostCon – Cost Estimating	Х	Х	X	X	X	Х
Aria – Hazmat	Х	Х	Х	Х	Х	















"RIGHT-SIZED" ARCHITECTURAL, ENGINEERING, & CONSULTING TEAM

The above-listed firms, and the individual professionals within them, have been assembled specifically for the City of Glenarden A/E Professional Services projects. As a 24-person firm, Murphy & Dittenhafer is exactly the right size to implement these projects – small enough to have hands-on principal involvement, and large enough to have the staffing capacity and talent to handle all project aspects expeditiously and within budget. All Team firms are poised to effectively handle one or multiple simultaneous project assignments. We have collaborated frequently with many members of the Engineering and Consulting team –and each firm is similarly sized and able to provide exceptional skill and input. The M&D Team has the experience and open workload to provide services in a comprehensive, cost-effective, and expeditious manner.

TEAM COLLABORATION CHART



Each firm on the Murphy & Dittenhafer Architects' Architectural, Engineering, and Consulting Team – as well as the individual professionals on the team – was chosen for the specific expertise they will bring to projects assigned under the City of Glenarden Professional Services Contract, as well as previous long-standing history of successful collaborations on similar projects. The Team is comprised of many award-winning firms with regional and national experience, yet local to and invested in the State of Maryland.

Successful Collaborations	M&D	KES	Triad	Cagley	Convergent	CostCon	Aria
M&D – Architecture & Overall PM	N/A	Х	Х	Х	X	X	Х
KES – MEP/FP Engineering	Х	N/A		Х	Х	Χ	X
Triad – Civil/Geotech/Traffic Eng. & LA	Х		N/A	X	Х	Χ	X
Cagley – Structural Engineering	Х	X	X	N/A	Х	X	Х
Convergent – Data/Telecom/Security	X	X	X	Χ	N/A	X	X
CostCon — Cost Estimating	Х	X	Х	Χ	X	N/A	X
Aria – Hazmat	X	X	X	Χ	X	X	N/A

COLLABORATION & COORDINATION USING TECHNOLOGY

M&D will take the lead in management and coordination of the design team to meet the needs of the City of Glenarden. After receipt of a task assignment, we will begin to establish lines of communication with City of Glenarden and our A/E team. M&D can set up a SharePoint website for coordination and collaboration of the A/E Team and City of Glenarden. Shared reference documents, record submission drawings and meeting minutes will be posted. M&D will orchestrate a kick-off meeting with representatives of City of Glenarden and all relevant members of the design team. M&D will create a design phase schedule indicating all design and submission milestones and monthly design review meetings will be scheduled. We are successfully utilizing GoToMeeting, Zoom and other conferencing services. We coordinate Construction Administration through online construction programs such as Viewpoint, Prolog, Procore and eBuilder to name a few, which allow for shop submittals and RFI to be accessible to the whole team. Depending upon the scope and scale of the project, as well as the preference of the City, our Team can complete projects in CAD or REVIT.

PROJECT COLLABORATION & E-FILE DOCUMENT SHARING

M&D's A/E Team is composed of firms dedicated to and experienced with collaboration and coordination of design efforts for local municipal projects utilizing the latest technologies available. Our A/E Team are well-versed in the use of Autodesk CAD as well as Revit Architecture building design software and have experience in BIM 360 on the cloud, live REVIT model sharing, and overlaying our partnering firms' software systems. M&D, CEI and CTDG have successfully coordinated the architectural and structural models in BIM Revit. KES uses Revit to integrate and coordinate MEP systems with the architectural and structural models. They also utilize clash detection to further enhance coordination. Revit can also be used to review and analyze design team drawings for sustainability compliance (as needed). CTDG has successfully participated in over two hundred (200) projects using BIM. All their Low Voltage devices are modelled in REVIT, and capable of working with Architectural and MEP models.

BUILDING LIFE AND LONG-TERM VALUE

M&D understands the importance of designing municipal buildings and outdoor recreational/playground/fitness facilities that are long-lasting — and can withstand aesthetically, functionally, and structurally. We believe that the most community/municipal buildings are those that address current needs and easily respond to future needs. Materials and structural systems must be robust to withstand an energetic and vigorous environment and constructed such that they will provide decades of durability. Architecture and Engineering that strategizes for a long-term life can provide lasting value and save costs by eliminating the need for avoidable repairs and maintenance and, more importantly, allowing for easy repurposing of buildings and spaces when new programmatic and instructional needs arise. Building and outdoor recreational elements should be scrutinized for their durability and long-term life cycle cost prior to selection and incorporation — including structural and mechanical/ electrical/plumbing systems, non-structural elements, casework and fixed items, furnishings, building foundation systems, and the building envelope. Murphy & Dittenhafer works in conjunction with owners, maintenance staff, and other key personnel to ensure designs that address current programmatic and spatial needs while also ensuring a long-term usability and functionality.

MURPHY & DITTENHAFER FIRM OVERVIEW

Murphy & Dittenhafer

Murphy & Dittenhafer has been recognized for architectural excellence since the firm was founded in Baltimore in 1985. Our approach involves:

- Collaborating with our clients on each step of the process
- Integrating function and systems with architecture for pleasing, productive environments
- Creating inspired design solutions with real and lasting value
- Optimizing site settings and other elements, such as natural light
- Honoring budgetary and time constraints



Washington County (MD) Senior Community Center

Our Philosophy

Our goal is to develop a design that is appropriate for the needs and style of our clients, while creating spaces that make a positive contribution to the human experience. By integrating function with architecture, we create environments that are engaging to the users. We consider how people enter and move through a building or site, the processes and activities they need to carry out, and how we can integrate those to enhance the experience for all. We respect budgets and timelines. Additionally, rather than viewing parameters as limitations, we see them as contributing factors to a unique, positive design solution.

Who We Are

In 1985, co-founder Frank E. Dittenhafer II, FAIA, LEED AP launched Murphy & Dittenhafer Architects. Over the years, it has grown to include a staff of architects and support staff of 24, with offices in Baltimore, Maryland and York, Pennsylvania. Our team brings optimism, energy, and imagination to each project.

Informed Design Services

Murphy & Dittenhafer provides award-winning architectural, programming/space planning, and planning services for master planning, feasibility studies, renovation, historic preservation, expansion, and new construction for clients throughout the Mid-Atlantic region. We design sustainable, accessible facilities and work with adaptive re-use and historically sensitive buildings. Our ability to adhere to strict codes and funding requirements means that we deliver design solutions that are practical and appropriate.

A Diverse Portfolio

Our work includes projects on a multi-million-dollar scale, as well as modest facilities, which are significant in a variety of ways, for numerous municipal clients such as Baltimore City Department of Recreation and Parks, Baltimore County, Harford County, Howard County, Carroll County, Cecil County, Frederick County, Maryland, Pennsylvania Department of Conservation & Natural Resources, Maryland Stadium Authority, and others. Our design solutions include facilities for recreation, community programs, municipal/public service offices and administration, law enforcement, public works, libraries.

Awards for Design Excellence

Throughout our history, we have been recognized with over 225 design awards – more than any other local firm in the Baltimore/ Central Pennsylvania region. While awards are just one measure of success, they are an indication of the intensity and high professional standards with which M&D approaches each project. We design renovations that are beautiful, convenient, enduring, safe – and inspiring. We have also consistently been recognized with the Good Design = Good Business Award for designs that have a positive impact on our clients' operations and/or bottom line.







INTEGRATED SPACE PLANNING/INTERIOR DESIGN/PROGRAMMING A Murphy & Dittenhafer



M&D provides full "in-house" Space Planning, Programming and Interior Design Services. Our interior design, space planning and programming efforts can occur in a stand-alone manner, such as the many projects we have accomplished within Space Planning On-Call Contracts for both Baltimore County and Anne Arundel County.

Such efforts can also occur simultaneously within the scope of architectural design efforts, providing a seamless integration of interior design and space planning within the architectural and engineering design. As a result, we create comprehensive and cohesive new construction/renovation/addition/reconfiguration designs which include a coordinated package of finishes, accessories, lighting, and furniture consultation for a unified, complete interior space. Interiors uses interesting yet durable materials in innovative ways to create texture, depth, and character. Clemens thoughtfully selects materials that not only create inspiring places but are also practical and realistic to provide long-term value projects.

On many projects, M&D Interiors is fully responsible to create a full interior finish, furniture, fixtures, and equipment plan that effortlessly incorporates and complements operations/goals, functionality, and user enjoyment, as well as client's preferences – in addition to architectural design that facilitates communication and collaboration. M&D has provided such services on numerous projects, partial listing below:

- Harford County Sheriff's Office Building, Bel Air, MD
- Carroll County Office of the State's Attorney, Westminster, MD
- New Severn Intergenerational Center, Ellicott City, MD
- Washington County Senior Activities Center & Commission on Aging Offices, Hagerstown, MD
- Florence Bain 50+ Center, Columbia, MD (shown right)
- Harriet Tubman Cultural Center, Columbia, MD
- County Executive Offices, Anne Arundel County, MD
- Courthouse Administrative Offices, Anne Arundel County, MD
- Central Services Administration Offices, Anne Arundel Co., MD
- Planning and Zoning Offices, Anne Arundel County, MD
- Public Safety Building, Baltimore County, MD
- Baltimore Historic Courthouse, Baltimore County, MD
- ABC Catherine Park, Baltimore, MD
- Towanda Recreation Center, Baltimore, MD
- Riverside Park Athletic Field House, Baltimore, MD
- Public Safety Building, Frostburg, MD

3-D RENDERINGS

In addition to modeling in Revit Architecture 2022, M&D is using the latest software to create renderings and animations utilizing the 3D building model. Since this software is synchronized directly with Revit, there is a quick and easy way to update renderings as the design of the building progresses. This feature is a valuable tool throughout all phases of the design. The final renderings allow for a realistic view of how the building's exterior and interior can be expected to look upon completion of the project including the finish and furniture selections. Prior to finish/furniture selections being finalized, the texture mapping features allow for wall, floor, ceiling, furniture, or any other material to be easily changed to see how different materials or colors would look in a certain space. The renderings can work in conjunction with physical finish samples to create a complete understanding of a how space will look and feel. In addition to being able to see how materials look in a space, the ability to add people and furniture can also help provide a better understanding of how a space can function. The images shown to the right were created for the New Bedford Replacement Elementary School, Baltimore County Public Schools.









HIGHLY SKILLED AND QUALIFIED



Within a budget conscious approach to design excellence, Murphy & Dittenhafer Architects (M&D) possesses the most highly skilled and qualified combination of attributes as related to collaborating with the City of Glenarden for Projects expected to be assigned under its On-Call Contracts – comprehensively delineated on the chart below. Primary among them are:

- Experience with all expected Project Types, Sizes, Scopes of Service
- Significant experience with local Municipal/On-Call Projects
- "Right-Sized" A/E Team with successful previous collaborations
- Smart Approach to Maximizing Design within Budget
- Expertise Modernizing Municipal Structures/Sites
- Baltimore County firms with Close Proximity to Project Sites

Highly Skilled & Qualified	State of MD Project	Municipal Project	Completed Under On-Call Contract	Similar/Relevant to Anticipated City of Glenarden Projects	Proposed M&D Project Manager/Staff Involvement	New Construction/Addition	Renovation	Playground/Fitness Components	Design Award	Proposed Subconsultant(s) Collaboration
Washington County Senior Activities Center & Offices	X	Χ		Χ	Χ	Χ	Χ		X	X
Public Safety Building - City of Frostburg	Х	Х		Χ	Х	Х	Х	Х		
Sheriff's Office - Harford County (shown below)	Х	Х	X	Х	Х		Х	Х		X
Bain 50+ Center - Howard County	Х	Х	Х	Х	Х		Х	Х		Х
Harriet Tubman Center - Howard County	Х	Χ	Х	Χ	Х	Χ	Х	Х		Х
Barnard Fort House - Howard County	Х	Х	Х	Χ	Х		Х	Х		Х
Office of the State's Attorney - Carroll County	Х	Χ		Χ	Х	Χ		Х		Х
Severn Intergenerational Center	Х	Х		Χ	Х	Х		Х		Х
Various Projects - Maryland Judiciary	Х	Х	Х	Х	Х		Х			
Various Space Planning Projects - Baltimore County	Х	Х	Х	Х	Х		Х	Х		
Various Space Planning Projects - Anne Arundel County	X	Χ	Х	Χ	Χ		X	X		
East Side Maintenance Yards-Baltimore City DGS	Х	Х		Χ	Х	Х		Х	Х	
Seneca Store Archaeological Feature - M-NCPPC	Х	Χ	Х	Χ	Χ	Χ		X		X
Mt. Calvert Roof Replacement - M-NCPPC	Х	Х	Χ	Χ	Х		Х			Х
ABC Catherine Park - Baltimore City Dept of Rec & Parks	X	Х	X	Χ	X	Χ				X
Towanda Recreation Ctr - Baltimore City Dept of Rec & Parks	Х	Х	Х	Χ	Х		Х			Х
Gwynns Falls Maintenance Yard – Baltimore City Dept of Rec & Parks	X	X	X	Χ	Χ		X	X		X
Bocek Field House - Baltimore City Dept of Rec & Parks	Х	Х	Χ	Χ	Х		Х			Х
Lakeland Recreation Ctr - Baltimore City Dept of Rec & Parks	Х	Х	Χ	Χ	Χ		X	X		Χ
Druid Hill Comfort Station – Baltimore City Dept of Rec & Parks	Х	Х	Χ	Χ	Х	Χ	Х			Х
Cylburn Arboretum - Baltimore City Dept of Rec & Parks	X	Х	Х	Χ	X			X		
Mt. Pleasant Ice Rink - Baltimore City Dept of Rec & Parks	Х	Х	Х	Х	Х		Χ			Х
Park Heights Police Department - Baltimore City DGS	X	X	X	Χ	Х		_	X		X
Southwest District Police Station - Baltimore City DGS	Х	Х	Х	Х	Х		Χ			Х
Mitchell Courthouse - Baltimore City DGS (shown below)	X	X	X	Χ	X		Χ			X
Mayor's Office of Employment Development – Baltimore City DGS	Х	Х	Х	Х	Х		Χ			
Maryland Employee's Credit Union - Baltimore City DGS	X	X	X	Χ	Х		X			
Various Projects Abel Wolman Office Building – Baltimore City DGS	Х	Х	Х	Χ	Х		Χ			
York Jewish Community Center – York, PA (shown below)		Χ		Χ	Х	Χ	Χ	Χ	X	X







PRINCE GEORGE'S COUNTY EXPERIENCE



LANHAM HALL RENOVATION & ADDITION, PRINCE GEORGE'S COMMUNITY COLLEGE, LARGO, MD









STATUS

Construction Completed

CONSTRUCTION COST \$32,062,808

SIZE 93,727 sf

OWNER

Prince George's Community College 301 Largo Road Largo, Maryland

DESIGN AWARDS

-Craftsmanship Award Washington Building Congress

PROJECT DESCRIPTION

The Lanham Hall 79,150 sf renovation and 14,577 sf addition project included the complete interior and exterior renovation of an existing building constructed in 1968 which appeared as four large opaque, dark brown brick blocks. M&D's goal was to completely redesign the existing building's exterior while maintaining much of the original materials for LEED purposes. The resultant design has reinvented Lanham Hall with a new iconic image for the 21st century. New, state-of-the-art building systems and glazing create a new transparent and engaging educational environment.

Additionally, the design provides a comprehensive student learning center supporting Workforce Development and Continuing Education (WDCE) programs and student support programs and services. The classroom and other educational spaces incorporate innovative, technology-rich environments, including short throw projectors, smart lectern/teacher stations, and wireless communications, to create high quality learning environments. Corridors are designed with additional gathering areas and benches to encourage collaboration and ubiquitous learning. Other organizational units include the Administrative Services Area (Print Shop, Supply Room, and Mail Room), which was relocated from the Largo Student Center and expanded, as well as twelve student support programs and services. The third floor accommodates an expanded Middle College High School in partnership with the Prince George's County Public School System.

With LEED Gold Certification the project incorporates green roofs, high-performance lighting and mechanical systems, and a tiered lecture hall within the oval addition. All new mechanical equipment is located on the rooftop to save valuable space at the ground level and is hidden from view behind a curved metallic screen. The transformational results are a stimulating new place for students that will provide Prince George's Community College with a repurposed building to meet their modern needs, and a much-needed new identity.

ON-CALL CONTRACT EXPERIENCE



M&D is successfully working under On-Call contracts with many public, municipal, and institutional entities – including local governments and state government agencies within the State of Maryland and other entities throughout the Mid-Atlantic region, including:

ON-CALL CONTRACTS	LOCATION
Calvert County, Maryland	Throughout Calvert County, MD
Carroll County, Maryland	Throughout Carroll County, MD
Cecil County, Maryland	Throughout Cecil County, MD
Harford County, Maryland	Throughout Harford County, MD
Howard County, Maryland	Throughout Howard County, MD
Frederick County, Maryland	Throughout Frederick County, Maryland
Baltimore County, Maryland	Throughout Baltimore County, MD
Baltimore County Community Revitalization	Throughout Baltimore County, MD
Baltimore County Government Space Planning On-Call	Throughout Baltimore County, MD
Anne Arundel County Governmental Space Planning On-Call	Throughout Anne Arundel County, Maryland
Baltimore City Department of Recreation and Parks	Throughout Baltimore City, MD
Maryland National Capital Park & Planning Commission (M-NCPPC)	Throughout State of Maryland
State of Maryland, Department of General Services	Throughout State of Maryland
Maryland Stadium Authority	Throughout State of Maryland
University of Maryland, Baltimore	Baltimore, MD
University of Maryland, College Park	College Park, MD
Howard Community College	Columbia, Maryland
Baltimore County Public Schools	Throughout Baltimore County, MD
Anne Arundel County Public Schools	Throughout Anne Arundel County, MD
Pennsylvania Department of Conservation & Natural Resources	Throughout State of Pennsylvania
Harrisburg Area Community College	Throughout State of Pennsylvania
Pennsylvania State System of Higher Education	Throughout State of Pennsylvania

This current and previous experience forms an extremely solid foundation for future successful on-call projects with the City of Glenarden. Additionally, M&D staff is adept at coordinating and collaborating with a variety of Facilities, Maintenance, Public Works, and other departmental representatives, as well as Engineering or other Specialty consultants that would be required, based on the scope of the individually assigned projects.

ON-CALL CONTRACT EXPERIENCE



M&D successfully maintains IDC/On-Call Contracts with the following Maryland entities and keeps staff available at all times to rapidly respond to task order assignments.

Carroll County, Maryland

Renovations to Bureau of Permits & Inspection Dept.
Carroll Community College Bldg. A Re-roof
Public Works Office Building Lobby Renovation
Government Master Plan
Carroll County Farm Museum

Frederick County, Maryland

New Pine Avenue Maintenance Complex*
300 Scholls Lane Roof
Jefferson Satellite Facility Enhancements*
Nature Center at Fountain Rock Park Improvements
New Montevue Campus Refueling Station
800 Oak Street Project 1 and Project 2

State of Maryland - Dept. of General Services

Maryland School for the Deaf Assessment
MSP Waterloo – Tactical Services Garage Doors

University of Maryland, Baltimore

222-224 N. Greene Street Redevelopment Towson University 401 Washington Ave. Floor Plans Towson University Washington Ave. ADA Lift Towson University Liberal Arts Roof Replacement School of Nursing, Suite 311 Renovation

University of Maryland, College Park

Advanced Cybersecurity Experience Renovation*
Bowie State J.E. Proctor Building Chiller Replac.
UMES Carver Hall Renovation
UMCP Cole Head House Renovation

Baltimore County Public Schools

Victory Villa Preliminary Evaluation and Historic Report Victory Villa Replacement Elementary School Rosedale Center Elementary School Renovation Orems Elementary School Evaluation Golden Ring Middle School Evaluation Stemmers Run Elementary School Evaluation Colgate Elementary School Feasibility Study Bedford Replacement Elementary School Red House Run Replacement Elementary School

Anne Arundel County Public Schools

Sunset Elementary School Kindergarten Addition Secure Vestibules for Seven Elementary Schools

Calvert County, Maryland

Pines Senior Center Expansion Concepts

Cecil County, Maryland

Animal Shelter - Cattery Addition and Sprinklerization

Howard County, Maryland

Bain 50+ Senior Center Programming
Bain 50+ Senior Center Renovation*
Bain 50+ Senior Center Courtyard Enclosure
Historic Belmont Barn Assessment/Feasibility Study
Howard Comm. College Repurpose of the Photo Studio
Historic Harriet Tubman Com. Culture Ctr. Master Plan
Harriet Tubman Comm. Culture Ctr. Carpentry Shop
Harriet Tubman Comm. Culture Ctr. Gymnasium
Harriet Tubman Comm. Culture Ctr. Renovation*
Barnard Fort House Renovation

Maryland-National Capital Park & Planning Commission

Seneca Store Archaeological Feature Protection & Exhibit Mount Calvert Manor Roof, Repointing, and Repairs

Baltimore County Government Space Planning

Board of Elections Renovation
Stembridge Community Center
IT/Print Shop Renovation
Public Safety Building Renovations
Animal Services Building
Pickle Ball Courts Line Painting
Historic Courthouse Renovation
Offices of Payroll and Retirement Renovation
Soukup Arena Volleyball/Pickleball Court Line Painting

Anne Arundel County Governmental Space Planning

County Executive Offices Interior Renovation*
Courthouse Administrative Offices Interior Renovation
Central Services Adm. Offices Interior Renovation
Planning & Zoning Office Interior Renovation
Transportation Offices Programming Study
Center Meeting Rooms Interior Renovation
OIT Hybrid Work

Baltimore City Dept. of Recreation & Parks

Gwynns Falls Maintenance Yard Renovation
Lakeland Recreation Center Renovation
ABC Catherine Park Renovation
Druid Hill Comfort Station Replacement
Bocek Field House Renovation
Cylburn Carriage House Stabilization and Demo
Shake and Bake Family Fun Center
Towanda Recreation Center Renovation*
Mt. Pleasant Ice Rink Renovation
Riverside Park Field House Renovation
Mary Rodman Recreation Center Renovation
James D. Gross Recreation Center Renovation
Morrell Park Field House Replacement

PA Dept. Of Conservation & Natural Resources

Ryerson Station State Park Stream Restoration Ryerson Station State Park Improvements Ryerson Station St. Park Kent Run Stream Assess. New Boater's Change House Facility Laurel Hill State Park Organized Group Camps Susquehanna State Park Long House Repairs Gifford Pinchot State Park Shower Houses Repairs

Baltimore County Community Revitalization

Jung Properties | Center Place
Country Ridge Shopping Center
17 Hanover Pike
15 Main Street and 17 Main Street
Jennings Café | The Cube
Rapid Restoration | Pappus Seafood
720 Frederick Road, Catonsville
Dominican Beauty Center
6901 Belair Road | 7714 Harford Road Parkville
5400-5410 East Drive, Arbutus
AOC 3527 N. Rolling Road

Harford County, Maryland

Sheriff's Office Building Renovation*
Bel Air Library Renovation
Sheriff's Office Basement Renovation

















Additional Relevant/On-Call project experience is highlighted on the following pages.

BALTIMORE CITY DEPARTMENT OF RECREATION & PARKS ON-CALL CONTRACT PROJECTS



M&D has undertaken the following representative projects, under our current On-Call Contract from 2016-present:

Comfort Station at Druid Hill Park

This location was listed on the National Register of Historic Places in 1969, with specific mention of the Comfort Station. M&D successfully guided our design for the replacement of the Comfort Station through the CHAP process for approval. **464 sf | \$450,000**

Towanda Recreation Center Renovation

Renovations to improve the community and user experience from the dated, worn facility into a more welcoming and engaging space. New casework with sink, bar height seating, and flexible, movable furniture will optimize the use of the space. **1,150 sf | \$400,000**

PROPOSED COMPORT ETRICAL TROY ATTOM PROJUCY (EXISTRIB, NOT 21 SCORE)

Comfort Station at Druid Hill Park

Bocek Fieldhouse Renovation

Renovations to provide a large community gathering room for flexible use, community rooms, office, kitchenette, new toilet rooms, and mechanical/storage space. **2,890 sf | \$725,000**

Gwynns Falls Maintenance Yard Building Renovation

Design of a new building adjacent to the existing to contain new administrative offices, a meeting room, and toilet rooms. The remainder of the U-shaped facility was renovated. Design services also included new/reconfigured MEP systems for the new office building as well as the existing building. 10,388 sf | \$2M



Towanda Recreation Center

Lakeland Recreation Center Renovation

Replacement of existing windows and doors, and provision of a Building Evaluation. M&D observed and analyzed specific building conditions and identified deficiencies/ inadequacies and developed a scope of necessary building improvements that addressed the current/future user needs. **8,925 sf** | \$397,800



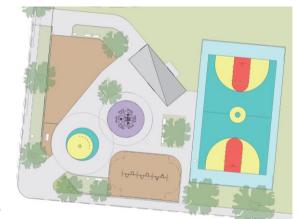
Bocek Fieldhouse

Mt. Pleasant Ice Arena

Renovation of the existing Ice Arena to provide entrance improvements, updated lobby space, upgrades to the concession area, locker rooms with upgrades showers and ADA compliant restrooms. 31,331 sf | \$2M

ABC Catherine Park Renovation

Renovation which totals just over one acre in area. The new Park design will optimize use of the park with new play areas and a basketball court, improve pedestrian access, limit vehicular traffic access for maintenance vehicles, renovate landscaping, and provide a new, small building for community use with toilet facilities and storage. 660 sf | \$1.2M



ABC Catherine Park

Carriage House at Cylburn Arboretum Park

Renovations created an innovative educational space and establish the structure as a highly functional and vital connection to the surrounding community and lush nature and restoration of the Portico. 3,360 sf | \$200,000

M&D is collaborating with KES for projects assigned under this On-Call Contract.

BALTIMORE CITY DEPARTMENT OF GENERAL SERVICES ON-CALL CONTRACT PROJECTS

M&D completed the following representative projects under this On-Call from 2010-2020:

Clarence Mitchell Courthouse Renovation

Interior renovations to design new third & fourth floor courtrooms, including Jury deliberation room with private men's and women's restrooms, Judge's Chambers including offices for the Judge, Judge's assistant, and up to two clerks. **20,000 sf | \$2.1M**

Park Heights Police Station Feasibility Study

Feasibility study/concept design for a new police station, including programmatic confirmation, cost estimate, and scope.

Southwest District Police Station Renovation

Interior renovations to transform a former cell blocks into open and enclosed office spaces, including the addition of a small break area.

Fire Engine House 44 Roof Replacement

Complete removal of the existing slate roofing system including all related flashings, gutter, downspouts and other appurtenance to the roof decking, and the installation of a new complete "slate-look" synthetic roofing tile and drainage systems. \$245,000

Fire Engine Houses 45 & 53 Renovation

Interior renovations, upgrades, and improvements providing new electrical power systems and circuiting. The Kitchen and TV area were renovated/updated, providing a new, larger, and much improved kitchen/cabinetry layout. **6,500 SF | \$1.2M**

Abel Wolman Building

Treasury Management Department Renovation

Interior renovations to reconfigure the layout of the Department to include the creation of new 'open office' spaces, a new conference room, private offices, and storage spaces. 3,000 SF | \$575,000

Mayor's Office of Employment Development (MOED) Renovation

The renovations entail repairing water infiltration and exterior damage to the brick: masonry due to flashings, downspout, and internal gutter deterioration, damage to the metal cornices due to moisture which has resulted in missing portions of the original historic cornice and temporary patches that did not provide to be a viable long-term solution. 17,700 sf | \$877,400

Municipal Employees Credit Union Office (MECU) Systemic Renovation

M&D provided comprehensive design for the replacement of the windows and first-floor storefront areas at the MECU Building located at 7 East Redwood Street in Baltimore.

81,700 sf | \$1.8M





Clarence Mitchell Courthouse



Mayor's Office of Employment Development



Fire Engine House 44 Roof Replacement



Municipal Employees Credit Union Office

FREDERICK COUNTY. MARYLAND ON-CALL CONTRACT PROJECTS



M&D has undertaken the following representative projects, under our current On-Call Contract from 2019-present:

Nature Center at Fountain Rock Park Improvements

Modernization of the interior and repairing the building envelope. Existing layout was reconfigured with new animal enclosures and built in casework . A new animal care room was added. Interior spaces were renovated with new LVT flooring, gypsum board ceilings, and new LED lighting. New aluminum clad wood windows were added to replace the existing windows. Minor exterior repairs were made to replace deteriorated materials. 1,700 SF | \$700,000

New Pine Avenue Maintenance Complex

New facility and site improvements. The existing structures will be demolished, and a new facility will house all Facilities
Maintenance functions. The new facility will accommodate shop areas for Departments such as carpentry, painting, HVAC, electrical, plumbing, locksmith, vehicle bay(s), and storage. Office space will also be provided for Administrative and other personnel (approximately 40) and is to include meeting and training rooms. Other support spaces such as locker rooms with showers, breakroom with kitchen, and restrooms, will also be provided. At this time, it is envisioned that the northern most shed structure will be enhanced with a new receiving/loading dock and lift to the existing second floor storage area and improved lighting. 15,000 SF | \$4M

EMS Storage Facility Roof Replacement

Roof replacement with a 0.80 thickness white TPO membrane that meets County Standards. All existing skylights and unnecessary penetrations will be removed and sealed. 20,000 SF | \$600,000

Jefferson Satellite Facility Enhancements

Expansion and general infrastructure improvements to the Jefferson Satellite Facility to provide additional covered parking for maintenance vehicles with an enclosed wash bay and chain storage, a fueling station, and relocated brine tanks. The new open-sided structure will contain 4 parking spaces and be constructed of concrete masonry units for durability, wood framing and steel structure, exterior metal panels, and a metal roof. Adequate ventilation is provided through metal louvers and natural daylight shines deep into the parking structure via aluminum storefront systems. Other site and infrastructure improvements include a new generator to serve the facility, card reader access at the vehicular/gate entrance, reconstruction of a failing stormwater facility, and extended infrastructure. **650 SF** | \$1.05 M

M&D is collaborating with Triad Engineering for projects assigned under this On-Call Contract.









PENNSYLVANIA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES ON-CALL CONTRACT PROJECTS



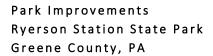
M&D has undertaken the following representative projects, under our current On-Call Contract from 2016-present:

New Boaters Change House Facility Ohiopyle State Park Ohiopyle Borough, Fayette County

Construction of a new Boaters Change House facility that serves both the needs of the private boater accessing the Youghiogheny River, as well as the general park visitor. **\$1.1M**

Stream Restoration Ryerson Station State Park Greene County, PA

Design and construction of a comprehensive natural ecosystem restoration of the stream channel and floodplain within the park, as well as including a vehicular roadway and bridge crossing North Fork Dunkard Fork and connecting the park office complex and the Maple Grove day use area. This project also incorporates other operational and recreational amenities. **\$8M**



Re-design of the Maple Grove day use area with various operational and recreational amenities, including a parking area and vehicular circulation, four pavilions on concrete pads with water and electric service, nature themed play area, outdoor amphitheater, pre-cast comfort station, landscape planting design, and stormwater design.

\$4.5M

Kent Run Stream Assessment Ryerson Station State Park

Monitoring of Kent Run on PA DCNR lands to complete an on-site assessment.

Organized Group Camps Laurel Hill State Park, Somerset, PA

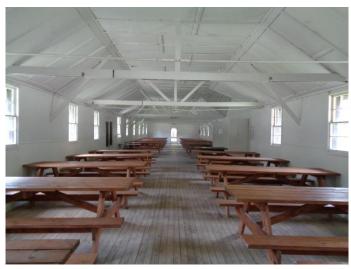
Rehabilitate, renovate, or demolish and construct new facilities within the group camps that satisfy the operational needs of the park as well as provide improved services and safety to group camp users, as well as preserving the largest collection of Civilian Conservation Corps (CCC) era architecture in the PA State Park System. \$3.2M



New Boaters Change House Facility, Ohiopyle State Park



Organized Group Camps, Laurel Hill State Park



HOWARD COUNTY, MARYLAND ON-CALL CONTRACT PROJECTS



M&D has undertaken the following representative projects, under our current On-Call Contract from 2017-present:

Harriett Tubman Community Culture Center Renovation

Multiple phases of studies, programming/master planning, design, and construction administration for the historic Harriet Tubman School Building, which was originally constructed in 1948 as the County's only all African-American high school. The project seeks to turn the one-story historic building into a cultural and community center operated by the Howard County Department of Recreation and Parks (HCRP) and the Harriet Tubman Foundation. Ensuring project phases have included architectural and



engineering design for the restoration of the original auditorium/gymnasium, cafeteria, and one classroom, along with the comprehensive renovation of the building for new purposes, such as Art Activity, a children's room, youth room, reading room, fitness and aerobics, and multiple multi-purpose rooms to be used for community gathering, STEM classes, and learning. 29,000 SF | \$5.5M |

Florence Bain 50+ Community Center Renovation

Programming and conceptual space planning study related to rearranging, re-configuring and/or re-organizing the existing office/administrative and related areas which are currently utilized by the Bain Center, the Department of Recreation & Parks, and the State Health Insurance Assistance Program (SHIP), and which are located primarily within the Southeast quadrant of the facility. Coordinated meetings with the Dept of Community Resources and Services to gain



additional insight and information regarding new programmatic needs, additional staffing requirements, and preferences. Currently under construction and are expected to be completed in late 2020. **26,100 SF | \$2M**

Historic Belmont Barn Assessment/Feasibility Study

Two Phase Assessment/Feasibility Study for structural preservation focusing on the historic stone bank barn. The Phase 1 Assessment included identification of the historic significance of the barn, detailed drawings and short-term and long-term preservation recommendations for structural preservation. The Phase 2 Feasibility Study required specialized structural testing of the barn's timber structure. M&D collaborated with the Maryland Historic Trust (MHT) to confirm the barn was outside of the MHT easement for the property. It was confirmed that the existing floor timber and deck should be replaced with a new timber/deck floor. 3,872 SF

Barnard Fort House Renovation

Renovation of the building to facilitate the Heritage Program with two open, flexible gathering spaces/classrooms on the first floor, offices and a single conference room on the upper levels, an archaeology lab with associated storage for approximately 100,000 artifacts, a break room, and ancillary spaces. 5,018 SF | \$1M

M&D is collaborating with CostCon for projects assigned under this On-Call Contract.

MARYLAND JUDICIARY ON-CALL CONTRACT PROJECTS

M&D completed the following representative projects under this On-Call from 2016-2021:

Anne Arundel County District Court

Re-design of the existing District Court Commissioner office space. An enlarged corridor with a transaction window/counter for each of the three commissioners, with a bench and a relocated storage closet. New finishes included carpet tile and vinyl base for commissioner offices, and VCT flooring and vinyl base in detainee corridor and storage. Each transaction counter has Armortex bullet resistant window, a deal tray, and a sound system for communication.

Metal Awning Design

Design of a Metal Framed Awning at 2009 C/D and 2011 C/D Commerce Park Drive in Annapolis. A solution for each of the two locations where a metal framed awning installation was requested. The awnings comprised of Kynar-painted aluminum standing seam roofing over a nominal 1 %" x 1 %" aluminum tube frame. The awning was approximately two-and-a-half feet high and project approximately three feet. The assembly was secured by masonry anchorages to the building wall.

HARFORD COUNTY, MARYLAND ON-CALL CONTRACT PROJECTS



M&D has undertaken the following representative projects, under our current On-Call Contract from 2017-present:

Harford County Sheriff's Office Building, Bel Air, MD

Comprehensive master planning/investigation/scope confirmation which led to upgrades, modernizations, and renovations, including MEP and life safety systems, HVAC system, ceiling conditions, and floor plan/layout. The project included a thorough field investigation and survey of the entire facility including all current MEP and Life Safety systems. The renovation created a more efficient floorplan/layout and improved work environment aesthetic. **8,600 | \$3.8M**

Bel Air Library, Bel Air, MD

Initial Space Planning and Design for Schematic Design and Cost Estimate. The project is now moving forward into Design, Bidding and Construction. M&D is leading the Architectural Space Planning/Interior Design, Engineering & Consulting Team – providing full finishes package. 51,532 | \$16M | In Design Phase

M&D is collaborating with CostCon for projects assigned under this On-Call Contract.



THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION ON-CALL CONTRACT

M&D has undertaken the following representative projects, under our current On-Call Contract from 2019-present:

Seneca Store Archaeological Feature Protection & Exhibit

The discovery of an original 18th century stone water wheel enclosure connected to what was believed to be an early 20th country store confirmed that this was the site of an 18th century mill. This offered Montgomery County a wide range of opportunities to enrich the site and expand on historical interpretation. Water-powered mills were a key part of the agricultural economy in the Seneca Historic District in the 18th and 19th centuries. Grist mills ground wheat and corn into flour and meal for local farmers. As a result, they we also vital suppliers of food to armies during the Revolution and Civil War. The design concept retains the foundations of the archaeological mill pit foundations as seat walls and enhances the hardscape with paved walkways that also help to visually delineate the path of the original mill race. A sculptural wheel has been added to recall the original water wheel. This historic feature is enhanced by interpretative signage and a protective roof. Safe separation between visitors and vehicular driveway will be designed as well as access by pedestrians and bicycles.





Mt. Calvert Manor Repairs

Architecture and Engineering Professional services which includes repair and restoration work to preserve and protect the existing building, which serves as an archeology museum, as well as system upgrades to protect the artifacts housed within. The work includes repairs to the masonry foundation walls, exterior masonry repointing, roof and chimney repair, exterior door and window repair, a structural evaluation, and mechanical, electrical, and security upgrades.



CARROLL COUNTY, MARYLAND ON-CALL CONTRACT PROJECTS



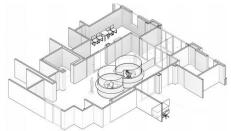
M&D has undertaken the following representative projects, under our current On-Call Contract from 2016-present:

Carroll Community College Building A Systemic Renovation

Review of contractor submittals for reroofing projects. Reviewed submittals against project manual specifications and county standards. Approved submittals and returned them to owner to have the contractor proceed with work.

Carroll County Public Works Building Lobby Renovation

M&D designed the renovation of the new layout for the ground level entrance lobby area as a means to improve the interior conditions to reduce the likelihood of transmission of COVID-19 in the Carroll County Public Works Building. Government buildings require a sensitivity and expertise in building systems and situational awareness strategies. COVID-19 presents a new challenge that is being studied right now. Our close attention to current research and consultations with our engineers is our fundamental approach to design pre COVID. The lobby at the C.C. government offices presents design challenges for functionality, screening, circulation strategies and control of air flow systems. The lobby functions to receive employees and the public with a secured automatic sliding door vestibule with kiosk operations. Finishes must be non-porous for anti-viral cleanings and should be universal design goals. Special attention is to be given for the low voltage security systems, HVAC systems to optimize safest airflow design, and listen to the unique needs of the users including the maintenance and cleansing staff persons. Such project benefit from fast track delivery allowing design flexibility and long lead orders to overlap.





Carroll County Government Complex Conceptual Master Plan/Site Plan

M&D had previously completed a Conceptual Master Plan/Site Plan in 2020 and is now expanding it to include the entire Carroll County Government Campus. We evaluated the building locations, building functions, building adjacencies, and parking capacity. This updated Conceptual Master Plan/Site Plan considers future development and expansion of the Campus.

Carroll County Farm Museum Maintenance Building Reconstruction

Carroll County will be erecting a Shell/Pole Building to be the new/re-constructed Carroll County Farm Museum Maintenance Building which had been destroyed by fire in March 2021. M&D's services include the interior fit-out of the Shell/Pole Building. Interior Fit-Out design services will be undertaken concurrently with the Shell/Pole Building construction. Program spaces will include storage spaces, a work area, tool room, electrical room, welding/metal cutting area, artifact restoration area, wood shop area, restroom with shower, a break room, and an office. Additionally, a loft/mezzanine to be utilized for storage may be included as an add alternate.

CECIL COUNTY, MARYLAND ON-CALL CONTRACT PROJECT

M&D has undertaken the following representative projects, under our current On-Call Contract from 2021-present:





The existing cat free range room is being renovated and 2 additions are being added to either side of the existing free range room. These additions add a new cat nursery, meet and greet room, food preparation area, stray cat room, and a feral test and release room. An exterior "catio" is also being also added to allow the cats in the free range room to go outside in a safe enclosure. The additions were designed to "work with the existing structure and not against it". M&D met with Animal Shelter representatives to review three proposed plan layouts. After one was chosen, M&D further designed the spaces. Accessibility was also improved, allowing ADA access to the free range room which was not previously accessible. The complete dry pipe sprinkler system was added to the entire building as part of the project. The additions had a new mechanical system added that would provide fresh air to the building. 1,884 SF | \$700,000

M&D is collaborating with Convergent, CostCon, and Aria for projects assigned under this On-Call Contract.

ANNE ARUNDEL COUNTY SPACE PLANNING ON-CALL CONTRACT



M&D has undertaken the following representative projects, as well as many others, under our current On-Call Contract from 2019-present:

Office of Information Technology (OIT) Hybrid Work Format

Interior space planning for recommendations and phased renovation plans for Hybrid Work for the OIT. The OIT occupies 22,245 sf on three floors of the Arundel Center Building 1, 8,422 sf on the second floor, 7,849 sf on the third floor, and 5,974 sf on the fourth floor. *shown right*

County Executive Offices

Space planning services related to interior renovation of the County Executive Offices currently located in three suites within the Arundel Center Building 2 in Downtown Annapolis on the Third and Fourth Floors. Priorities include reconfiguring for better adjacencies and efficient use of space, and a comprehensive, thoughtful design reflective of today's changing work environment and the public leadership provided by County Executives. *shown right*

Courthouse Administrative Offices

Space planning services related renovations to the Courthouse Administrators Offices to consolidate 8 departments adjacent to the Court Administrator's Office in Suite 401. Court IT, Family DCM, Civil DCM, Criminal Case Management, Court Reporters, and Interpreter Coordination will be moved to Suite 403, and Drug Court and Custody Evaluation to Suite 402. Additionally, Suite 403 will accommodate the existing Orphans Courtroom, Reception Area, (2) two new Settlement Judge and (1) Visiting Judge Chambers.

Central Services Administration Offices

Space planning services related to interior renovation to address space planning needs in order to better consolidate the work of each team within the existing space. It is intended to be open and collaborative allowing each team to function internally in a more efficient manner. The re-designed space shall accommodate 45 existing employees and 2 new positions, occupying 11,176 square feet on the Third Floor of the Heritage Office Complex. *shown right*

Planning and Zoning Offices

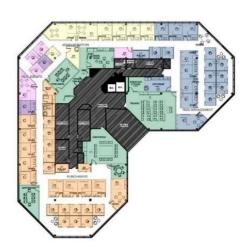
Space planning services related to interior renovations to the Planning and Zoning Offices to accomplish Short-Term and Long-Term goals. Short-Term Goals: There is an immediate need for additional staff accommodations and more cubicles are needed on the Fourth Floor. The Third Floor will need an additional cubicle and an enlarged office. The plan is to improve adjacencies and efficiency with a more collaborative, open office concept. Long-Term Goals: It is desired to have the three divisions of Planning, Zoning, and Development organized in a more functional space with flexibility to accommodate anticipated growth, while improving efficiency and customer service. Phasing of the project will be expected with swing space available in 2 conference rooms and the anticipated additional Office of Transportation space on the third floor. *shown right*

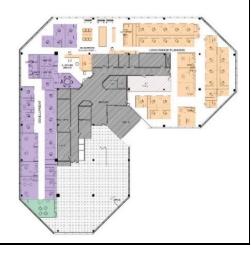
Transportation Offices

An initial Transportation Office Programming Study was completed. To accommodate the expansion of the Planning and Zoning Offices, the approximately 2,997 sf on the third floor currently occupied by Transportation could be utilized to fulfil the additional requirements identified.









BALTIMORE COUNTY SPACE PLANNING ON-CALL CONTRACT



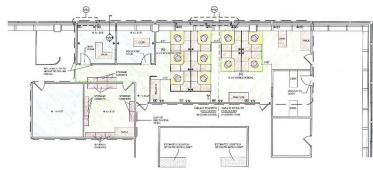
M&D has undertaken the following representative projects, as well as many others, under our current On-Call Contract from 2013-present:

Historic Courthouse

Architectural and Interior Space Planning for renovations for the Baltimore County Office of Budget and Finance, the Customer Service, Purchasing, and Benefits Divisions Offices, including the First Floor Elevator Lobby of the Baltimore County Historic Courthouse.

Public Safety Building

Architectural and interior space planning for renovations to the Public Safety Building including the Police Department Renovation within the 7th and 8th floor offices. Phase 1 includes the 7th floor renovation which will consist of relocating office space and adding an additional private office. Phase 2 includes the 8th floor renovation which will consist of adding one new office and workstation reconfiguration.



Pickleball Courts

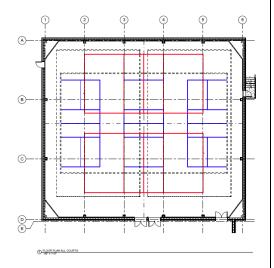
Line painting renovations for multiple Pickleball Courts, located at the Cockeysville Community Pals Center, Jacksonville Community Center, and Honeygo Run Community Center.

Soukup Park Pickleball/Volleyball Courts

Line painting for the volleyball and pickleball courts.

IT/Print Shop

Architectural, interior space planning, and lighting design for a renovation to accommodate the IT/Print Shop relocation to the Baltimore County Office Building. The Main Print Shop will be relocated to the small existing Central Print Shop while five other departments will be relocated to the larger Central Print Shop and Reproduction Room. A more collaborative work environment is desired compared to their current cubicle paneled workspaces.



Stembridge Community Center

Renovation and space planning services for the design of an addition to the Stembridge Community Center to house the Young Parent Support Center, the Women, Infants & Children Program, and a Clinical Services/Health Center. Staff, administrative, and end user needs for each of the three groups were part of the project.



Board of Elections

Renovation and space planning services for the existing Gilroy Utility Shop to serve as the new office for Baltimore County Board of Elections staff. The project involved creating a combination of private offices and open office workstations, as well as conference rooms, meeting rooms, and a library to accommodate day to day meetings, training of Election Judges, War Room, and Board Meetings with capacities ranging between 6 to 50 people.

Animal Services Building

Schematic drawings for the Animal Services space planning to renovate the current meeting room to accommodate one office for two employees and relocate the meeting room to an adjacent space.

ADDITIONAL MUNICIPAL/COUNCIL FACILITY PROJECT EXPERIENCE



West Manchester Township Municipal Complex and District Court Building, York, PA

The new facility design includes areas for office, storage, and related spaces for multiple departments and a new meeting room. The Police Department wing of the new building addressed the increased needs of the Police Force. Additionally, an exterior covered parking canopy was provided for 20 police vehicles. Subsequently, M&D designed the New District Court #19-2-03 for the County of York on the same site as the New West Manchester Township Building. Based upon initial programming phase, M&D developed an extremely functional design which includes a public lobby and waiting area, court room with seating for 35 persons, the District Judge's office, private conference/deliberation room, office for up to six staff, records room, storage, staff lounge and restrooms. Additionally, a holding area has a separate entrance and restrooms to ensure security. 29,070 SF | \$4.75M



M&D renovated the existing Springettsbury Township building and designed a new structure to accommodate the growing space needs of both the municipal offices and the police department. The renovated Township building now houses the police headquarters and the new facility provides space for a variety of municipal functions including offices and conference rooms. The new municipal facility addresses the critical needs of separation of visitor and official business functions, storage space, and integration of electronic technology. This building features a public meeting room, a warm and inviting lobby/waiting area and interior staff offices and work areas that are filled with natural light.

28,373 SF | \$2.8M

York City Administration Building, York, PA

M&D initially undertook an extensive programming and concept design effort and later coordinated all design services to facilitate a comprehensive relocation and consolidation of the City's Administrative offices within the three-level structure. The adaptive reuse accommodated new City Council Chambers, Mayor's Office Suite, Revenue and Finance, Permits/Planning and Zoning, Public Works, Economic and Community Development, Human Resources, Controller, Solicitors, and Information Technology offices. The design also incorporated meeting spaces, storage, records/archives support, and technology upgrades. 53,000 SF | \$880,000







ADDITIONAL MUNICIPAL FACILITY PROJECT EXPERIENCE



Department of Legislative Services Office Building,

Annapolis, MD

M&D was hired by Maryland Stadium Authority to determine whether the existing 1976 Department of Legislative Services (DLS) building in downtown Annapolis should undergo a renovation or be demolished and built new to meet the demands of the 350-plus building users. An in-depth Programming & Due Diligence Study compared five project alternatives and it was decided that the best way to maximize the dense urban site and accommodate the future needs for the Department of Legislative Services Staff is to demolish the existing five-level structure and build a new, larger, six story building. M&D then undertook a Study Design to ensure that the exterior building design, components, and massing would fit within the context of historic downtown Annapolis. M&D's Study design was approved, the project moved forward – and is currently in the Construction Documents Phase. The new building will include significant office, conference, and meeting space and related amenities, a double-height Joint Hearing Room, a library, and print shop. 141,500 SF | \$93M (est.)













New Municipal Center Program Needs Confirmation/Concept Test Fit Study

Town of Bladensburg, MD

The new Municipal Center Building is to include program areas identified by the Town Administration and Police Department – including but not limited to multiple Administration departments and work areas, and a multi-function council chambers/ community space – along with a comprehensive state of the art Law Enforcement/Police Station that consolidates all operations from two existing buildings into one efficient and safe facility. M&D expanded upon the limited space program information provided – utilizing our space planning database from other similar Municipal Administration and Police complex projects. The primary objective of the Program Needs Confirmation/Concept Study was to evaluate and identify multiple basic "test fit" options of how a new building could be planned for on the identified site – and the identified basic program areas for Administration, Public Meeting, and Police could be arrayed within the new building layout and campus plan.

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Municipal Government Office Building/Campus Feasibility Study/Site Analysis, Centreville, MD

The primary objective of this Feasibility Study/Site Analysis was to evaluate the feasibility of multiple sites to accommodate the various Town Municipal Facility program components – and how such can be consolidated cohesively on a new Municipal Campus. The focus of this Study is to evaluate the basic "test fit" capacity of the different sites for accommodation of municipal programmatic space needs and associated site requirements. M&D met with each Town department user group to identify and understand existing and future needs. The information gathered from the user-group meetings and site visits was consolidated, analyzed, and presented to key stakeholders in various formats, including diagrams, program verification spreadsheets, color floor plan options, basic conceptual site/massing concepts, and narratives to develop adjacency requirements, building flow, shared building amenities, and office space needs.





ADDITIONAL PARK AND RECREATION PROJECT EXPERIENCE



Zimmerman Center for Heritage Waterside Pavilion & Accessibility Enhancements,

Wrightsville, PA

As part of a comprehensive facility improvement project involving both their waterfront site along the Susquehanna River and historic eighteenth century headquarters building, M&D was commissioned for the construction of a Waterfront Pavilion and Accessibility Enhancements connecting all public recreation and heritage interpretation facilities on their property — and making them truly accessible to all users/visitors. The siting is along the northern property boundary nestled among existing trees, adjacent wetlands, new rain gardens, and is linked to the new interpretive pathway system of the Zimmerman Center. M&D's consistent internal message concerning the pavilion design was that it is about the river and the waterfront — not about the architecture. 600 SF | \$1.3M



Reid Menzer Memorial Skatepark York, PA

The skatepark was originally built as a living memorial. The expansion provides an area for more "beginner" skating and stabilizes all existing park perimeter edge conditions with skateable/non-eroding surfaces — and provides lighting at all areas of the existing and new skatepark for safe nighttime use. The new expansion incorporated large and small concrete rollers, 4' quarterpipes and miniramps, bank ramps, concrete box platforms, steel rails, gaps, pockets, and a prominently featured concrete pyramid for use by younger or beginner skaters. Additionally, the expansion aimed to increase seating and shaded areas for skaters and spectators, add hardscaped spaces into the existing park using recycled and donated materials, and create a more prominent entrance to the park. 13,000 SF | \$250,000



York Jewish Community Center Renovation & Addition, York, PA

Initially, a Master Land Development Plan addressed the Community Center's future expansion needs in order to update and add a variety of new services and facilities. The fitness center features a continuous glass wall providing panoramic views to the exterior for users, while the childcare classrooms are filled with light by a combination of full-height and clerestory windows. The fitness center expansion includes a dance studio, cardio/spin areas, stretching space, and locker room renovations. Also included are a 10,400 sf childcare expansion/renovation and site development of a new 64-space parking area. 16,200 SF | \$6.6M



KES ENGINEERING — Mechanical, Electrical, Plumbing, & Fire Protection Engineering



Firm Overview - KES Engineering, Inc. was established in 1998 in the State Maryland as a mechanical and electrical engineering consulting Firm. The Firm has MBE/DBE certification for the states of Maryland, and Virginia, Washington Suburban Sanitary Commission (SLMBE), the City of Baltimore, and Prince George's County. KES provides professional services to clients primarily within the Mid-Atlantic Region. They are committed to providing quality engineering services based on cost effectiveness, proven engineering solutions, and response time that will exceed client's expectations. KES utilizes state-of-the-art computer programs and systems for all engineering document production, engineering analysis, and word processing.

KES provides a wide range of engineering services to governmental agencies and private enterprises for commercial, industrial, institutional, residential, and religious facilities. Their engineering services include feasibility studies, building energy modeling, life cycle cost analysis, facility survey and assessment, design, engineering reviews and construction support services for mechanical and electrical systems. KES's engineering services expertise include HVAC systems, energy management, plumbing systems, fire protection systems, underground/aboveground oil storage systems, energy systems, electrical power distribution, indoor lighting, outdoor lighting, fire alarm systems, site utilities, emergency power generation, lightning protection systems, and nurse call systems.

KES has provided consulting engineering services to public clients such as the National Institute of Health (NIH), National Cancer Institute (NCI), Baltimore City Public Schools, The U.S. Army, the University of Maryland Systems, Maryland Department of General Services, the City of Baltimore, Maryland Stadium Authority, Maryland Department of Transportation, the Maryland National Capital Park and Planning Commission, Maryland Department of Public Safety and Correctional Services, Maryland State Highway Administration, Montgomery County Public Schools, the Prince George's County Public School Board, the District of Columbia Government, and the City of Cleveland, Ohio.

Prince George's County Experience:

- Maryland-National Capital Park and Planning Commission
 - o Eight Park facility renovations
- Palmer Park Community Center
- Fairmont High School Replacement
- Hyattsville Area Elementary
- Berwyn Heights Elementary School

On-Call Experience:

- Baltimore City Department of Recreation & Parks
- Maryland Department of Transportation
- Maryland Aviation Authority
- Baltimore City On-Call A/E Services
- MVA A/E On-Call Services







TRIAD ENGINEERING — Civil, Geotechnical, & Traffic Engineering & Landscape Architecture



Firm Overview - Triad Engineering, Inc. is a multi-disciplinary engineering firm based in the Mid-Atlantic region specializing in the areas of geotechnical engineering, civil and utility engineering, surveying, construction materials engineering and testing and inspection, environmental consulting services, drilling, and other earth science related disciplines. Since its founding in Morgantown, West Virginia in 1975, Triad has provided engineering consulting services on thousands of projects of varying size and complexity. Triad is 100% employee-owned, with every employee taking part in Triad's ESOP from field support staff to senior managers.

Triad's work force includes environmental scientists, geologists, hydrologists, civil, geotechnical and mining engineers, landscape architects, chemists, surveyors, trained Computer-Aided Design (CADD) draftsmen, field and laboratory technicians, drillers,



and support personnel. They pride themselves on a very low turnover rate, which adds to continuity and enhances the level of productivity and experience afforded by Triad.

With over 46 years of service in West Virginia and surrounding states, both the number and complexity of their projects have grown. Their clients include federal, state and local governmental agencies, contractors, architects, engineers, attorneys, developers, commercial organizations, and mining and industrial corporations.

Each office maintains networks to support CADD functions, hydrogeologic evaluations, water balance modeling, roadway design, storm water management and surface water drainage, design, stability analyses, risk assessment, survey data reduction, and mapping. These broad, in-house capabilities give Triad better control over project schedule, quality and cost, thereby minimizing problems that can occur during the various contract phases.

On-Call Experience:

- Frederick County Parks & Recreation Indefinite Delivery/Indefinite Quantity (IDIQ) Contract
- Frederick County, Maryland A/E On-Call Contract
- Frederick County, Maryland Landscape Architecture and Engineering On-Call Contract
- City of Gaithersburg, Maryland IDIQ for Various Citywide Improvement Projects
- City of Gaithersburg IDIQ for Capital Infrastructure Improvement Projects
- Town of Boonsboro On-Call Contract



Relevant Experience:

MedImmune Park, City of Gaithersburg IDIQ Contract for A/E Services, Gaithersburg, MD

Triad was contracted by the City of Gaithersburg to create design and construction administration documents for a pedestrian park surrounding the MedImmune community. Triad's design services included: completion of stormwater management concept plan, tree survey, topographic survey and a Natural Resource Inventories (NRI) plan. In addition, the park design included some of the following elements: butterfly garden, 2-3 picnic areas, 1 pavilion, dog park area, play areas, walking trail, and more.



CAGLEY & ASSOCIATES - Structural Engineering



Firm Overview - Cagley & Associates, a small minority-owned business (MD DOT MBE # 07-228) located in Rockville, Maryland with a full-time staff of 19 people, 13 of whom are registered engineers founded in 1973, has engaged solely in the practice of consulting structural engineering since its inception. Cagley is very well qualified to provide structural engineering services for this project as their project experience includes numerous facilities for various county, state and Federal Government agencies as well as private industry.

The firm provides services covering all phases of structural engineering. These services include studies of structural systems in the conceptual phase, preliminary design and cost estimates, final design and working drawings, specifications and general on-site observation of the structural work through the construction phase. Their services also include structural reviews, evaluations of existing buildings and proposed project evaluations. Cagley has many years of experience on numerous indefinite delivery contracts for a variety of public and private sector clients, including a number of government agencies. This experience has helped them to understand the interaction required with the agencies during the design and construction process.

Relevant Experience:

College Park City Hall Redevelopment, College Park, MD

The new \$35,000,000 City Hall for the City of College Park is a 95,000 sq. ft. project that includes 38,000 sq. ft. for the City, 45,000 sq. ft. of office space for the University of Maryland and 7,000 sq. ft. of retail on the ground level. The 4-story concrete framed building is organized around a new civic plaza that marks the heart of the City of College Park, Maryland. The building includes a new city council chamber, public meeting space, and a central lobby connecting the neighborhood to the East with the plaza on the building's West side. Retail fronts on Baltimore Avenue with outdoor dining activating the plaza. Both the plaza and building incorporate sustainable features for energy and responsible treatment of water.



State of Maryland/Department of General Services Structural Design and Engineering Services Indefinite Delivery Contract (Prime)

For over 12 years, Cagley & Associates was the prime contractor for an indefinite delivery contract for the State of Maryland Department of General Services. The tasks included Public Safety Educational & Training Center Sykesville Rifle Range Upgrade, Sykesville, MD; Restoration of the Fair Hill Grandstands, Fair Hill, MD; Pedestrian Bridge Repairs at the Annapolis District Courthouse, Annapolis, MD; and Renovations of the Maryland State Court Office Building, Annapolis, MD.



Miscellaneous Projects for the Maryland National Capital Planning Commission

For over 40 years, Cagley & Associates has performed structural engineering services on a number of projects for MNCPPC, both as a prime consultant and as a subconsultant to various firms. The tasks included Wheaton Regional Park Activity Center; Argyle Recreation Center; Needwood Golf Clubhouse Renovations & Additions; Browning Barn Renovation at Little Bennett Golf Course; Meadowside Nature Center Renovations & Additions; Wells Barn Survey & Repairs; and the Brookside Gardens Education Center Renovation.



CONVERGENT TECHNOLOGIES DESIGN GROUP - Data/Telecom/Security Consulting



Firm Overview - Founded in 1999, Convergent Technologies Design Group's background spans over two decades with more than 850 successfully completed design projects. Strategically positioned offices in Maryland, Arizona and New York allow their designers and project managers to effectively service clients coast to coast. Various markets in which CTDG works include: Libraries, Recreation & Wellness, Higher Education, Healthcare, Justice, Performing Arts, Federal Government, K-12, Museums, Radio, Television & Recording Studios, Hospitality & Gaming and LEED Projects. Their fundamental design philosophy encourages their designers to be "cross-trained" in the various technologies that they specialize, in order to identify the most economical and functional solution to any challenge.

Relevant Experience:

- Benton County Courts Technology Upgrades
- Washington County County-wide AV Technology & County Boardroom Voting System Jailhouse
- District of Columbia Courts Old DC Courthouse & Parking Garage Renovation
- City of Alexandria Public Council Hearing Chamber Historic Renovation
- Maryland Department of General Services Rockville District Court
- Fairfax County New Courtroom Technology Standards
- University of Baltimore School of Law Moot Courtroom
- Fairfax County County Courts Building Renovation
- Wacupaca County County Courthouse Masterplan
- Bowie City Hall New City Hall & Police Department
- Queens Anne County New Circuit Courthouse
- Maricopa County Southwest Justice Courts
- Maryland Department of General Services Female Detention Center
- City of Chandler Police Department Public Safety Training Center
- Baltimore City Public School District Police Headquarters Command Center
- City of Fort Worth Public Safety Center

On-Call Experience:

- Eagle Mountain-Saginaw Independent School District On-Call Acoustical and Audiovisual Engineering Services
- Kent State University On-Call Tele/Data Designer
- Baltimore City On-Call
- University of Maryland, Biopark On-Call Architectural Services
- University of Maryland System On-Call Consulting for Educational Technology Systems
- Smithsonian Institute Campuses On-Call Term Contract
- City of Alexandria IDIQ
- US Department of State IDIQ
- Smithsonian Institute IDIQ
- Kennedy Center IDIQ A/E Services
- Architects of the Capital IDIQ
- Prince William County Interior & Space Planning IDIQ







COSTCON CONSTRUCTION SERVICES - Cost Estimating



Firm Overview – COSTCON Construction Services, Inc. was founded in November 2008 and provides the following services: Cost Consulting, Pre-Construction Services, General Contracting, Construction Management, and Expert Witness Services. COSTCON specializes in Consulting and Construction in the following areas: Healthcare, Education, Religious, Senior Housing, Public/Civil, and Commercial/Retail Construction, The company was founded by Lloyd Bernstein, who previously was President and founder of ALBECON (Formed in 1984), a successful General Contracting and Consulting firm. Lloyd Bernstein is the President/Chief Estimator and brings to each project over 45 years of construction experience on individual projects valued in excess of \$1 billion. COSTCON Construction Services Inc. uses cutting edge computerized methodology and historical/current data bases to provide accurate and detailed cost estimates and each design stage of the project. Each estimate provides an accurate guide for the successful cost projections of each project.

Prince George's County Experience:

- Renovations to the Old Prince Georges County Administrative Office Building
- Repairs to Parking Garage at the Old Prince Georges Co. Admin. Office Bldg.
- Men's Transition Center Feasibility Study
- Multi-Cultural Center Feasibility Study

Relevant Experience:

- Rockville Police Station and Annex
- Carroll County Office of the State's Attorney
- Annapolis Public Safety Campus Master Planning Study



${\tt ARIA\ ENVIRONMENTAL-Hazardous\ Materials\ Consulting}$



Firm Overview - Aria Environmental, Inc. (AE) is a MDOT-certified woman-owned small business that provides environmental, industrial hygiene and safety consulting services and EPA/OSHA compliance training to private industry as well as federal, local and state agencies throughout the State of Maryland. Led by a Doctor in Public Health, AE maintains current relevant certifications in industrial hygiene, asbestos and lead-based paint services, hazardous waste operations and emergency response and drinking water. These certifications—along with the education and experience of AE's professionals—enhance their ability to meet the challenges that arise during building construction, renovation or demolition and in finding efficient and effective solutions to environmental, health and safety issues.

Relevant Experience:

Maryland State Highway Administration (SHA) – Hazardous Materials and Groundwater Assessment Services (BCS 2007-21CC; with AECOM Technical Services), Various Locations, MD

AE is providing on-call industrial hygiene services for the Maryland State Highway Administration as the industrial hygiene subconsultant under an open-end contract held by AECOM Technical Services.

Under this contract, AE has reviewed property and tax information, conducted site assessments and full hazardous material surveys for the entire interior and exterior of all buildings and structures on the property as well as all outbuildings, sheds, garages, etc. The hazardous material surveys included the identification and documentation of asbestos, lead paint, mercury-containing devices, polychlorinated biphenyls, ozone depleting substances, low level radioactive materials, visible mold and universal waste unless otherwise noted. An inventory was prepared which documented any chemicals/universal waste left at the property such as fuel, paint, household cleaning agents, tires, etc. The presence of wells, tanks, hot water heaters and HVAC units were also documented.

After the surveys were completed, AE prepared a report of findings that included photodocumentation, lab analysis of the samples taken at the site, recommendations for the disposal of asbestos, lead or other hazardous or regulated materials and the notation of materials that could be salvaged or recycled. Further, AE provided specification and bid documentation preparation, coordination of abatement activities, asbestos air monitoring and analytical support.



RAPID RESPONSE



The Murphy & Dittenhafer A/E Team has the necessary professional staff to provide a rapid response to the City of Glenarden as needed to meet project deadlines and requests for services. Murphy & Dittenhafer and our engineering team have years of experience with on-call contracts and are very familiar with the demands, keeping staff available for on-call assignments at all times to be able to respond expeditiously when services are requested. The proposed team includes consultants who have worked with Murphy & Dittenhafer on many previous projects, and this previous experience forms the foundation for future successful efforts. Equally important is the fact that the staff to be assigned to these projects is experienced with this exact type of design work, having been involved in many similar municipal projects throughout the state of Maryland.

Each of the A/E firms included on this team present not only considerable renovation experience, specifically with public facilities, but are also exactly the right size for the scope of work associated with their individual disciplines and the overall scale of the City of Glenarden projects; therefore, this Team will complete efforts in a timely and accurate manner. Team member firms are large enough to have the capacity and staff to amply address all tasks of the On-Call Contract projects, and small enough to have direct, hands-on principal involvement. Murphy & Dittenhafer Architects has proposed several project managers to be sure to have staff available to respond expeditiously to task assignments.

Murphy & Dittenhafer has confirmed with our consultant team members their ability to commit the needed staff and resources to ensure rapid response to on-call assignments and task completion on schedule. This team is available to begin receiving assignments from the City of Glenarden immediately as indicated in the following Current & Projected Workload Chart.

Firm	Current Open Workload Capacity	Projected 90-day Open Workload Capacity
M&D – Architecture & Overall Project Management	36%	41%
KES Engineering – Mechanical, Electrical, Plumbing and Fire Protection Engineering	40%	50%
Triad Engineering – Civil, Geotechnical and Traffic Engineering & Landscape Architecture	35%	45%
Cagley & Associates – Structural Engineering	35%	40%
Convergent Technologies Design Group – Data/Telecom/Security Consulting	30%	45%
CostCon Construction Services — Cost Estimating	40%	51%
Aria – Hazardous Materials Consulting	50%	50%

SCHEDULE CONTROL

After a kick-off meeting for each project, the team will communicate through on-going meetings, email and telephone exchanges to facilitate our completing fully developed design and well-coordinated documents. Murphy & Dittenhafer utilizes a Project Schedule that indicates tasks for our staff and consultants to complete relative to review dates and/or submission deadlines. Murphy & Dittenhafer provides overall project management and remains integrally involved until the final completion of the project. Completing projects on schedule and within budget is a goal for every Murphy & Dittenhafer project and guarantees positive results—for us and for the City of Glenarden. As a result of this commitment, we have successfully adhered to tight schedules on our previous projects.

PROJECT MANAGEMENT AND QUALITY CONTROL



As the prime firm on almost all of our project efforts, M&D recognizes its responsibility to manage and coordinate the team of architects and engineers to meet the needs of clients and owners. After a kick-off meeting, our team communicates through an array of in-person and digital means, with the goal of a fully developed design and well-coordinated documents. Generally, M&D's teams collaborate and meet with the Owner on an at-least-monthly basis (or more frequently if needed).

Communication between the design team and the State personnel/project manager are an important factor in the quality of the comprehensive Architectural, Engineering, and Specialty Consulting services we provide. M&D routinely applies what we have found to be the three most effective approaches to communication and problem solving:

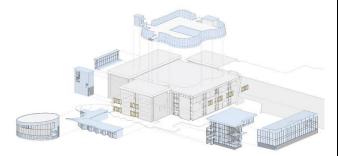
- Listening very carefully to input about project requirements, to information provided during site visits and to ongoing design comments so that project goals are clearly understood by all parties. This strategy also involves the review of written materials, reports, written comments, and memoranda provided by stakeholders and user groups.
- Developing the most complete and thorough documents required at any
 particular stage of the project from schematic design and design
 development drawings to construction documents and through
 construction administration. Such attention to detail by the Murphy &
 Dittenhafer team ensures that all team members thoroughly understand
 the issues, especially critical path issues, currently being addressed.



• Working to identify potential problems as early as possible through ongoing and effective verbal and written communication among all players, providing for the exploration of alternative strategies with little or no impact on the project's quality, schedule, or cost.

M&D utilizes a formal quality control process for each project we complete. All projects are reviewed during strategic points of design and document development and again during the construction document phase. Our formalized quality control process requires all drawings and documents be reviewed in-house through a six-step process prior to submission to a client or contractor:

- Regular team design coordination meetings convened by the M&D Project Manager
- Ongoing M&D Project Manager Review during the design with regular informal reviews for confirmation of design intent and constructability
- M&D Project Manager review and approval at milestone completions of all architectural and engineering drawings and specifications
- In-house independent review and approval by an experienced architect or construction administrator of the project documents
- Principal in Charge's review and final approval of documents prior to submission



Sample Coordination Documents – M&D Project

• Construction Phase conformance monitoring by the M&D Construction Administrator, the Project Manager, and the Principal in Charge, including regular site visits, administration of weekly or bi-weekly progress meetings, review of RFIs, submittals, construction change directives, and change order requests for conformance with the contract documents, budget, and schedule.

After owner comments are received at each stage, the M&D Project Manager will review the comments in detail with the Principal in Charge. All comments received will be incorporated directly into the Architectural Design process and thoroughly communicated across all disciplines for meticulous document and design coordination. The firm's extensive background in public on-call projects ensures careful attention to the responsibilities of quality assurance and accountability.



When designing new or renovated community facilities, M&D welcomes the process for community and building user engagement and input, and we recognize the importance to design with a sensitivity to the surrounding neighborhood. Input from building users is critical to ensuring the facility ultimately serves user needs. Our track record of managing community and building user input, providing appropriate presentation material for public viewing, and speaking articulately with building users and the local public demonstrates that we are extremely well equipped to foster strong, collaborative relationships with users and the community.

M&D will contact and meet with all local Community Planning groups early in the design process to ensure our design is completed in accordance with all local design guidelines and ordinances and identify any restrictions, considerations, and/or processes that could affect the design.









PROJECT MANAGEMENT PROCESSES

M&D's approach to the design of municipal projects is based on a practice that has evolved through our extensive experience with a variety of municipal construction projects. Our approach is interactive and collaborative, based on a progressive process of concept/test-fit iteration, thoughtful evaluation of design options, consistent discussion among all team members, and careful refinement of design decisions. We evaluate the needs of the users and staff in relation to standards and guidelines to create an innovative and engaging learning environment. Additionally, we recognize the importance of creating a design that affords minimal impact in terms of phasing, reduction in visual distractions, and noise control and work to produce a design that minimizes these disruptions. Additional information on our Project Management Process can be found in the Quality Control Section.

Execution of the Project - Murphy & Dittenhafer has demonstrated a focus for successful execution with an established reputation for meeting user needs with projects consistently delivered on time, under budget, and with exceptional results. We emphasize:

- Experience and continuity in leadership that enables us to efficiently manage projects
- Broad perspective to comprehend the issues and trends impacting budget and schedule
- A foundation of collaboration and communication among all team members for a strong partnership in support of the client's mission and goals
- Thoughtful consideration of a project's specific needs and evaluation of design options/alternatives
- Early engagement with all project participants from City of Glenarden staff and the local community
- Responsiveness during design and construction to retain project momentum
- Accountability to ensure successful development and coordination among all disciplines
- Attentiveness to both small, complex details and the broader project mission
- Designs that exceed expectations by offering cost-effective solutions that maximize
- Rigor and disciplines in managing the design and phased construction process to maintain project energy and aggressive schedules



SPECIFIC & DETAILED INTERDISCIPLINARY QUALITY CONTROL PROCEDURES BY PROJECT PHASE



Schematic Design Phase

- Project Manager (PM) schedules and coordinates team Design Project Meetings (DPM) with project staff and consultant representatives.
- PM coordinates design inputs and determinations with team and consultants.
- PM and consultant representatives conduct DPM's with client and stakeholder representatives.
- PM and Architectural Designer (AD)/CADD Personnel (CADD) coordinate and assemble documents of team and consultants for Schematic Design client review submission package.

Design Development Phase

- PM schedules and coordinates team DPMs with project staff and consultant representatives.
- PM coordinates developed design inputs and determinations with team and consultants.
- PM and consultant representatives select products and materials and present for client review.
- PM and consultant representatives conduct DPMs with client and stakeholder representatives.
- Quality Assurance/Quality Control (QA/QC) Staff and consultant PMs draft, compile & coordinate technical specification based on selected and approved components and materials.
- QA/QC Staff conducts initial Quality Control (QC) review, markup (by hand and using clash detection software as appropriate) of assembled documents package and supervises execution of revisions and corrections to be made by AD/CADD.
- PM, QA/QC, and AD/CADD coordinate and assemble documents of team and consultants for Design Development client review submission package.

Construction Documents Phase

- PM schedules and coordinates team DPMs with project staff and consultant representatives.
- PM coordinates final design inputs and determinations with team and consultants.
- PM and consultant representatives confirm and coordinate products, materials, and systems, and present for client review.
- PM and consultant representatives conduct DPMs with client and stakeholder representatives.
- QA/QC and consultant QA/QC s finalize technical specification based on selected and approved components and materials.
- PM & QA/QC coordinate administrative specification requirements for bidding and construction and ascertain any alternates for bid control and/or unit pricing etc. for construction cost control.
- QA/QC conducts final QC review and markup (by hand and using clash detection software as appropriate) of assembled documents package & supervises execution of revisions and corrections to be made by AD/CADD.
- PM and AD/CADD coordinate and assemble documents of team and consultants for bid package.

Bidding Phase

 Assigned PM/Construction Administrator (CA) for construction phase administers bidding and orchestrates any Addenda for clarification or correction and assists client in review and verification of bids received.

Construction Administration Phase

Assigned PM for construction phase/CA coordinates efforts of in-house team
and consultants with interpretation of documents and processing of submittals,
RFI's, PCO's, payment applications in accord with document requirements, and
advises client on interpretations and processes.

Post Construction Administration Phase

• Assigned PM for construction phase/CA solicits close-out documentation from the contractor and supervises organization of record drawings and operation and maintenance documents for retention by client.

WHY SELECT THE MURPHY & DITTENHAFER ARCHITECTS TEAM



M&D's approach to the design of every project is innovative. We focus on the essence of every commission and explore opportunities to accomplish all programmatic objectives, meet regulatory requirements, and achieve energy efficiency and sustainability in an integrated and holistic design solution. We do not endorse "architectural gymnastics" to achieve or express these components, but rather a thoughtful and appropriate expression of "place" and "craft."



Fitness Center Addition Jewish Community Center, York, PA

Beyond the "givens", we believe that every design decision must contribute to the final outcome being functional but inspirational. Our designs maximize natural daylight/views, user comfort at all occupancy scales, campus connections, flexibility and adaptability for community "ownership", and many areas/locations inside and outside the building for user collaboration and exploration.

Our work in community/municipal settings has always focused on engagement of residents and users, with the highest measure of success on a building design not being drawn from design award recognition, but rather if users/the community "want to spend time there." We offer:



West Manchester Township Municipal Complex, York, PA

- Maryland-based comprehensive and cohesive team which contains highly-qualified Architects, Engineers, and Consultants, and firms that are **exactly the right size for the scope**, **scale and context of the City of Glenarden projects** with a long-standing history of successful municipal collaborations including numerous community and municipal projects within the State of Maryland.
- Well-rounded Architectural, Engineering, Landscape Architecture, and Consulting Team with the breadth of experience necessary to successfully complete a wide variety of modest scale project assignments.
- Focused design and documents efforts that "gets it right" from the start to avoid delays/costs later during design and construction.
- Significant Architectural, Landscape Architecture, and Engineering experience with all anticipated project types expected to be undertaken on the On-Call Contract Park projects, Community Centers, City Hall/Council Chambers, EV Charging Stations, and others.
- A/E Team with a high degree of expertise in the **State of Maryland compliance procedures**, local and Prince George's County building code, and the ability to respond expeditiously to the City's needs during design and construction.
- A level of excellence, innovation, and value to community and municipal building (and site) design that reaches far beyond our clients' expectations, and has documented **positive effects on building usage, and community user engagement.**
- Proven ability to successfully complete projects within **schedule**, keep **construction costs within established budgets**, and cost-effectively maximize potential.
- The genuine desire to exceed the City of Glenarden's expectations on each and every project assignment we may receive.

31. SIGNATURE

32. DATE

May 27, 2022

33. NAME AND TITLE

Frank E. Dittenhafer II, FAIA, LEED AP; President

STANDARD FORM 330 (6/2004) PAGE 5

1. SOLICITATION NUMBER (If any) ARCHITECT-ENGINEER QUALIFICATIONS 2022-01 **PART II – GENERAL QUALIFICATIONS** (If a firm has branch offices, complete for each specific branch office seeking work.) 2a. FIRM (OR BRANCH OFFICE) NAME 3. YEAR ESTABLISHED 4. DUNS NUMBER Murphy&Dittenhafer 1985 187102025 Murphy & Dittenhafer, Inc. 5. OWNERSHIP 2b. STREET a. TYPE 805 North Charles Street Corporation 2c. CITY 2d. STATE 2e. ZIP CODE b. SMALL BUSINESS STATUS Baltimore MD 21201 SB12-10955 6a. POINT OF CONTACT NAME AND TITLE 7. NAME OF FIRM (If block 2a is a branch office) Frank E. Dittenhafer II, FAIA, LEED AP; President 6b. TELEPHONE NUMBER 6c. E-MAIL ADDRESS (410) 625-4823 fed@murphdittarch.com 8a. FORMER FIRM NAME(S) (If any) 8b. YR. ESTABLISHED 8c. DUNS NUMBER N/A 10. PROFILE OF FIRM'S EXPERIENCE AND 9. EMPLOYEES BY DISCIPLINE ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS c. Revenue c. No. of Employees a. Function a. Profile b. Discipline b. Experience Index Number Code Code (1) FIRM (2) BRANCH (see below) 02 Administrative 3 C06 Churches; Chapels 2 06 Architects 8 D07 Dining Halls, Clubs, Restaurants 2 08 **CADD Technicians** E02 Educational Facilities; Classrooms 6 11 16 Construction Administrators 2 H08 Historic Preservation 3 Housing (Residential, Multi-Family 37 2 3 Interior Designer H11 Apartments; Condominiums) 105 2 Interior Design; Space Planning L04 Libraries; Museums; Galleries 2 Office Buildings/Industrial Parks 001 2 Planning (Community, Regional, P05 2 Areawide and State) R04 **Recreation Facilities** 3 Rehabilitation (Buildings, 2 R06 Structures, Facilities) Total 26 11. ANNUAL AVERAGE PROFESSIONAL SERVICES PROFESSIONAL SERVICES REVENUE INDEX NUMBER REVENUE OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right) 1. Less than \$100,000 6. \$2 million to less than \$5 million 2020 2021 2019 a. Federal Work 2. \$100,000 to less than \$250,000 7. \$5 million to less than \$10 million 0 0 0 b. Non-Federal Work 3. \$250,000 to less than \$500,000 8. \$10 million to less than \$25 million c. Total Work 4. \$500,000 to less than \$1 million 9. \$25 million to less than \$50 million 7 7 7 5. \$1 million to less than \$2 million 10. \$50 million or greater 12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE b. DATE

5/27/2022

c. NAME AND TITLE

Frank E. Dittenhafer II, FAIA, LEED AP; President

tule E. Ottell IE

	ARCHITECT -	- ENGINEER QU	JALIFICATI	ONS		Solicitation number 2022-01	er:	
				Qualifications ch of firm seeking wor				
	Name of Branch)	2b. Street			2c. City	2d. State	2e. Zip Code	
KES E	Engineering, Inc.	6325 Woods	side Court, Sui	te 220	Columbia	Maryland	21046	
	f Contact Name and Title n Smith, P.E, President	3. Year Esta	blished: 1998		4. DUNS Numb FEIN:52-210			
6b. Teleph				I is for Branch	5a. Ownership	(Type)		
410 36		Office): N/A	L		Corporation			
6c. E – Ma Kesuith	il: n@kesengineers.com				5b. Small Busin Small Disadvan	ness Status ntaged Business (1	NAICS 541330)	
8a. Former	Firm Names (if any): N/A	8b. Year Est	tablished: N/A		8c. DUNS Num	nber		
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	9. Employees By D	iscipline		10. Pro	ofile Of Firm's Ex Revenue For the		nual	
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02	Administrative	1	A11	Auditoriums & The	eaters		(see below)	
08	CADD/BIM Technician	2	B01	Barracks; Dormitor			2	
21	Electrical Engineer	2	C05	Child Care/Develor			1	
42	Mechanical Engineer	3	C06	Churches; Chapels			3	
			C13	Computer Facilities		ice	2	
			C15	Construction Mana			2	
			D07	Dining Halls; Club	s; Restaurants		2	
			E02	Educational Facilit	ies; Classrooms		4	
			F02	Field Houses; Gym	ıs; Stadiums		1	
			G01	Garages; Vehicle N	Maintenance Facili	1		
			H04	Heating; Ventilatin	g; Air Conditioni	3		
			H09	Hospital & Medica	edical Facilities		5	
			H10	Hotels: Motels		1		
			H11	Housing (Residenti			2	
			L01	Laboratories; Medi	cal Research Faci	lities	4	
			L05	Lighting (Interior)			2	
			L06	Lighting (Exteriors		als)	1	
			O01	Office Buildings; I	ndustrial Parks		2	
	Other Employees		P07	Plumbing & Piping			4	
			P08	Prisons & Correction			1	
08,21,42	Contract Employee	4	S02	Security Systems;		Detection	1	
			S06	Solar Energy Utiliz			1	
	Total	12	U03	Utilities (Gas and S			1	
11. Annual for Last 3 y	Average Professional Services R years	evenues of Firm	1. Less t	PROFESSIONAL S han \$100,000.		ion to less than \$5		
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c. Name an	d Title nith, President							
resului 311	mm, i resident							

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (1fany) 2022-01

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2a. FIRM (OF	R BRANCH OFFICI	E) NAME	N				3. YEAR ESTABLISHED	4. [OUNS NUMBER
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1075-D SI	herman Aven	ue					a. TYPE		
2c. CITY				2d.STA	TE 2e. ZIP	CODE	Corporation		
Hagerstov	vn			MD	21740)	b. SMALL BUSINESS STAT	rus	
6a. POINT O	F CONTACT NAM	E AND TITLE							
Nicholas \	Wolfe, PG						7. NAME OF FIRM (If block	2a is a b	ranch office)
Regional I									
6b. TELEPHO	NE NUMBER		6c. E-MAIL AD	DRESS					
301.797.6	3400		nwolfe@tri	adeng.cor	n				
		8a. FORMER FIRM	NAME(S) (If	any)			8b. YR. ESTABLISHED	8c. E	DUNS NUMBER
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02	Administrativ		20	1	A05		Navaids; Lighting		2
08	CADD Tech		12	1	A06		Terminals & Hangars	S	3
12	Civil Engine		6	4	B02	Bridges			5
15	Construction		12	2	C10	Building			6
24		tal Scientists	10	5	C12		nication Towers		2
30	Geologist		7	3	C15		ction Management		1
38	Land Survey		5	7	D02		arth; Rock)		3
39	Landscape /		3	0	E09		mental Assessments		5
42	Mechanical		0	0	E11		mental Planning		5
43	Mining Engine		11	0	F05 H07		c; Expert Witness		
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Nicholas Wolfe, PG, Regional Manager

c. NAME AND TITLE

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

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(If a firm h	as branch offices, com	plete for ea	ch specific branch	office seeking work.)	
2a. FIRM (OR BRANCH OFFICE) NAME	0		•	3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER	
	SLEY & ASSOCIATI	ES		1985	09-410-2407	
2b. STREET				5. C)WNERSHIP	
6141 Executive Boulevard				a. TYPE		
2c. CITY		2d. STATE	2e. ZIP CODE	Corporation		
Rockville		MD	20852	b. SMALL BUSINESS STATUS		
6a. POINT OF CONTACT NAME AND TITLE		•	•	SBE		
Debrethann R. Cagley Orsak, P.E	., Principal			7. NAME OF FIRM (if block	2a is branch office)	
3 ,	•					
6b. TELEPHONE NUMBER	6c. E-MAIL ADDR	ESS				
(301) 881-9050	debby@ca	gley.com				
8a. FO	RMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER	
O EMPLOYEES D	10. PR	OFILE OF FIRM'S EXF	PERIENCE AND			
9. EMPLOYEES B	Y DISCIPLINE		ANNUAL A	VERAGE REVENUE F	OR LAST 5 YEARS	

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02	Administrative	3		A08	Animal Facilities	1
08	CADD Technician	I		A09	Anti-Terrorism/Force Protection	l
57	Structural Engineer	15		A11	Auditoriums & Theaters	1
				B01	Barracks; Dormitories	1
				C13	Computer Facilities	2
				D04	Design-Build - RFP Preparation	1
				D07	Dining Halls; Clubs; Restaurants	1
				E02	Educational Facilities; Classrooms	3
				F02	Field Houses; Gyms; Stadiums	1
				G01	Garages; Vehicle Maint. Facilities	4
				H06	Highrise; Air-Rights-Type Buildings	2
				H08	Historical Preservation	1
				H09	Hospitals & Medical Facilities	3
				H10	Hotels; Motels	3
				H11	Housing	3
				L01	Laboratories; Medical Research	2
					Fac.	
				L04	Libraries; Museums; Galleries	2
				O01	Office Buildings; Industrial Parks	4
				R04	Recreation Facilities (Parks;	1
					Marinas)	
				R06	Rehabilitation (Buildings;	3
					Structures)	
	Other Employees			S03	Seismic Designs & Studies	2
	Total	19		S09	Structural Design; Special	1
					Structures	
	IUAL AVERAGE PROFESSIONAL		PRO	FESSION	AL SERVICES REVENUE INDEX NUMBER	

SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right) a. Federal Work 5

6

6

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5.

Less than \$100,000	6.	\$2 million to less than \$5 million
\$100,000 to less than \$250,000	7.	\$5 million to less than \$10 million
\$250,000 to less than \$500,000	8.	\$10 million to less than \$25 million
\$500,000 to less than \$1 million	9.	\$25 million to less than \$50 million
\$1 million to less than \$2 million	10.	\$50 million to greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE Debrithan R. Cagley Oreak b. DATE 01/04/2022	

c. NAME AND TITLE

b. Non-Federal Work

c. Total Work

Debrethann R. Cagley Orsak, P.E., Principal

1. SOLICITATION NUMBER (If any) ARCHITECT-ENGINEER QUALIFICATIONS 2022-01 PART II - GENERAL QUALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.) 4. DUNS NUMBER 2a. FIRM (OR BRANCH OFFICE) NAME 3. YEAR ESTABLISHED Convergent Technologies Design Group, Inc. 1999 62-150-4120 2b. STREET 5. OWNERSHIP a. TYPE 6501 York Road Corporation 2e. ZIP CODE 2d. STATE MD 21212 Baltimore b. SMALL BUSINESS STATUS 6a. POINT OF CONTACT NAME AND TITLE Small Business (NAICS 541310), Paul Corraine, Principal in Charge SBA Profile Code P1202583 7. NAME OF FIRM (If block 2a is a branch office) 6b. TELEPHONE NUMBER 6c. E-MAIL ADDRESS pcorraine@ctdginc.com 8a. FORMER FIRM NAME(S) (If any) (410) 532-2395 8b. YR. ESTABLISHED 8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE						10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS			
a. Function Code		b. Discipline	c. No. of	Employees (2) BRANCH	a. Profile Code	b. Experience	c. Revenue Index Number (see <i>below</i>)		
01	Acou	stical Engineer	3		A01	Acoustics, Noise Abatemen	t 5		
02	Ad	lministrative	2		A11	Auditoriums and Theaters	5		
		udiovisual/ nedia Systems	3		C13	Computer Facilities	5		
	Cab	ommunications ling Systems DD); Security	3		D07	Dining Halls; Clubs; Restaurants	4		
		Acoustics, visual Systems	2		E02	Educational Facilities; Classrooms	6		
08	CAE	D Technician	2		H08	Historical Preservation	3		
					H09	Hospital and Medical Facilities	5		
					J01	Judicial and Courtroom Facilities	5		
					L01	Laboratories; Medical Research Facilities	5		
		Total	15	<u> </u>	205505:2				
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)			1. 2. 3. 4. 5.	P Less than \$1 \$100,000 to I \$250,000 to I \$500,000 to I \$1 million to I	00,000 less than \$25 less than \$50 less than \$1 r	0,000 8. \$10 million to less than \$2 million 9. \$25 million to less than \$5	million million 5 million		
a. Federal	Work	3				v			
b. Non-Fed	deral Work	6							
c. Total W	ork	9							
	12. AUTHORIZED REPRESENTATIVE								

The foregoing is a statement of facts.

a. SIGNATURE Dec.C.

b. DATE

5/23/2022

c. NAME AND TITLE

Paul Corraine, Principal

ARCHITECT-ENGINEER QUALIFICATIONS

SOLICITATION NUMBER (If any) 2022-01

$D\Lambda$	рт	II _	CEN	EDA	ו חו	111	OITA	Nις

		(If a fi	rm has bra			each specific brar		ice seeking work.)		
2a. FIRM (OI	R BRANCH OFF	ICE) NAME	-					3. YEAR ESTABLISHED	4. DUNS NUMB	
Costcon	Constructi	on Services, Ir	ic. (COSTC	ON VICES INC			2008	828	760616
2b. STREET								5. OV	VNERSHIP	
1504 Wi	ld Cranberr	y Drive						a. TYPE		
2c. CITY	211.				2d. STATE	2e. ZIP		Corporation		
Crowns					Md	21032		b. SMALL BUSINESS STATU Small Business	JS	
	F CONTACT NA Bernstein	ME AND TITLE President								
	ONE NUMBER		6c F-MA	IL ADDRESS	3			7. NAME OF FIRM (If block 2	a is a branch offi	ce)
443 510				@costco						
_		8a. FOF	RMER FIR	M NAME(S	5)			8b. YR. ESTABLISHED	8c. DUN	S NUMBER
	9. E	MPLOYEES BY	DISCIPL	.INE				 DFILE OF FIRM'S EXP VERAGE REVENUE F		
a. Function				c No of	Employees	Aitito	AL A	VERAGE REVERGET	OR EAGI 3	c. Revenue Index
Code		b. Discipline	-	(1) FIRM	(2) BRANCH	a. Profile Code		b. Experience		number (see below)
18	Chief Est	imator/Estimat	or	3		C18	C10), C13, C18, D07, E0	05, G01,	2
18	Cost Estin	nator				C18	H07	7, H09, H11, H05 l01	, 105, 106,	2
02	Administr	ative		1		C15		Office Manager		1
48		anager/Estimat	or	11		C15		5, C18, H09		2
C16	Superinter	ndents		3		C15	C15	5, C18, H09		2
-										
	Total			8						
11. ANN	UAL AVERA	GE PROFESSION OF FIRM	DNAL		PROF	ESSIONAL SE	RVIC	ES REVENUE INDEX	NUMBER	
OLIV		T 3 YEARS	v1		ess than \$100				to less than	
<u> </u>		number shown at r	ight)			ss than \$250,00 ss than \$500.00		*	to less than in to less that	
a. Federal		1		- +	,	ss than \$500,00			n to less that	
b. Non-Fed	deral Work	5		5. \$	1 million to les	ss than \$2 million	on	10. \$50 millio	n or greater	
c. Total		5								
				_	-	REPRESENTATE Statement of facts				
a. SIGNATUR								b. DATE		
Lloyd	d H. B	ernstein						05/19/22		

	b. DATE
Lloyd H. Bernstein	05/19/22

c. NAME AND TITLE

Lloyd H. Bernstein President

ARCHITECT - ENGINEER QUALIFICATIONS

SOLICITATION NUMBER (If any) RFP City of Glenarden

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work)

(II a III II I	ich onice seeking work	·· <i>)</i>			
2a. FIRM (OR BRANCH OFFICE) NAME	3. YEAR	4. DUNS NUMBER			
Aria Environmental, Inc. CAGE: 31WK6 TIN:	83-0353222		ESTABLISHED 2003	14-5463233	
2b. STREET			5. OWN	ERSHIP	
5292 Enterprise Street, Suite B			a. TYPE		
2c. CITY	2d. STATE	2e. ZIP CODE	S-Corporation		
Sykesville MD 21784			b. SMALL BUSINESS STATUS		
6a. POINT OF CONTACT NAME AND TITLE	<u>'</u>		WOSB/Small Women Owned (MD 04-010)		
Brian Sciorilli, President			7. NAME OF FIRM (If block 2)	a is a branch office)	
6b. TELEPHONE NUMBER	6c. E-MAIL ADDRESS				
410-549-5774					
8a. FORMER FIRM N	8b. YR. ESTABLISHED	8c. DUNS NUMBER			

	9. EMPLOYEES BY DISCIPL	INE		A	10. PROFILE OF FIRM'S EXPERIENCE AND NNUAL AVERAGE REVENUE FOR LAST 5 YEAR	RS
a. Function Code	b. Discipline	c. No. of (1) FIRM	f Employees (2) BRANCH	a. Profile Code	b. Experience	venue Index Number ee <i>below)</i>
				A10	Asbestos Abatement	2
24/36	Environ Sci/Cert Industrial Hygienis	st 2		E02	Educational Facilities, Classrooms	2
24/36	Environ Sci/Industrial Hygienist	3		E13	Environmental Testing & Analysis	4
				H02	Hazardous Materials Handling,	2
				H03	Hazardous, Toxic, Radioactive	2
				H09	Hospitals & Medical Facilities	2
				L01	Labs; Medical Research Facilities	2
				R12	Roofing	1
				S01	Safety Engineering; Accident	2
					OSHA Studies	
				M05	Military Design Studies	2
				P08	Prisons and Correctional Facilities	1
				Other	Mold Investigation/Mitigation Plans	2
	Total	5				
11. ANNUAL	AVERAGE PROFESSIONAL SERVICES		<u> </u>	PROFESSIONA	AL SERVICES REVENUE INDEX NUMBER	

REVENUES OF FIRM FOR LAST 3 YEARS

1. Less than \$100,000

(Insert revenue index number shown at right)

6. \$2 million to less than \$5 million

a. Federal Work 4 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 7. \$5 million to less than \$10 million

b. Non-Federal Work 4 4. \$500,000 to less than \$1 million

8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million

c. Total Work 5

5. \$1 million to less than \$2 million

10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE b. DATE 05/19/2022

c. NAME AND TITLE Brian Sciorilli, President

ALL SECTION IV DOCUMENTS

FORM OF PROPOSAL

Date: May 27, 2022

To Whom It May Concern:

We hereby submit our Proposal Documents for "ARCHITECTURAL / ENGINEERING (A/E) TEAM PROFESSIONAL SERVICES" as indicated in the Proposal Documents.

Having carefully examined the Proposal Documents and having received clarification on all items of conflict or upon which any doubt arose, the undersigned hereby requests consideration of our Vendor for award of the referenced Contract.

Hourly Billing Rates are inclusive and shall include overhead and profit. Expenses will be negotiated for each specific task order on a task-by-task basis.

CONSULTANT KEY TEAM MEMBER HOURLY BILLING	RATE
Architectural Principal in Charge	\$125.00/Hr.
Architectural Project Manager	\$100.00/Hr.
Architectural QA/QC Construction Administrator	\$ 90.00/Hr.
Architectural Designer Digital Visualization Specialist	\$ 80.00/Hr.
Mechanical Project Engineer	\$125.00/Hr.
Electrical Project Engineer	\$130.00/Hr.
Electrical Engineer	\$100.00/Hr.
Principal Civil Engineer	\$128.00/Hr.
Project Civil Engineer	\$128.00/Hr.
Landscape Architect	\$110.00/Hr.
Principal Geotechnical Engineer	\$128.00/Hr.
Project Geotechnical Engineer	\$108.00/Hr.
Principal Structural Engineer	\$200.00/Hr.
Structural Project Manager/Structural Engineer	\$125.00/Hr.
Structural Design Engineer (E.I.T)	\$100.00/Hr.
Design Principal	\$150.00/Hr.
Telecom and Security Principal	\$150.00/Hr.
Senior Designer	\$125.00/Hr.
Chief Estimator	\$115.00/Hr.
Certified Industrial Hygienist/Certified Safety Professional	\$140.00/Hr.
Project Manager	\$100.00/Hr.
Industrial Hygienist	\$ 90.00/Hr.

Provide additional sheets as necessary for expenses such as travel, etc.

Frank E. Dittenhafer II, FAIA, LEED AP

Printed Name

Signature

Murphy & Dittenhafer, Inc.

Name of Company

805 North Charles Street Baltimore, Maryland 21201

Address City, State, Zip

REFERENCES

List three (5) references for projects successfully completed in the last five (5) years.

References should also include the local government point of contact in each community/project referenced as well as other key organizations which are familiar with this project.

Type of Project: Public Safety Building Renovation & Addition

Company Name: City of Frostburg, Maryland

Address: 59 East Main Street

City, State, Zip Code: Frostburg, Maryland 21532

Contact Person: Elizabeth Stahlman
Telephone Number: (301) 689-6000 x105

Dates of Service: 2016-2021

Date of Project Completion: 2021

Local Gov't Contact for Project: N/A – same as contact person listed above

Key Organization Contact: N/A – same as contact person listed above

Type of Project: Sarah's Hope Site Improvements

Company Name: St. Vincent de Paul of Baltimore

Address: 1114 North Mount Street

City, State, Zip Code: Baltimore, Maryland 21217

Contact Person: John Schiavone

Telephone Number: (410) 662-0500 x222

Dates of Service: 2016-2017

Date of Project Completion: 2017

Local Gov't Contact for Project: N/A – same as contact person listed above

Key Organization Contact: N/A – same as contact person listed above

Type of Project: Spring Garden Township Municipal Complex & Violet Hill Community Park

Company Name: Spring Garden Township

Address: 340 Tri Hill Road

City, State, Zip Code: York, Pennsylvania 17403

Contact Person: George Swartz, Jr.
Telephone Number: (717) 843-0851

Date of Service: 2017-2021

Date of Project Completion: 2021

Local Gov't Contact for Project: N/A – same as contact person listed above

Key Organization Contact: N/A – same as contact person listed above

Type of Project: Carroll County Office of the State's Attorney

Company Name: The County Commissioners of Carroll County

Address: 55 North Street, #00

City, State, Zip Code: Westminster, Maryland 21157

Contact Person: Alan Culver

Telephone Number: (410) 386-2671

Date of Service: 2019-present

Date of Project Completion: 2023 (est.)

Local Gov't Contact for Project: N/A – same as contact person listed above

Key Organization Contact: N/A – same as contact person listed above

Type of Project: New Severn Intergenerational Community Center

Company Name: Arundel Community Development Services, Inc.

Address: 2666 Riva Road

City, State, Zip Code: Annapolis, Maryland 21401

Contact Person: Lisa Lindsay-Mondoro

Telephone Number: (410) 263-2542

Date of Service: 2019-present

Date of Project Completion: 2022 (est.)

Local Gov't Contact for Project: N/A – same as contact person listed above

Key Organization Contact: N/A – same as contact person listed above

July E. Sittelf IE

Frank E. Dittenhafer II, FAIA, LEED AP

Print Name

Signature

EXCEPTIONS AND ADDENDA

hereto, the enclosed Proposal Document cover	s all items as specified.
EXCEPTIONS:	
(If none, write NONE) <u>NONE</u>	
THE VENDOR HEREBY ACKNOWLEDGES RECEIP	T OF THE FOLLOWING ADDENDA
THE VENDOR HEREBY ACKNOWLEDGES RECEIP	TOF THE FOLLOWING ADDENDA.
Number/Date/Initials	
N/A	
Frank E. Dittenhafer II, FAIA, LEED AP	Abul E. State I
Print Name	Signature

The undersigned hereby certifies that, except as listed below, or on separate sheets attached

OWNERSHIP DISCLOSURE FORM

COMPANY NAME: Murphy & Dittenhafer, Inc.			TYPE OF COMPANY (circle one):
ADDRESS: <u>805 North Charles Street</u>		<u>reet</u>	*Sole Proprietorship
	Baltimore, Maryland	<u>21201</u>	*Partnership
			*Corporation
FEIN#: <u>52-144</u>	<u>4043</u>		*Limited Liability Corporation
	6: Provide below the nam		eld and any ownership interest of all officers of the firm. If ed sheet.
			OWNERSHIP INTEREST
NAME	OFFICE	HELD	(Shares Owned or % of Partnership)
Frank E. Ditten	nhafer II, FAIA, LEED AP	President/V	/ice President/Secretary/Treasurer 100%
			eld, and ownership interest of all individuals not listed above, and r having a 10% or greater interest in the firm named above.
interest in that	t corporation or partners	hip. If additio	vide below the same information for the holders of 10% or more onal space is necessary, provide that information on an attached erest in your firm, enter "None" below.
			OWNERSHIP INTEREST
NAME	OFFICE	HELD	(Shares Owned or % of Partnership)
Frank E. Ditten	hafer II, FAIA, LEED AP	President/V	/ice President/Secretary/Treasurer 100%

CONTRACTOR'S AFFIDAVIT OF QUALIFICATION TO BID

I HEREBY AFFIRM THAT:

I, Frank E. Dittenhafer II, FAIA, LEED AP am the President

(Printed Name)

(Title)

and the duly authorized representative of the Vendor of Murphy & Dittenhafer, Inc. whose address is (Name of corporation)

805 North Charles Street, Baltimore, Maryland 21201

and that I possess the legal authority to make this affidavit on behalf of myself and the Vendor for which I am acting.

Except as described in paragraph 3 below, neither I nor the above Vendor, nor to the best of my knowledge and of its officers, directors or partners, or any of its employees directly involved in obtaining contracts with the State or any county, bi-county or multi-county agency, or subdivision of the State has been convicted of, or have pleaded nolo-contendere to a charge of, or have during the course of an official investigation or other proceeding admitted in writing or under oath acts or omissions which constitute bribery, attempted bribery, or conspiracy to bride under the provisions of Article 27 of the Annotated Code of Maryland or under the laws of any state or federal government (conduct prior to July 1, 1977 is not required to be reported).

(State "none" or, as appropriate, list any conviction, plea or admission described in paragraph 2 above, with the date, court, official or administrative body, the individuals involved and their position with the Vendor, and the sentence or disposition, if any.)

none			

I acknowledge that this affidavit is to be furnished to the City, I acknowledge that, if the representations set forth in this affidavit are not true and correct, the City may terminate any Contract awarded and take any other appropriate action. I further acknowledge that I am executing this affidavit in compliance with section 16D of Article 78A of the Annotated Code of Maryland, which provides that certain persons who have been convicted of or have admitted to bribery, attempted bribery or conspiracy to bribe may be disqualified, either by operation of

law or after a hearir	ng, from entering in	ito contracts with	the State or any	of its agencies or
subdivisions.				

I do solemnly declare and affirm under the penalties of perjury that the contents of this affidavit are true and correct.

Frank E. Dittenhafer II, FAIA, LEED AP

Print Name Signature

PROJECT/CONTRACT:

CITY OF GLENARDEN, MARYLAND

ARCHITECTURAL / ENGINEERING PROFESSIONAL SERVICES

SUBMISSION: RFP 2022-01

Technical Proposal [COPY]

May 27, 2022

SUBMITTED BY:

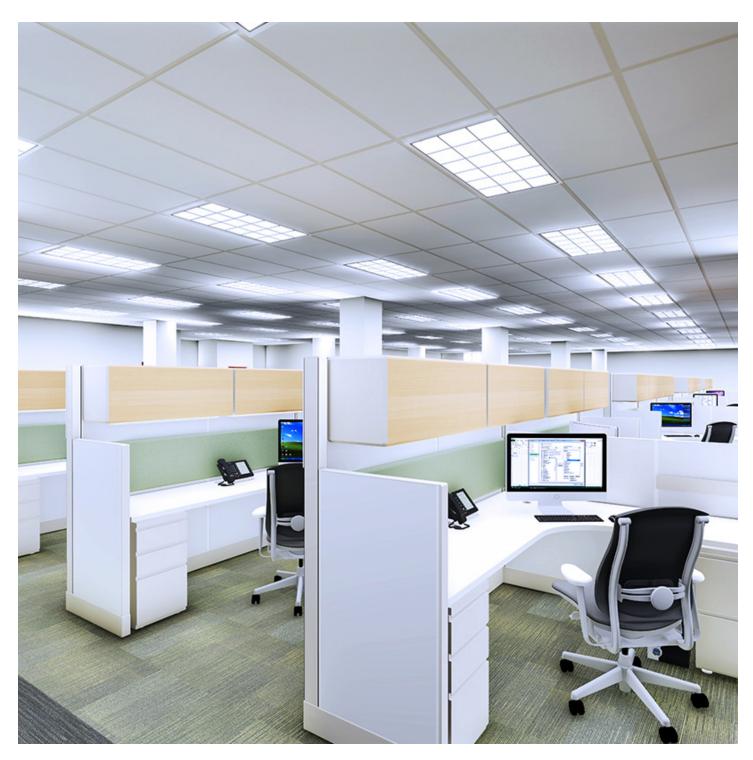
Leuterio Thomas, LLC 6710 Oxon Hill Road, Suite 300 National Harbor, MD 20745

P: 301-203-1784 F: 301-542-0149

www.leuteriothomas.com

REQUEST FOR PROPOSAL





PROJECT TITLE:

City of Glenarden, MD Architectural/Engineering Professional Services RFP 2022-01

SUBMITTED TO: Consuella Barbour Office of the City Manager 8600 Glenarden Parkway Glenarden, MD 20706

SUBMITTED BY:

Hedy L. Thomas, PE President / Owner

Leuterio Thomas, LLC 6710 Oxon Hill Road, Suite 300 National Harbor, MD 20745 T: 301-203-1784 E: hedy@leuteriothomas.com

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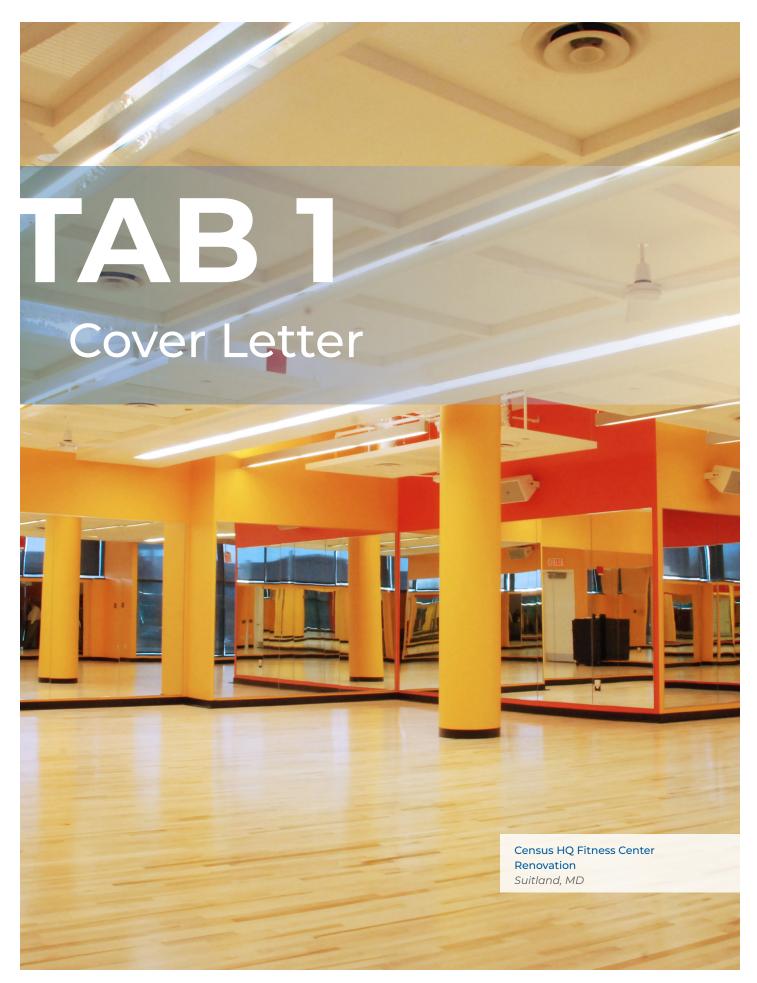
TAB 3

SF330 / Qualifications | 10

TAB 4

Section VI Documents | 42

- Form of Proposal (Hourly Rates)
- References
- Exceptions and Addenda
- Ownership Disclosure Form
- Contractor's Affidavit of Qualification to Bid





National Harbor

6710 Oxon Hill Road, Suite 300 National Harbor, MD 20745 T: 301-203-1784 F: 301-542-0149

Baltimore Inner Harbor

400 East Pratt Street, Suite 800 Baltimore, MD 21202

www.leuteriothomas.com

May 27, 2022

Consuella Barbour, City Manager Office of the City Manager 8600 Glenarden Parkway Glenarden, MD 20706

RE: City of Glenarden, MD RFP 2022-01 Architectural/Engineering Professional Services

Dear Ms. Consuella Barbour,

Leuterio Thomas (LT), the offeror for this submission, is excited to submit architectural and engineering qualifications for this Request for Proposal (RFP). It is LT Teams' understanding that the City of Glenarden (City) is seeking proposals from qualified and experienced architectural and engineering firms for the purpose of obtaining a qualified team for professional services. Leuterio Thomas is a woman owned minority business, certified County Based Small Business (CBSB) and Minority Business Enterprise (MBE). For years, it has been LT's goal to continue to provide Prince George's County professional services, any renovations or new development projects, LT will pursue it – and the City of Glenarden is no exception. Based on what we have learned from the Pre-Proposal Meeting that took place on May 13, 2022, the potential projects that may result from this contract (council chamber renovations, site planning, etc.) are very much in line with what the LT Team does. In this proposal, you will learn that the Team consists of Leuterio Thomas (Prime) as your architect and structural engineer and Century Engineering (Subconsultant) as your MEP, Site/Civil Engineer, and Landscape Architect (additional services can be provided if needed). This team that we present to the City of Glenarden is a close and meticulous group that is currently working together on various projects. The LT Team believes that this contract would be a great start to develop a long-term relationship with the City. LT has worked with the County and Prince George's County Public Schools for many years and is currently working on the new Blueprint Schools project for PGCPS. Leuterio Thomas is **set and capable** of performing the task at hand in a timely and organized manner that is up to the standards of the City of Glenarden.

In this submission, you will find qualifications that are similar in scope and size to the potential projects mentioned in the solicitation. The qualifications provided signifies that, if awarded, the City of Glenarden will have a team that not only has completed projects in the County, but also is familiar with permitting/DPIE, codes, and other processes involved. Below are additional qualifications that make the LT Team a beneficial choice for this contract –

- Extensive relevant experience with renovations, modernizations, space planning, interior design, studies/analysis, condition assessments
- Both prime and subconsultant has years' experience working with Prince George's County
- Years of experience with MEP renovations and site planning
- Team has multiple on-call/indefinite delivery contract experience
- Completed small to large scale renovation projects, completed and also currently working on medium and large sized new design projects
- In depth familiarity with scheduling, phasing, cost estimating, code requirements, and permitting
- Efficient and effective coordination, management, and communication process/approach with team and clients
- Organized and planned personnel availability and workload for this project

If you have any questions concerning this proposal, please do not hesitate to call so we can clarify them for you. We look forward to this opportunity to work with the City of Glenarden on this contract.

Sincerely,

Hedy Leuterio Thomas, PE - President / Owner



TAB 2 Scope of Services, Project Understanding, Project Approach

The LT Team understands that the City of Glenarden, MD is seeking proposals from qualified and experienced architectural and engineering firms for the purpose of obtaining a qualified A/E team for professional services.

The Leuterio Thomas Team has reviewed the solicitation and the information provided within the document. It is acknowledged that there are various tasks that may result from this contract. That includes, but are not limited to -

- ▶ Architectural design and project programming, including landscape architecture. Architects with experience in new construction, renovations, planning and interfacing new construction with existing facilities.
- ▶ Civil, site, stormwater, roads, traffic studies, bike routes.
- ▶ Mechanical, Electrical, Plumbing, Structural Engineering and Geotechnical Services.
- ▶ Feasibility studies, site studies or conditional analyses leading to preparation of site plans, facility layouts and architectural designs.
- ▶ Design, permit submittals, bid assistance, construction administration and inspection. Preparing bid packages suitable for obtaining quotes or for public bidding. Preparing cost estimates.
- ▶ Grant writing and administration.
- ▶ Owner's representative on projects. Based on the mentioned scope of work/potential tasks, LT assures the City of Glenarden that the LT Team is capable and qualified to complete the potential tasks.

APPROACH

Leuterio Thomas will provide a full-time project manager – Graham Thomas, AIA, RIBA, LEED AB BD+C, to support the City of Glenarden during all phases during projects, tracking all the documentation. Leuterio Thomas uses NEWFORMA's Project and Contract Management tools to track all the information produced on the project from email, correspondence, meeting minutes, drawings, specifications, from start to finish. This is a secure system that allows web access to the entire project team, from the client to the design team to the project manager. As an example, Leuterio Thomas tracked all the information for DC Water's new headquarters next to the National's Ballpark. This was a 140,000 SF design build project led by Skanska Construction. Leuterio Thomas tracked all the information from the design build team including the LEED Platinum submittal process.

- Coordinate with the Client and design team to update goals and objectives.
- Attend regular coordination meetings with the Client and consultants; review meeting minutes as required.
- Facilitate refinement of project design requirements in coordination and consultation with the Client and design team.
- Coordinate design reviews with the Client and design team.
- When requested, monitor design team contracts for compliance with schedule and budget requirements.
- Monitor the design team through all design phases (schematic design, design development, construction documents) to help assure compliance with the Client's programmatic goals and objectives.

- Update project budget at each phase of design.
- Update project schedule at each phase of design.
- Coordinate reviews with local, state and federal agencies (as necessary) and assist the architect, engineer and construction manager in securing permits and public agency approvals.
- As appropriate and approved by the Client, assist in initiating actions to expedite the permit process to meet extremely tight timeframes. Seek the Client's approval when associated extra costs are recommended.
- Recommend to the Client for approval the early purchase of long lead items as required to meet project schedule requirements.
- Assist the Client in determining construction contracting and selection method.
- Evaluate contractors' proposals and make recommendations to the Client.
- Facilitate process to obtain executed contractor contracts on behalf of the Client and assist the Client in review of warranty, bonding, insurance, and similar contract provisions.

▶ Concept Design / Detailed Site Plan Phase

The LT Team will work closely with the City of Glenarden to identify and establish the design goals the client wants to achieve. Leuterio Thomas will then create a concept design and provide the necessary architectural input for the detailed site plan submission. Our support team will all coordinate as necessary. The architectural team will then provide a series of renderings to supplement the elevations.

Design Development / Construction

Once nearing approval by the City, the LT Team will assemble a set of bid documents. This phase will have a series of submissions at 50%, 90%, Issue for Permit, and Issue for Bid set. LT will of course work with the City in terms of developing a scheme that is within budget.

▶ Bidding & Negotiation Phase

Assuming a traditional design, bid and build process, LT will support the City of Glenarden during this phase – coordinating pre-bid meetings, responding to questions, and if necessary, issuing addenda to clarify issues to get a competitive price.

Construction Administration

The team has extensive experience in construction administration and can provide levels of support tailored to the client's needs.

The overall project approach the Leuterio Thomas team operates with, covers the following areas –

CLIENT & SCHEDULE | It starts with the scope of work provided and the development of a detailed checklist that incorporates all the tasks and goals required from the client. LT gives its undivided attention to the client and listens to what the client requests and then LT responds with feedback and confirmation that they understand everything that's on the table. Schedule is another important aspect of the project that LT prioritizes and makes sure is met.

FUNCTION | From there, LT focuses on the functional and technical demands of the project. The team is arranged, and the programs are geared up. The concepts are sketched or planned out. Then eventually gets produced and rendered through Revit and Lumion to provide the client with realistic renderings of the design.

IMAGE | LT takes into consideration the brand and image of the client. It is always taken into account, how the client wants to be represented through the project. All projects are significant, and all projects require levels of detail to be included. LT works with the client to develop quality solutions that provide value and interest to the end users that will occupy the renovated or brand-new spaces.

SECURITY | Whether small to large office buildings, public facilities, schools or outdoor spaces, they still require a certain level of security in regard to the people and community. LT has done projects that require minimal security requirements to those that have various levels of security. For this aspect, the team makes sure that the approach to security is at the level of what the City of Glenarden requires.

STAGING & PHASING | Staging and phasing is the next approach to prepare for. These potential tasks will most likely require phasing and coordination in order to accomplish construction with minimum impact to the faculty and students. It is communicated between the design team,

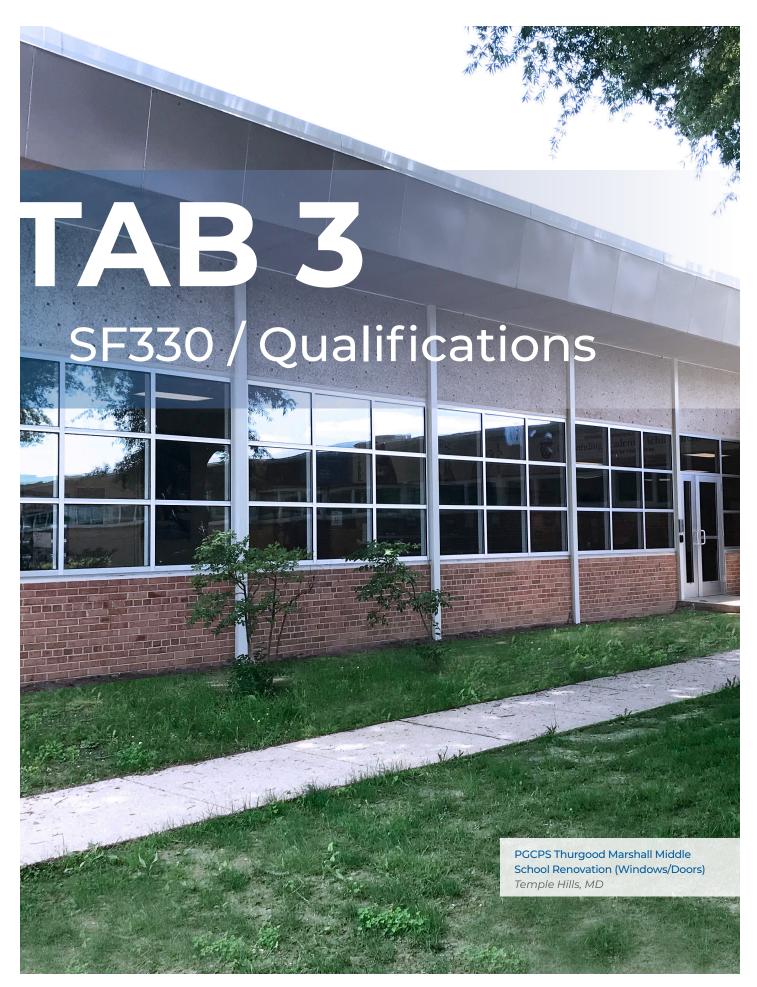
contractor, and client the best way to approach this and so that design documents illustrate the construction phasing properly and efficiently.

Management

LT's management plan starts with the project mobilization phase once the contract has been awarded. It builds off this proposal and the commitments made to the client. The formal management plan is developed from the LT template and submitted to the client to ensure a common understanding of how the contract will progress. The project manager will work with the City of Glenarden to approve the management plan components and define specific additions based on task assignments.

- → The first element is the **communication plan** that determines the reporting requirements and the flow of information between the client, LT's management, and LT's consulting team. LT's communication philosophy is based on an Open Book Strategy where transparency is key to the project going well. The goal is to minimize the Need-to-Know attitude except where security issues take precedence. NEWFORMA enforces the development of the project directory listing ALL of the team members who are involved in the project from the Principal to the CAD Designer.
- → To ensure effective decision-making LT will want to ensure that the **roles and responsibilities** are clearly defined for all members working on the project, defining the expectations for each, and critically ensuring that for each role the authority is also there to get the job done. Meetings become more effective when the decision makers are present.
- → The **project schedule** determines the timeframe and the key milestones for the project help set expectations and allow resources to be made available at the right time. LT uses MS Project to schedule tasks and roll them up into a Master Project to be shared with the team. It is available to all team members on the NEWFORMA Project Center, and they are notified if the schedule is updated.
- → The **project scope** defines the base standards that the City will accept at a minimum. It will be the program manger's responsibility to work with the agency to ensure the scope contains clear objectives and deliverables and if any unique

- requirements are to be imposed. It is key for the program manger to establish a scope that can be translated to tasks with milestones that is documented by an approved project schedule.
- → The overall **management of contracts** falls to the Project Manager working to ensure that before any work starts there is a signed contract in place and once the work is completed the task is closed out to the satisfaction of the City of Glenarden.



8. E-Mail Address

hedy@leuteriothomas.com

ARCHITECT-ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. Title and Location (City and State)

City of Glenarden Request for Proposal Architectural/Engineering Professional Services, Glenarden, MD

7. Fax Number

301-542-0149

RFP 2022-01

B. ARCHITECT-ENGINEER POINT OF CONTACT

/ Name and Title

04/25/2022

Hedy L. Thomas, PE, President/Owner

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

5. Name of Firm

6. Telephone Number

301-203-1784

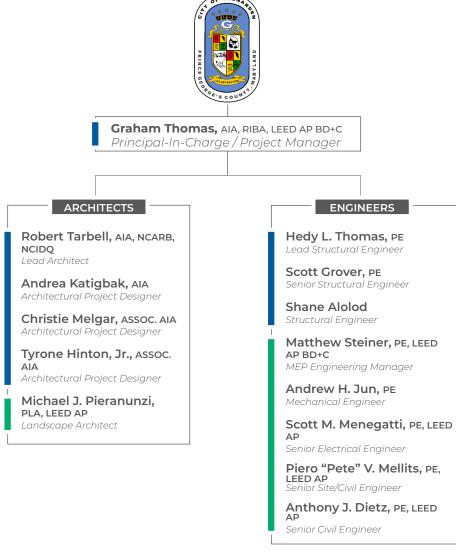
Leuterio Thomas, LLC

301-203-1764 S01-342-0149 Hedy@leuterlothornas.com										
C. PR	C. PROPOSED TEAM (Complete this section for the prime contractor and all key subcontractors.)									
		(Chec	k)							
	Prime	J-V Partner	Subcontrac- tor	9. Firm Name	10. Address	11. Role In This Contract				
a.	✓			Leuterio Thomas, LLC	6710 Oxon Hill Rd,. Suite 300 National Harbor, MD 20745	Architect, Structural Engineer				
				□Check if Branch Office						
b.			✓	Century Engineering, LLC	10710 Gilroy Road Hunt Valley, MD 21031	MEP, Site/Civil Engineer, Landscape Architect				
				☑Check if Branch Office						
C.				Name of Firm	Street, Suite City, State, Zipcode	Role				
				□Check if Branch Office						
d.				Name of Firm	Street, Suite City, State, Zipcode	Role				
				□Check if Branch Office						
e.				Name of Firm	Street, Suite City, State, Zipcode	Role				
				□Check if Branch Office						
f.				Name of Firm	Street, Suite City, State, Zipcode	Role				
				□Check if Branch Office						

 \square (Attached)

PROJECT TEAM MANAGEMENT]

CITY OF GLENARDEN CONTRACT ARCHITECTURAL & ENGINEERING PROFESSIONAL SERVICES Leuterio Thomas, LLC Architect & Structural Engineer Century Engineering MEP, Civil Engineer, Landscape Architect



	RESUMES OF KEY PERSONNEL PROPOS Implete on Section E for each key person.)	SED	FOR THIS CONTRACT				
12. N	lame 1	13. Role	In This Contract	14. Years' Experienc	14. Years' Experience		
Gr	anam I Inomas AIA DIRA LEED AD RD+C	Princ Mana	ipal-In-Charge / Project ager	a. Total	b. With Current Firm		
15. F	Firm Name and Location (City and State)						
Le	uterio Thomas, LLC National Harbor, MD						
	Education (Degree and Specialization)	17	7. Current Professional Registration (State	e and Discipline)			
	aster of Science, Architecture, 1982 chelor of Science, Architecture, 1979		Registered Architect: DC (AR 0401015717), MA (32279), PA		3567), VA		
18. (Other Professional Qualifications (Publications, Organizations, Training, Aw	wards, et	c.)				
Rc En	ember of American Institute of Architects; Design E byal Institute of British Architects; National Institute Iclosure Technology & Environment Committee; bu curity Presidential Directive 12 (HSPD-12)	e of Bu	uilding Sciences; NBIMS_US	Project Comm	ittee; Building		
19. F	Relevant Projects						
	(1) Title and Location (City and State)	(2	?) Year Completed				
	USSS HQ 5th Floor Renovation, Washington, DC		rofessional Services	Construction (If Ap	pplicable)		
			2021		2021		
a.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				performed with current firm		
	Role: Project Manager. Leuterio Thomas provided architectural services to renovate the fifth-floor office space, operational rooms, and systems infrastructure. Through optimization of usable space, the goal was to expand available personnel space by creating a collaborating environment and additional storage of operational equipment and supplies.						
	(I) Title and Location (City and State) GSA VA 6th Floor Renovation, Washington, DC		?) Year Completed				
			rofessional Services	Construction (If Applicable)			
			2019-2020		2020		
b.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if project	performed with current firm		
	Role: Lead Architect. The project goal is to increase the utilization rate and accommodate the increased population. Leuterio Thomas was tasked to provide construction drawings based on the design intent drawings provided. LT's design incorporated all necessary information that created a functional space and took into consideration HVAC, Life Safety, lighting, and power. A/E Fee: \$63,831.35						
	(1) Title and Location (City and State)	(2	Year Completed				
	CCA DI Chamana Dan austion	Р	rofessional Services	Construction (If Ap	oplicable)		
	GSA B1 Storage Renovation, Washington, DC		2019-2020		2021		
C.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if project	performed with current firm		
	Role: Lead Architect. Size: 5700 SF. Design-build costorage space that will house materials during corstorage room, prep room, technician's work room,	nstru	ction of the new storage spa	aces. Renovatio	n includes large		
	(1) Title and Location (City and State)	(2	Year Completed				
	Department of Veteran Affairs, 3rd Floor OI	OIT P	rofessional Services	Construction (If Ap	oplicable)		
	& OPP Alterations , Washington, DC		2015-2016		2016		
d.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if project	performed with current firm		
Role: Architect. Design-Build contract to renovate portions of the 3rd floor of the Department of Veter building. Per the provided design intent drawings the OIT and OPP spaces shall be renovated. Const \$3.5M							
	(1) Title and Location (City and State)	(2	?) Year Completed				
	New Executive Office Building (NEOB) 6th	P	rofessional Services	Construction (If Ap	oplicable)		
	Floor Modernization Project - Washington, DC		2019-2020		2020		
e.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if project	performed with current firm		
	Role: Design Architect. 16,000 SF of office interior r The project scope includes new private offices, cor						

Demolition of existing partitions, flooring, and ceiling to support the new office renovation. A/E Fee: \$86,144.85

	RESUMES OF KEY PERSONNEL PROPC mplete on Section E for each key person.)	SE	D FOR THIS CONTRACT				
12. N	lame	13. Ro	ole In This Contract	14. Years' Experienc	е		
Do	short Tarball ALA NICARR NICIRO	Loa	d Architect	a. Total	b. With Current Firm		
RC	bbert Tarbell, AIA, NCARB, NCIDQ	Lea	id Alcilitect	21	3		
15. F	irm Name and Location (City and State)						
Le	uterio Thomas, LLC National Harbor, MD						
	ducation (Degree and Specialization)		17. Current Professional Registration (State a				
Bachelor of Architecture, 2000 Bachelor of Science, Building Sciences, 2000 Rensselaer Polytechnic Institute, Troy, NY Registered Architect: DC (ARC103147), MD (19946), NY (040038-01), VA (401019023)			19946), NY				
18. 0	Other Professional Qualifications (Publications, Organizations, Training, Av	vards,	etc.)				
of nu	nerican Institute of Architects, NCARB, National Or Architects and Engineers. Robert Tarbell has man merous projects throughout his career. Some of h ntrol centers to government/military facilities.	y yea	ars experience in the industry a	and has led ar	nd managed		
19. F	Pelevant Projects						
	(1) Title and Location (City and State)		(2) Year Completed	1			
	GSA National Courts, Chamber Renovation	ns,	Professional Services	Construction (If Ap	pplicable)		
	Washington, DC		On-Going	C	n-Going		
a.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role						
	Role: Project Manager/Lead Architect. Design-Build contract to replace existing ceiling with new ceiling, grid, lights, HVAC and fire retardant, and carpet in various chambers and select work areas. Provided design and construction documents.						
	(1) Title and Location (City and State) Beretta Campus Renovation, Accokeek, MD		(2) Year Completed				
			Professional Services	Construction (If Ap	oplicable)		
			On-Going	С	n-Going		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if project	performed with current firm		
b.	Role: Lead Architect. LT has coordinated with the client regarding the goals of the project It has been identified and agreed upon that the project will be divided into phases in order to achieve the objectives set forth by the client. Currently, Phase 0 involves the demolition of interior walls, doors, and windows for a new office layout. Exterior walls are being partially demolished for new window openings. Phase 1 involves the demolition of interior walls, doors, and windows for a new gunsmithing workspace and conference center. The exterior walls are being partially demolished for new windows and storefront openings. The security building walls are also being partially demolished for the new addition.						
	(1) Title and Location (City and State)		(2) Year Completed				
	GSA VA 6th Floor Renovation, Washington, DC		Professional Services	Construction (If Applicable)			
	VA CETT TOOT RETIONATION, Washington, De		2019-2020		2020		
C.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				performed with current firm		
	Role: Lead Architect. The project goal is to increas Leuterio Thomas was tasked to provide construct design incorporated all necessary information the Safety, lighting, and power. A/E Fee: \$63,831.35	tion	drawings based on the design	intent drawin	ngs provided. LT's		
	(1) Title and Location (City and State)		(2) Year Completed	1			
	New Executive Office Building (NEOB) 6th		Professional Services	Construction (If Ap	pplicable)		
اء	Floor Modernization Project - Washington, DC		2019-2020		2020		
d.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				performed with current firm		
	Role: Design Architect. 16,000 SF of office interior The project scope includes new private offices, co Demolition of existing partitions, flooring, and ce	onfe	rence rooms, kitchenette, stora	age, and collab	oration spaces.		

	E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete on Section E for each key person.)					
12. N	lame	13. Role	e In This Contract	14. Years' Experienc	e	
Α	doe Wattala			a. Total	b. With Current Firm	
Ar	ndrea Katigbak, AIA	Arcr	nitectural Project Designer	12	5	
15. F	irm Name and Location (City and State)					
Le	uterio Thomas, LLC National Harbor, MD					
16. E	Education (Degree and Specialization)		17. Current Professional Registration (State	and Discipline)		
	ual degree Master of Arts in Architecture and regrated Building Design, 2016		Registered Architect: MD			
18. 0	Other Professional Qualifications (Publications, Organizations, Training, Av	Awards, e	etc.)			
	drea Katigbak has numerous years' experience with cons e has taken on the role of project designs, as well as proje			ous firm. Now w	ith Leuterio Thomas,	
19. F	Relevant Projects					
	(1) Title and Location (City and State)		(2) Year Completed			
	New Executive Office Building (NEOB) 6th	า	Professional Services	Construction (If Ap		
	Floor Modernization Project - Washington, DC		2019-2020		2020	
a.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				performed with current firm	
	Role: Architectural Project Designer. 16,000 SF of office interior renovation Design-Build project for the federal government. The project scope includes new private offices, conference rooms, kitchenette, storage, and collaboration spaces. Demolition of existing partitions, flooring, and ceiling to support the new office renovation. A/E Fee: \$86,144.85					
	(1) Title and Location (City and State)		(2) Year Completed			
	NAVFAC Building 410 South End Bay		Professional Services	es Construction (If Applicable)		
	Renovation, Mechanicsburg, PA		2017-2019		2019	
b.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					
	Role: Architectural Project Designer. This project consists of a facility renovation of approximately 34,000 square feet of administrative office space and includes demo of existing space features and new construction of walls, ceilings, lights, paint, carpet, and necessary supporting features such as electrical/communication distribution required for a fully functional office space					
	(1) Title and Location (City and State) WMATA Good Luck Road, Landover, MD		(2) Year Completed			
			Professional Services	Construction (If Ap	oplicable)	
	VVINATA GOOG EGEN ROBG, Landover, MD		2016-2018		2018	
C.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				performed with current firm	
	Role: Lead Architect. Provide existing building condition assessments and construction contract documents. The goal is to consoli date warehouse and office spaces from various departments. Other tasks include – site investigations and perform staff interviews Cost: \$5M					
	(1) Title and Location (City and State)		(2) Year Completed			
	PGCPS – Maya Angelou French Immersion	า,	Professional Services	Construction (If Ap	oplicable)	
	Window and Univents Replacement and A Upgrade, Temple Hills, MD	AC	On-Going		On-Going	
d.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if project	performed with current firm	
	Role: Architectural Project Designer. Developed design drawings, reports/specifications, attended site visits, surveys, client/to coordination. The scope of the project includes removing and replacing the existing windows with commercial grade alum single hung windows, all materials, labor, equipment, permits, and supervision to remove and replace existing windows. The of this project includes replacing approximately 30 original 1965 classroom unit ventilators with steam heat, 6 fan coil unites AHUs. Project Cost: \$4.5M			al grade aluminum g windows. The scope		
	(1) Title and Location (City and State)		(2) Year Completed			
	PGCPS – Beltsville Academy, Univents		Professional Services	Construction (If Ap	oplicable)	
e.	Replacement, Controls Upgrade, & Window Replacement, Beltsville, MD	ws	On-Going		On-Going	
₽.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if project	performed with current firm	
	Role: Architectural Project Designer - Developed design drawings, reports/specifications, attended site visits, surveys, client/team coordination. The scope of the project includes replacing Seventy Six (76) of the 1961 classroom unit ventilators. A total of 270 windows including tech fab panels will be replaced as a result of this project. Project Cost: \$2M					

from 90 to 120. Cost: \$1M

F	RESUMES OF KEY PERSONNEL PROPO	SED FOR THIS CONTRACT					
	omplete on Section E for each key person.)	SED FOR THIS CONTRACT					
12. 1	Name	13. Role In This Contract	14. Years' Experienc	ce			
Cł	nristie Melgar, ASSOC. AIA	Architectural Project Designer	a. Total	b. With Current Firm			
15. F	Firm Name and Location <i>(City and State)</i>						
Le	uterio Thomas, LLC National Harbor, MD						
16. I	Education (Degree and Specialization)	17. Current Professional Registration (State	e and Discipline)				
	asters of Architecture, 2018 achelor of Science in Architecture, 2014						
18.	Other Professional Qualifications (Publications, Organizations, Training, Av	vards, etc.)					
	hile currently preparing for her exams, Christie has showr u can see the hard work and dedication that is put into th		ture. With each _l	oroject she works on,			
19. [Relevant Projects						
	(1) Title and Location (City and State)	(2) Year Completed					
	PGCPS Patuxent Elementary School HVAC	I	Construction (If A)				
	and Envelope Modernization, Upper Marlboro, M	D On-Going		On-Going			
a.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role	10/40		performed with current firm			
	Role: Architectural Project Designer. Design-Build contract to replace HVAC units/equipment, lighting, IT/security, exterior doors, windows, and store fronts throughout the entire building. Leuterio Thomas will provide construction administration, construction documents, and post construction documentation.						
	(1) Title and Location (City and State)	(2) Year Completed					
	PGCPS – James Madison Middle School	Professional Services	Construction (If A)	oplicable)			
	HVAC and Building Envelope Modernization Upper Marlboro, MD	on, On-Going		On-Going			
b.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role						
	Role: Architectural Project Designer. Survey of existing conditions for rehabilitation of the building existing wood windows and repairs to the façade including cast stone surrounds, brick, and stucco. The scope also included relocation of a few window-installed HVAC units and interior wall repairs.						
	(1) Title and Location (City and State)	(2) Year Completed					
	Advisory Council on Historic Preservation,	Professional Services	Construction (If A)	oplicable)			
	Washington, DC	2014-2016		2016			
C.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		☑Check if project	performed with current firm			
	Role: Architectural Project Designer. LT was retained by the design builder to complete the design for ACHP for their new offices. This 14,700 square feet tenant build out of the 3rd floor of the National Building Museum incorporates new modern office standard finishes in a historic context. Project Cost: \$1.2M						
	(1) Title and Location (City and State)	(2) Year Completed					
	WMATA Roof Rehabilitation and	Professional Services	Construction (If A)	oplicable)			
	Replacement – Forest Glen Chilled Water Plant, Silver Spring, MD	2015-2017	2017				
d.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role	'	☑Check if project	performed with current firm			
	Role: Architectural Project Designer. The Chilled Water Plant had a thermoset single-ply rubber type roof with 5,429sf in size and estimated service life of 2 years. Leuterio Thomas was tasked with the complete roof replacement of the following "Non-Roadwa facilities – in this case the Forest Glen Chilled Water Plant.						
	(1) Title and Location (City and State)	(2) Year Completed					
	WCCC Handau antone Conses Diameter	Professional Services	Construction (If A)	oplicable)			
	WSSC Headquarters Space Planning, Laurel,	MD 2016					
e.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		☑Check if project	performed with current firm			

Role: Architectural Project Designer. 40,000 square feet to develop floor plans in three weeks. A challenging schedule that LT accomplished for the client. A review of the 2015 IBC/ASHRAE Codes showed WSSC can increase the numbers of people on a floor

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	RESUMES OF KEY PERSONNEL PROPC	SED FOR THIS CONTRACT				
•	Hame	13. Role In This Contract	14. Years' Experience	e.		
			a. Total	b. With Current Firm		
Ту	rone Hinton, Jr., ASSOC. AIA	Architectural Project Designer	2	2		
15. F	irm Name and Location (City and State)					
Le	uterio Thomas, LLC National Harbor, MD					
16. E	Education (Degree and Specialization)	17. Current Professional Registration (State	and Discipline)			
	chelor of Science in Architecture and Environmer esign, 2019	ntal				
18.	Other Professional Qualifications (Publications, Organizations, Training, A	wards, etc.)				
WC	a young professional, Tyrone has started his career getti orking on renderings for a new metro station as well as a dustry by working and communicating with clients and	warehouse and office renovation. He				
19. F	Relevant Projects					
	(1) Title and Location (City and State)	(2) Year Completed				
	PGCPS Patuxent Elementary School HVAC	Professional Services	Construction (If A)	oplicable)		
	and Envelope Modernization, Upper Marlboro, N	4D On-Going		On-Going		
a.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		☑Check if project	performed with current firm		
	Role: Architectural Project Designer. Design-Build contract to replace HVAC units/equipment, lighting, IT/security, exterior windows, and store fronts throughout the entire building. Leuterio Thomas will provide construction administration, condocuments, and post construction documentation.					
	(1) Title and Location (City and State)	(2) Year Completed				
	PGCPS – James Madison Middle School	Professional Services	Construction (If Applicable)			
b.	HVAC and Building Envelope Modernization Upper Marlboro, MD	on, On-Going		On-Going		
D.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		☑Check if project	performed with current firm		
	Role: Architectural Project Designer. Survey of existing repairs to the façade including cast stone surrounds, br HVAC units and interior wall repairs.					
	(1) Title and Location (City and State)	(2) Year Completed				
	New Executive Office Building (NEOB) 6th	Professional Services	Construction (If A)	oplicable)		
	Floor Modernization Project - Washington, DC	2019-2020	2019-2020 2020			
C.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		☑Check if project	performed with current firm		
	Role: Architectural Project Designer. 16,000 SF of office interior renovation Design-Build project for the federal government. The project scope includes new private offices, conference rooms, kitchenette, storage, and collaboration spaces. Demolition of existin partitions, flooring, and ceiling to support the new office renovation. A/E Fee: \$86,144.85					
	(1) Title and Location (City and State)	(2) Year Completed				
	Prince George's County K-9 Facility, Upper	Professional Services	Construction (If A)	pplicable)		
	Marlboro, MD	On-Going	Going On-Goin			
d.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		☑Check if project	performed with current firm		
a.	Role: Architectural Project Designer. The proposed canine training facility will be located on approximately 3.3 acres of total are including the building. The building will be a new one (1) story CMU block and steel truss structure, of approximately 10,308 sq. The training facility will be divided into two main areas with offices/classrooms on one side and dog care area on the opposite. The proposed facility will include offices, a canine training classroom, 14 kennels, fenced in dog run, dog grooming area, storagivault, kitchenette, and a small vehicle garage.					
	(1) Title and Location (City and State)	(2) Year Completed				
	Salvation Army Warehouse	Professional Services	Professional Services Construction (If Appl			
	Salvation Army Warehouse, Hyattsville, MD	On-Going	On-Going			
e.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		☑Check if project	performed with current firm		
	Role: Architectural Project Designer. Leuterio Thomas is		_			

	RESUMES OF KEY PERSONNEL PROPO omplete on Section E for each key person.)	SEI	O FOR THIS CONTRACT	г			
12. N	Name	13. Rol	e In This Contract	14. Years' Experier	14. Years' Experience		
ш	adv. I. Thomas as	1.004	d Structural Engineer	a. Total	b. With Current Firm		
П	edy L. Thomas, PE	Lead	d Structural Engineer	35	22		
15. F	Firm Name and Location (City and State)						
Le	uterio Thomas, LLC National Harbor, MD						
16. E	Education (Degree and Specialization)		17. Current Professional Registration (Stat	e and Discipline)			
	nchelors in Architecture 1979 CE Structural Engineering, 1987		Professional Engineer: MD (: (0402034940), NY (079338-1 CA (C 56191), KY (31400) Struc), NJ(24GE045	41600), MA (52413),		
18. (Other Professional Qualifications (Publications, Organizations, Training, Awa	ards, e	etc.)				
Bı Ar	s. Thomas is an active member of the Following Or uilding Congress (WBC); International Concrete Rep merican Concrete Institute (ACI); American Institute napter. Security Clearance: Homeland Security Pres	pair e of 9	Institute (ICRI); Society for Pr Steel Construction (AISC); Wo	otective Coati	ngs (SSPC);		
19. F	Relevant Projects						
	(1) Title and Location (City and State)		(2) Year Completed				
	New DC Water Headquarters, Washington, DC		Professional Services	Construction (If	Applicable)		
	The Washington, Be		2016-2019		2019		
a.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			, ,	ct performed with current firm		
	Role: Associate Structural Engineer. Designed the foundations for the DC Water Headquarters building. LT closely coordinated the column and pile cap locations to minimize impact on the existing underground structures and utilized concrete encased steel plate girders where required to form transfer girders to span over the existing utilities that otherwise could not have been avoided.						
	(1) Title and Location (City and State)		(2) Year Completed				
	IRS B2 North Space Alterations, Lanham, MD		Professional Services 2016-2017	Construction (If	Applicable) 2017		
b.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		2010 2017	✓Check if project	ct performed with current firm		
	Role: Structural Engineer. LT was tasked with this design-build project to provide space alterations to the B2 Nortl computer room located in Building B. The space is approximately 6,000sf.						
	(1) Title and Location (City and State)	T I	(2) Year Completed				
	NAVFAC Building 410 South End Bay		Professional Services	Construction (If	Applicable)		
	Renovation - Mechanicsburg, PA		2017-2019	2017-2019 201			
C.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			lacktriangleCheck if project performed with current firm			
	Role: Lead Structural Engineer. Design-Build contract of a facility renovation of approximately 34,000 square feet of administrative office space and includes demo of existing space features and new construction of walls, ceilings, lights, paint, carpet, and necessary supporting features such as electrical/communication distribution required for a fully functional office space. A/E Fee: \$160,000.00						
	(1) Title and Location (City and State)		(2) Year Completed				
	Advisory Council on Historic Preservation		Professional Services	Construction (If	Applicable)		
d.	Space Alterations in the National Building Museum, Washington, DC		2013-2014		2014		
u.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if project	ct performed with current firm		
	Role: Lead Structural Engineer. LT was retained by offices. This 14,700 square feet tenant build out of modern office standard finishes in a historic conte	fthe	3rd floor of the National Bui	the design for Iding Museum	ACHP for their new incorporates new		
	(1) Title and Location (City and State)		(2) Year Completed				
	Silver Spring Metro Center Parking Garage		Professional Services	Construction (If			
_	Repair, Silver Spring, MD		2019-2020		2020		
e.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role Role: Lead Structural Engineer. Concrete repair of	f Z I	vel garage which involves fu		et performed with current firm		
	_I noic, Lead off details Eligineer, Contrete repair of	216	ver garage writer illivolves lu	u aebrii aiia bi	агиаг черит		

slab concrete repair using hydrodemolition and providing cathodic protection. Repair also includes remove and

replacement of highly deteriorated trench drains and storm water pipes.

	of Glenarden, A/E Professional Services 2022-01				SF330 Part 1 Section	
	RESUMES OF KEY PERSONNEL PROPC omplete on Section E for each key person.)	SE	D FOR THIS CONTRAC	Т		
12. 1	Name	13. R	ole In This Contract	14. Years' Experier	nce	
				a. Total	b. With Current Firm	
Sc	cott Grover, PE	Ser	nior Structural Engineer	7	7	
15. F	Firm Name and Location (City and State)					
Le	uterio Thomas, LLC National Harbor, MD					
16. E	Education (Degree and Specialization)		17. Current Professional Registration (Sta	te and Discipline)		
	achelor of Science in Civil Engineering, Concentrat Structural Engineering, 2014	ion	Professional Engineer (Strud	ctural): MD (544	478)	
18.	Other Professional Qualifications (Publications, Organizations, Training, A	wards	s, etc.)			
lak fiv	ott Grover, encompasses a strong mindset and great foc o facilities, transportation, and K-12. As a Senior Structura e years. On the design side, he has worked small renovat g and medical facility. Homeland Security Presidential D	l Eng ions	gineer, he has led the Federal of and assessments, to complete r	Bureau of Prison: new structural de	s projects for the past	
19. F	Relevant Projects					
	(1) Title and Location (City and State)		(2) Year Completed			
	New DC Water Headquarters, Washington, DC		Professional Services	Construction (If A	Applicable)	
	Trev be vitter readquarters, washington, be	2016-2019	2019			
a.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role					
	Role: Senior Structural Engineer. LT was responsible for the design of the foundation system to support a seven-story steel structure. The design entails a complex coordination with the Geotechnical and Civil engineers with locating the proposed 72 inches drilled piers with the existing utility pipes and large conduits that serves the existing Pumping station, that remained in place. Cost: \$53M					
	(1) Title and Location (City and State) NOAA Satellite Operations Facility Existing Retaining Wall Strengthening, Suitland, MD		(2) Year Completed			
			Professional Services 2015-2016	Construction (If A	Applicable) 2016	
b.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		☑Check if project	ct performed with current firm		
	Role: Structural Engineer. Over 25 feet tall and 150 feet stress cracks. LT had provided analysis and design to all concrete repair methods with consideration on constru coordination with NSOF's facility managers was critical	levia uctal	te hydrostatic pressure behind tl oility as the retaining wall is situa	ne retaining wall Ited at the Gener	and developed	
	(1) Title and Location (City and State)		(2) Year Completed			
	University of Maryland Capital Region		Professional Services	Construction (If A	Applicable)	
	Medical Center - Tunnel, Largo, MD		2016-2019		2019	
C.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		☑Check if project performed with			
	Role: Senior Structural Engineer. The tunnel extends from the main hospital building to 300 feet long with a 90 degree turn in the center of the length. The tunnel is under a variloading above. The tunnel structure is composed of cast-in-place reinforced concrete wit each end.			epth of soil with	a designed vehicular	
	(1) Title and Location (City and State)		(2) Year Completed			
	Emergent Roof Structural Analysis, Baltimore	2	Professional Services	Construction (If A	Applicable)	
	MD	,	2019		N/A	
d.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if project	ct performed with current firm	
	Role: Structural Engineer. The existing six hundred (600 being replaced with an 1800 pound antenna. Leuterio current roof structure is capable of safely supporting the	Thor	mas performed the necessary loa			
	(1) Title and Location (City and State)		(2) Year Completed			

(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role

University of Maryland Capital Region Medical Center – Central Utility Plant, Largo,

 \square Check if project performed with current firm

2019

Construction (If Applicable)

Role: Senior Structural Engineer. Leuterio Thomas designed the Central Utility Plant (CUP) portion of the medical center project. The central utility plant is surrounded by over 700 linear feet of retaining walls with 15 to 25 feet of retained soil.

Professional Services

2016-2019

	of Glenarden, A/E Professional Services			SF330 Part 1 Section E			
F	DESUMES OF VEV DEDSONNEL DRODO	CED FOR THIS CONTRACT	-				
	RESUMES OF KEY PERSONNEL PROPO omplete on Section E for each key person.)	SED FOR THIS CONTRACT					
	Name	13. Role In This Contract	14. Years' Experier	14. Years' Experience			
			a. Total	b. With Current Firm			
Sr	nane Alolod	Structural Engineer	4	2			
15. F	Firm Name and Location <i>(City and State)</i>						
Le	uterio Thomas, LLC National Harbor, MD						
16. E	Education (Degree and Specialization)	17. Current Professional Registration (State	17. Current Professional Registration (State and Discipline)				
Master of Science in Civil Engineering, Structural Concentration, 2020 Bachelor of Science in Civil Engineering, 2014							
18.	Other Professional Qualifications (Publications, Organizations, Training, Av	vards, etc.)					
tia tal	nane has worked on a range of projects with Leuter all home and provided support on a new addition fo ls, codes, and standards. Shane has extensive expe SA Foundation, RISA, Connection, ETABS, and SAP	or a laboratory. She is knowledge: rience with various design softwa	able in buildin	g design fundamen-			
19. F	Relevant Projects						
	(1) Title and Location (City and State)	(2) Year Completed					
	Beretta HQ Renovation, Accokeek, MD	Professional Services	Construction (If				
a.	(7) Print Description (Print and a rise and the land Constitution	On-Going	Z Charlett musics	On-Going			
u.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role Role: Structural Engineer. LT has coordinated with the client regarding the goals of the project It has been identified and agreed upon that the project will be divided into phases in order to achieve the objectives set forth by the client. The initial phases consist of a series of architectural, structural, and MEP surveys and concept development.						
	(1) Title and Location (City and State)	(2) Year Completed	(2) Year Completed				
	WSSC Lab Expansion, Silver Spring, MD	Professional Services	Construction (If	Applicable)			
		2020-2021		2021			
b.	(3) Brief Description (<i>Brief scope, size, cost, etc.</i>) and Specific Role		☐Check if project performed with current firm				
	Role: Structural Engineer. WSSC's Consolidated Laboratory Facility (CLF) is an EPA-certified laboratory, located in Silver Spring, MD. Leuterio Thomas is the Lead Structural Engineer for the new 12,000sf project. The new addition will be designed to match the existing steel structure with braced frames.						
	(1) Title and Location (City and State)	(2) Year Completed					
	University of Maryland Capital Region Medical Center - Ambulatory Care Center (ACC), Largo, MD	Professional Services On-Going	Construction (If	Applicable) On-Going			
C.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role	'	☐Check if project performed with current				
	Role: Structural Engineer. Size: 5700 SF. Design-build contract that is broken down into two phases. Provide temporary storage space that will house materials during construction of the new storage spaces. Renovation includes large storage room, prep room, technician's work room, general storage room, break room, and locker room.						
	(1) Title and Location (City and State)	(2) Year Completed					
d.	WMATA Debris Collection Ledge at Gallery	Professional Services	Construction (If	Applicable)			
	Place-Chinatown Station, Washington, DC	On-Going		On-Going			
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		☐Check if project performed with current firm				
	Role: CAD/BIM. Conducted investigations and surveys to document the current conditions of the space. Provided design concepts that were presented to the client. For the final design development, specifications, estimates, a plans were provided.						
	(1) Title and Location (City and State)	(2) Year Completed					
	New Prince George's County P3 Blueprint	Professional Services	Construction (If	Applicable)			
	Schools, Various Locations	On-Going	On-Going Or				
0	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		☑Check if project	t performed with current firm			

Role: Structural Engineer. Developed design drawings, involved in design development, client/team coordination. One middle school and elementary school designs intended to be used across the school district sites. The structural approach to these facilities are to provide a cost-effective system that complies with all relevant building codes,

including the PGCPS Design Guidelines.

E DECLINATE OF MEN DEDCOMMEN DESCRIPTION FOR THIS CONTRACT							
	. RESUMES OF KEY PERSONNEL PROPO omplete on Section E for each key person.)	SE	D FOR THIS CONTRACT				
			ole In This Contract	14. Years' Experience			
				a. Total	b. With Current Firm		
M	atthew Steiner, PE, LEED AP BD+C	ME	P Engineering Manager	12	7		
15. I	Firm Name and Location (City and State)						
Ce	entury Engineering, LLC - Hunt Valley, Maryland						
16. Education (Degree and Specialization)			17. Current Professional Registration (State and Discipline)				
1998, BA, Psychology, McDaniel College 2001, AAS, Mechanical Technology, Onondaga Community College			2014, PE, MD, No. 45534 2009, LEED® Accredited Professional (LEED AP® BD+C)				
18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)							
wi pc cc St to pr	r. Steiner's varied, and comprehensive project expeith both simple and complex electrical design aspeower distribution design, computer room generato pordination and arc flash studies, SCIF design, consteiner has a full understanding of the time constrain complete each project within the defined schedul roactive in developing CAD standards and QualityC garding lighting and energy codes.	ects r/UI truc nts led.	. Matt's broad technical experience. PS selection, photometric calculation cost estimating andelectrassociated withthe design produced in addition to his project manalectrans.	ence includesrulationsusing a vical system co cess and takes agement dutie	medium voltage AGI software, fault ommissioning. Mr. s effective measures es, he has been		
19.	Relevant Projects						
	(1) Title and Location (City and State)		(2) Year Completed				
	City of Frederick Department of Public		Professional Services	Construction (If Applicable)			
	Works, Generator and Switchboard Installation, Frederick, MD		2017		2018		
	3) Brief Description (Brief scope, size, cost, etc.) and Specific Role						
a.	Project Manager · Integration a new natural-gas fired outdoor generator, automatic transfer switch, and replacement 2000A switchboard into an existing, operational, multi-building facility. The switchboard and ATS were housed in a custom, UL-rated outdoor enclosure. A key facet of the project involved designing the equipment to limit downtime during the outage. The scope also involved a fault, coordination, and arc flash analysis of the entire DPW electrical system. The data for this study was obtained by subcontracting with an electrical contractor to remove panel covers. Oversaw all aspects of the design, including management of a Civil/Structural subconsultant and the electrical contractor subconsultant. A cost estimate was provided at each stage of the design. \$86,800 Fee						
	(1) Title and Location (City and State)		(2) Year Completed				
	Fairfax County A/E Basic Ordering Agreement (BOA), Sully Community Center, Fairfax, VA		Professional Services	Construction (If A)	oplicable)		
			2014	2014-2015			
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if project	performed with current firm		
b.	Supervisor · Responsible for the engineering services to implement various modifications and improvements to this 35,000 SF building situated on five acres. Space within the community center includes a Healthcare addition, a gymnasium, exercise room, game room, computer room, multi-purpose space, classroom, art room, storage, commercial kitchen, and various administrative offices. Design included HVAC, plumbing, power and lighting systems; load calculations for HVAC requirements, HVAC control sequences, energy modeling, code required fire alarm device locations, exit and emergency lighting along with solar PV electrical design. \$30,861 Fee						
	(1) Title and Location (City and State)		(2) Year Completed				
	Howard County Detention Center Medical Clinic Feasibility Study, Howard County, MD		Professional Services 2018	Construction (If A)	oplicable) 2020		
	(3) Brief Description (<i>Brief scope, size, cost, etc.</i>) and Specific Role		1 25.5	☐Check if project	performed with current firm		
C.	Supervisor · Supervised and prepared a concept of the detention center. The study developed conce Concepts studied expansion into existing occupies study included recommendations for relocating to	pts ed a	to provide all required Medical djacent spaces or the construc	sting Medical Unit spaces in ction additions	Unit within n a single area. al building. The		

support of design, administrative, financial, and schedule components. \$5,800 Fee

Construction Cost

1 (1 1	2022 01						
	RESUMES OF KEY PERSONNEL PROPOS omplete on Section E for each key person.)	SEI	D FOR THIS CONTRACT				
			le In This Contract	14. Years' Experience	e		
Andrew H. Jun, PE			chanical Engineer	a. Total	b. With Current Firm		
15. F	Firm Name and Location <i>(City and State)</i>			,			
C.e	entury Engineering, LLC - Hunt Valley, Maryland						
	Education (Degree and Specialization)		17. Current Professional Registration (State and Discipline)				
2013, BS, Mechanical Engineering, University of Maryland			2018, PE, MD, No. 43951				
	Other Professional Qualifications (Publications, Organizations, Training, Aw.	vards	(s. etc.)				
As vic	a Mechanical Engineer, Mr. Jun prepares mechanic des construction services, project management, sup cludes water source heat pumps, geothermal heat hits, split systems, central water heating systems, do	cal per pur	design, contract drawings, and vision, and client coordination. mps, chiller/boiler plants, DX pa	Mr. Jun's tech ackaged equip	nical experience		
19. F	Relevant Projects						
	(1) Title and Location (City and State)	-	(2) Year Completed				
	Columbia Association, Supreme Sports Clul		Professional Services	Construction (If Ap			
	Center Condition Assessment, Howard County, M (3) Brief Description (Brief scope, size, cost, etc.) and Specific Role	1D	2018	Michaelaif anniae	N/A performed with current firm		
a.	Mechanical Engineer · Mechanical evaluation of the building's MEP systems serving the 80,000 SF two-story structure. Performed a non-invasive, visual, site survey to document the existing conditions, referencing existing MEP drawings of the building. A description of the major MEP system components, rooftop equipment, air handling units, water heaters, electrical service and distribution gear, and control systems including make, model, capacity and general age was provided. \$9,900 Fee						
	(1) Title and Location (City and State)		(2) Year Completed				
	Hawthorne Center Restroom Alterations, Howard County, MD		Professional Services	Construction (If Applicable)			
			2018	2018			
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if project performed with curre			
b.	Mechanical Engineer · MEP engineering services for a limited renovation of the main Mens and Womens restrooms near the reception area of the facility. Performed a non-invasive, visual, site survey to document exiting conditions, performed load calculations for HVAC requirements, designed MEP systems to serve area, assisted in the preparation of contract and permit documents. Scope items included new air devices, sprinkler heads, receptacles/covers and light switches, new lubming fixtures, lighting utilizing existing fixtures, ADA-compliant switches, new heaters, and associated power circuits. \$4,500 Fee						
	(1) Title and Location (City and State)		(2) Year Completed	Completed			
	Fairfax County A/E Basic Ordering Agreement (BOA), Sully Community Center, Chantilly, VA		Professional Services	Construction (If Ap	pplicable)		
C.			2014	2	2014-2015		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if project	performed with current firm		
	Mechanical Engineer · Engineering HVAC and plumbing design of the 29,000 SF building situated on five acres. Space within the community center includes a gymnasium, exercise room, game room, computer room, multipurpose space, classroom, art room, storage, commercial kitchen, and various administrative offices. Design included load calculations for HVAC requirements, HVAC control sequences, energy modeling, code required fire alarm device locations, exit and emergency lighting. \$30,861 Fee						
d.	(1) Title and Location (City and State)		(2) Year Completed				
	Anne Arundel County, Prince Frederick Volunteer Fire Station, Anne Arundel County, MC		Professional Services 2017-2019	Construction (If Ap	pplicable) 019-2020		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				performed with current firm		
	Mechanical Engineer · Demolition of the 1960 Fire Department Structure and new construction of a two-story building including apparatus bays, gear room, storage, bunk rooms, offices, training rooms, restrooms, lounge, and residential/catering kitchen areas. Provided Facility Investigations and Value Engineering Alternatives. \$6M						

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete on Section E for each key person.)							
12. Name 13		13. Ro	ole In This Contract	14. Years' Experience			
Scott M. Menegatti, PE, LEED AP		Ser	nior Electrical Engineer	a. Total	b. With Current Firm		
15. F	Firm Name and Location (City and State)						
Ce	ntury Engineering, LLC - Hunt Valley, Maryland						
16. E	Education (Degree and Specialization)		17. Current Professional Registration (State and Discipline)				
1992, BS, Electrical Engineering Virginia Polytechnic Institute and State University			2006, PE, MD No. 33735 2006, PE, PA No. PE073646 2004, LEED® Accredited Professional (LEED AP®)				
18. 0	Other Professional Qualifications (Publications, Organizations, Training, Au	wards	, etc.)				
do mi Me	r. Scott Menegatti, a Senior Electrical Engineer, pro enegatti applies his knowledge of low and mediun for lighting, fire alarm and security systems, and fe ultiple disciplines to produce a cohesive design, st enegatti's facility experience includes lifecare and rporate office design and renovations.	n va edera rivin	oltage power distributions systemal SCIF spaces. Mr.Menegatti has to meetthe needs of the Ow	emsrelated to as worked in c ner and relate	indoor and out- onjunction with d stakeholders. Mr.		
19. F	Relevant Projects						
	(1) Title and Location <i>(City and State)</i>		(2) Year Completed				
	Anne Arundel County, Millersville Landill and Resource Recovery Facility (MLFRRF) Maintenance Building Renovation, Anne Arundel County, MD		Professional Services 2021	Construction (If Applicable) On-Going			
a.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			$\ \square$ Check if project performed with current firm			
a.	Senior Electrical Engineer · Providing an evaluation for the feasibility of renovating the maintenance building to ca code compliant facility, to be used by the County for heavy equipment and vehicle maintenance. Assessed the electrical systems to provide recommendations on deficiencies and provide recommendations to bring to code. Evaluating floor plan revisions, HVAC system upgrades or replacement, current conditions and recommendations for equipment, existing lighting for building uses (internal and external), and recommendations for motion sensors for energy efficiency. \$9,600 Fee						
	(1) Title and Location (City and State)		(2) Year Completed				
	Anne Arundel County, Infrastructure Study of Facilities, Anne Arundel County, MD		Professional Services	Construction (If Ap	pplicable)		
			2018		N/A		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if project	performed with current firm		
b.	Senior Electrical Engineer · Performed a building equipment assessment study of Anne Arundel County facilities to review the mechanical system, lighting, electrical service gear, fire alarm, site lighting and emergency power. The buildings included fire stations, police stations, courthouses, office buildings, library offices, the health department, maintenance facilities and animal control. We observed the existing equipment and provided an evaluation on the condition of the equipment and the anticipated life expectancy for the county to prioritize equipment replacements in the future as well as look for any code violations related to equipment. The study also Indicated any acquired information about the existing equipment from in house maintenance staff. \$42,300 Fee						
	(1) Title and Location (City and State)		(2) Year Completed				
	Anne Arundel County, Security Vestibule Upgrades, Riva Road and Arundel Center Office Buildings, Anne Arundel County, MD		Professional Services 2017	Construction (If Applicable) 2018			
C.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role	n cor	vices for two building vestibule		performed with current firm		

Senior Electrical Engineer · Provided engineering services for two building vestibule upgrades: 1) Arundel Center, involves an expansion of the lobby into the existing outdoor patio area. Coordinating power to the new equipment, providing new lighting and connecting new HVAC equipment; 2) Riva Road Site includes the expansion and modification of the four different buildings on the site. The expansions accommodate new security equipment and a security desk including power and lighting coordination and design. \$27,900 Fee

building. \$123,450 Fee

	E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete on Section E for each key person.)						
		13. Rc	ole In This Contract	14. Years' Experience			
		Ser	nior Site/Civil Engineer	a. Total	b. With Current Firm		
	Peter Memes, PL, LLLD AP	JC1	nor site/ervii Erigineer	34	2		
	Firm Name and Location (City and State)						
	entury Engineering, LLC - Hunt Valley, Maryland						
	Education (Degree and Specialization)		17. Current Professional Registration (State o	and Discipline)			
	36, BS, Civil Engineering Technology, Old Dominio niversity	n	1996, PE, MD, No. 21875 1994, PE, VA, No. 0402025104 2018, PE, DC, No. 920454 2018, PE, PA,No. PE086864 2009, LEED® Accredited Profe (LEED AP®)	essional			
18. 0	Other Professional Qualifications (Publications, Organizations, Training, Au	wards	, etc.)				
me	r. Mellits, Site and Civil Engineering Manager, overs ent. He is adept with land development and redev ocessing; stormwater management; storm drain; lesign; sediment control; roadway improvement des	velop ow i	oment; land planning; water; sa mpact development; environm	initary sewer; o nentallysensiti	dryutilities; permit ve design; paving		
19. F	Relevant Projects						
	(1) Title and Location (City and State)		(2) Year Completed	1			
	City of Laurel Oncall, Prince George's County, MD		Professional Services	Construction (If Applicable)			
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		2015-2017	N/A Check if project performed with curre			
a.	Senior Site/Civil Engineer · Oncall contract that covered any engineering needs that may arise for the City of Laurel. Services included under this contract are new construction, additions, planning, studies, construction documents, construction administration, surveys, annexation, historic district compliance, wetland/environmental, and more. To date, performed at least nine projects, with tasks ranging from pavement non-destructive evaluations, inspections, and environmental assessments to plan reviews, sidewalk and roadway improvements, drainage and trail system repairs, surveying and more. Deliverables have included reports, recommendations, design plans, and construction documents and construction oversight. \$216,000 Collective Contract Fees						
	(1) Title and Location (City and State)		(2) Year Completed				
			Professional Services	Construction (If Ap	pplicable)		
	City of Laurel Citywide Traffic Study, Laurel, N	MD	2021		n-Going		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role						
b.	Senior Site/Civil Engineer · Currently performing a study to determine the need for additional traffic control devices, or engineering design controls, address excessive speeding issues, and provide traffic calming recommendations. Study includes Speed data collection and analysis; Volume data collection and analysis; analysis of the most recent 3-years of crash data; and field observations. Traffic calming measures identified for implementation will be guided by the results of the speed study, roadway geometry, and field observations of all road users (vehicles, pedestrians, bicyclists, and micro mobility devices), City of Laurel Complete Streets Guidelines, and other applicable MDOT SHA best practices applications.\$190,000 Fee						
	(1) Title and Location (City and State)		(2) Year Completed				
	Herald Harbor Fire Station, Anne Arundel County,	,	Professional Services	Construction (If Ap	plicable)		
	MD		On-Going		On-Going		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role				performed with current firm		
C.	Senior Site/Civil Engineer · for the new constructi anticipated LEED® Silver station will also house a communication, and other support spaces. Desig analyze three (3) alternative schemes. Site work a	ame gn se	nities including sleeping quarte ervices included collaboratively	ers, lockers, kit working with	tchen, the architect to		

and dry utilities, and well as the relocation of exterior lighting fixtures, and the extension of gas services from site to

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. Name 13		13. Ro	ole In This Contract	14. Years' Experience			
Anthony J. Dietz, PE, LEED AP		Con	oior Civil Engineer	a. Total	b. With Current Firm		
Antilony 3. Dietz, Pe, Leeb Ap			nior Civil Engineer	35	12		
15. F	irm Name and Location (City and State)						
Ce	ntury Engineering, LLC - Hunt Valley, Maryland						
	ducation (Degree and Specialization)		17. Current Professional Registration <i>(State o</i>	and Discipline)			
	33, BS, Geography, University of Maryland Baltimo unty	re	2006, PE, Maryland, No. 32574 2005, Maryland Erosion & Sed #28189 2008, LEED® Accredited Prof	iment Control	,		
18. C	Other Professional Qualifications (Publications, Organizations, Training, A	wards,	; etc.)				
ect wa fin ma as-	Dietz has served in various capacities during his engineer to project management. He has experiter lines, sanitary sewer systems, storm drainages al), earthwork quantities, state highway improven anagement (both quantity and water quality), floobuilts inspections and certifications. He has been unicipal and state and federal agencies to obtain a	ence syste nent odpla resp	e in the design and preparation ems, erosion and sediment cor plans, temporary trafficcontro ain studies, (local, state and fedo ponsiblefor the processing of p	n of roadand h ntrol,site gradir ol and detour p eral), stormwa	ighway plans, ng (both mass and plans, stormwater ter management		
19. R	elevant Projects						
	(1) Title and Location (City and State)		(2) Year Completed				
	Montgomery County Public Safety Trainin	g	Professional Services	Construction (If Ap			
	Academy Demolition, Montgomery County, MD		2017		2017		
a.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role						
	Senior Civil Engineer · Demolition of all buildings on the project site, grading and site preparation for future development. Responsible for liaison with Montgomery County regulatory staff, and the Berg Corporation; oversight and QA/QC of design effort for grading and erosion and sediment control. \$59,000 Fee						
	(1) Title and Location (City and State)		(2) Year Completed				
	Aberdeen Proving Ground (APG) Building E4010 Canopy/Pavilion, Aberdeen, MD		Professional Services 2017	Construction (If Ap	pplicable) 2018		
b.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role						
	Senior Civil Engineer · Design for a new 30' x 30' prefabricate metal canopy/pavilion on a 36' x 36' concrete pad and included provisions for ADA access, canopy/pavilion lighting, a single electrical outlet and fourteen traffic bollards. In support of the overall design, supplied a topographic survey, grading plan, and design of the concrete pad adjacent to the existing parking lot. \$17,400 Construction Cost						
	(1) Title and Location (City and State)		(2) Year Completed				
	Aberdeen Proving Ground (APG), 3326		Professional Services	Construction (If Ap	plicable)		
	Building ADA Access, MWR Recreational Center, Aberdeen, MD		2019		N/A		
c.	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if project	performed with current firm		
	Senior Civil Engineer · Design of a new ADA accessible ramp/route leading from the facility parking lot to the MW recreational facility, paralleling the existing stairway at Building 3226. The design incorporated a number of ramps and landings enclosed within the associated retaining walls and railings. This assignment was a task within a larg IDQ contract with a goal of enhancing pedestrian movement while containing perimeter security features. \$31,60 Fee						
	(1) Title and Location (City and State)		(2) Year Completed				
	Maryland Zoo in Baltimore Parking		Professional Services	Construction (If Ap			
d.	Improvements and Expansion, Baltimore, MD		On-Going		n-Going		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role						
	Senior Civil Engineer · Design of a creative and enviro and updating pathways, ADA access/accessibility, circ						

walls, street and site lighting, public water main plans, tree inventory plans, SWM facilities, zoning and permitting, landscaping, creation of a contractor's bid package assistance, and assisting with the analysis of the construction

quotes with final recommendations. \$47,200 Fee

RFP	2022-01						
	RESUMES OF KEY PERSONNEL PROPO omplete on Section E for each key person.)	SE	D FOR THIS CONTRACT				
12. Name			le In This Contract	14. Years' Experie	14. Years' Experience		
	ichael I Dievenunci	1	alanava a Avalaita at	a. Total	b. With Current Firm		
M	ichael J. Pieranunzi, pla, leed ap	Lan	dscape Architect	32	13		
15. F	Firm Name and Location (City and State)						
Ce	entury Engineering, LLC - Hunt Valley, Maryland						
16. I	Education (Degree and Specialization)		17. Current Professional Registration (State	e and Discipline)			
	87, BS, Landscape Architecture, est Virginia University		1991, Landscape Architect, M 2009, LEED® Accredited Pro (LEED AP®)				
18.	Other Professional Qualifications (Publications, Organizations, Training, Aw	vards,	etc.)				
ing an de de	r. Pieranunzi, a registered Landscape Architect, par g plans from conceptual design through construct nd land development resulting in creative and envir ecades working on a variety of projects, he has gain evelopment, construction drawings, and site inspec- ents, agency officials, and staff on multiple occasion	tion. ronr ied e ctior	. Mr. Pieranunzi has an extens mentally-sensitive design solu exceptional skills in managing	sive backgrou utions. Aftersp gconceptual (ndin site planning bending nearly three designs, design		
19. [Relevant Projects						
	(1) Title and Location (City and State)		(2) Year Completed				
	Bell Branch Park, Anne Arundel County, MD		Professional Services	Construction (If			
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		2020		N/A ect performed with current firm		
a. 	Project Manager · This project involved the design Bell Branch dog park site. The parking lot was des multipurpose fields and included ADA parking sp planting requirements. \$16,700 Fee	sign	ed to maximize parking for to	ournaments h	neld on the adjacent		
	(1) Title and Location (City and State)		(2) Year Completed				
	Harford County Agricultural Center, Harford County, MD		Professional Services 2016-2017	Construction (If	Applicable) 2018		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role		2010 2017	☐Check if proje	ect performed with current firm		
b.	Landscape Architect · The reconstruction of the historic Joesting-Gorsuch House, renovation of a commercial furniture sales/warehouse to office space for government agencies and associated amenities. Oversaw the preparation of a landscape plan for the proposed site improvements. The design included shade to the proposed parking lots, accentuated the entrance and screens the unsightly views. \$129,000 Fee						
	(1) Title and Location (City and State)		(2) Year Completed				
	Sheridan Circle Concept Landscape/		Professional Services	Construction (If	Applicable) N/A		
	Hardscape Plan, Washington, DC		2017	Piol I is i	<u> </u>		
	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role ☑ Check if project performed with current firm						
C.	Landscape Architect · Analyzed and designed landscape and hardscape improvements to the Sheridan Circle. Designed a concept landscape improvement plan for the vehicular sight lines and pedestrian experience. The pedestrian experience required safe crossing, handicap access and passive park experience. Analyzed the sight lines from the north and south and verified view access to the raised statue. Coordinated with Century's traffic engineers on road improvements and enhanced crosswalks to the circle. Experienced the site and its daily functions The underutilized pedestrian area lacked a sense of setting, orientation to the statue and buffer from the vehicular traffic. \$6,000 Fee						
	(1) Title and Location (City and State)	ļ	(2) Year Completed				
	Metropolitan Branch Trail, Fort Totten,		Professional Services	Construction (If	Applicable)		
	Washington, DC		2017		2018		
ما	(3) Brief Description (Brief scope, size, cost, etc.) and Specific Role			☑Check if proje	ect performed with current firm		

Landscape Architect · esponsible the overall design and construction drawing preparation for the Landscape plans associated with the DDOT Metropolitan Branch Trail. The Fort Totten area trail improvements located from John McCormick Drive to 1st place streets consisting of 4,000 linear feet of improvements. The landscaping plan required multiple design implementations.\$792,900 Construction Cost

National Courts Abatement & Renovation of Chambers, Washington, DC

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each

20. Example Project Key Number

01

21. Title and Location (City and State)

22. Year Completed
Professional Services

Construction (if applicable)

2020-2021

2021

23. Project Owner's Information

General Services Administration

a. Project Owner

b. Point of Contact Name

Jorge Noda (mail@romanaprosperity. | Cell

C. Point of Contact Telephone Number

com - Prime/GC)

Cell: 240-286-2494 / Office: 301-891-9622

24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)

▶ PROJECT TYPE

DELIVERY METHOD

▶ SCOPE

Renovation

Design-Build

▶ SIZE

COST

Varies

\$500,000.00



The National Courts Building is located at 717 Madison Place, Northwest, in Washington, D.C. The original facility was constructed in 1963 and first occupied in 1965. The 224,751 square foot structure serves the United States Court of Federal Claims and the United States Court of Appeals for the Federal Circuit. Although not individually designated historic, the building is considered a resource in the Lafayette Park Historic District. The project goal is to replace the existing ceiling with a new ceiling, grid, lights, HVAC and Fire retardant in numerous Chambers and Work Areas, while the space is fully operational and usable during working hours. There is no intention to change the use of space nor occupancy. Project objectives are also to reconfigure HVAC distribution to mitigate air volume noise and abate all fire retardant above the ceiling and provide new fire retardant. The work for this project is intended to be performed in multiple phases – one chamber at a time. The following points were provided by the design team.

Architecture:

- · Install new 2'x2' drop in ceiling tile system (National Court—Building Standard)
- · Paint Standards
- · Approved finishes by GSA and Client
- \cdot Removed and replaced thermolite windows as needed for abatement work.
- · Float the Mail Area Work Room with single layer of wall board
- · Float all textured masonry walls in Chambers 711 with a single layer of wall board
- · Construct a Law Clerk's office in Chambers 711
- · Replace carpet in Chambers only:
- · Remove and infill abandoned doors in Chambers 711

Mechanical:

- · Install new adjustable type lay in air diffusers (National Court—Building Standard).
- Replace plenum return air diffuser with a 2x2 type (National Court- Building Standard)
- \cdot Ductwork insulation repaired in a manner that will prevent condensation from occurring
- · Reconfigure HVAC distribution in Chambers 708 to mitigate air volume noise

Electrical:

- · Install new 2' x 2' LED lighting (National Court—Building Standard)
- · Replacement lights, grid and tile
- \cdot All outlets and switches shall be replaced with new, including new plates.
- \cdot Add light switch for independent light control of Law Clerk's Office in Chambers 716

Fire/Life Safety:

- · Install new UL listed 2 HR fire rated sprayed on system
- · New retardant will be traced with green and not impact fire rating
- · Calculate need and adjust sprinkler head coverage as needed

25. Firms From Section C Involved With This Project						
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role			
а.	Leuterio Thomas, LLC	National Harbor, MD	Architect / Structural Engineer (Design Lead)			
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role			
b.	Firm Name	City, State	Role			

20. Example Project Key Number

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

▶ SCOPE

02

21. Title and Location (City and State)			22. Year Completed		
New Executive Office Building 6th Flo	Profes	sional Services	Construction (if applicable)		
Washington, DC			2019-2020	2020	
23. Project Owner's Information					
a. Project Owner	b. Point of Contact Name		C. Point of Contact Telephone Number		
General Services Administration	Sean Gaghan (Prime/GC)		703-982-5856		

24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)

PROJECT TYPE	DELIVERY METHOD
Renovation	Design-Build
→ SIZE	→ COST
16,000 SF	\$3 M

LT was tasked to design and renovate the 6th floor based on the tenants specific needs and potential space requirements. There is also a Historic Preservation Requirement that the team had to work with. The space will require containment for the abatement, under this contract, of all asbestos containing materials will be removed the GSA Guidelines attached, shall be followed. The demolition shall include all partitions, including the non-load bearing corridor masonry walls, ceiling, light fixtures, electrical make safe, existing fire alarm, the existing IT above ceiling, existing registers and grills, flex duct, cut and cap plumbing and floor finishes. New Construction shall include, but not be limited to, spray back deck fireproofing, new walls both glass and drywall, new 2X2 suspended ceilings, new LED lighting and power, new flex duct, new registers, grills and associated ductwork, new fire alarm devices and emergency requirements, new IT to work stations, relocation of sprinkler heads per fire alarm code, testing of all systems, painting of all walls, door frames and doors as applicable, a double glass door entry, a

kitchenette and new floor finishes throughout.



The space required a containment for the abatement, which under this contract - all asbestos containing materials was removed per GSA Guidelines. The demolition included all partitions, including the non-load bearing corridor masonry walls, ceiling, light fixtures, electrical make safe, existing fire alarm, the existing IT above ceiling, existing registers and grills, flex duct, cut and cap plumbing and floor finishes. New Construction included - spray back deck fireproofing, new walls both glass and drywall, new 2X2 suspended ceilings, new LED lighting and power, new flex duct, new registers, grills and associated ductwork, new fire alarm devices and emergency requirements, new IT work stations, relocation of sprinkler heads per fire alarm code, testing of all systems, painting of all walls, door frames and doors as applicable, a double glass door entry, a kitchenette and new floor finishes throughout. Mechanical, electrical, environmental, fire protection, and security requirements were also met in this project.

25. Firr	ns From Section C Involved With This Project		
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
a.	Leuterio Thomas, LLC	National Harbor, MD	Architect / Structural Engineer (Design Lead)
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
b.	Firm Name	City, State	Role
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
C.	Firm Name	City, State	Role

20. Example Project Key Number

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

03

21. Title and Location (City and State)

CSA VA 6th Floor Renovation, Washington, DC

22. Year Completed
Professional Services
2019-2020

Construction (if applicable)
2020

23. Project Owner's Information

a. Project Owner b. Point of Contact Name C. Point of Contact Telephone Number

General Services Administration Donald Smith (Prime/GC) (202) 558-9093 / don@hlcg.biz

24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)

PROJECT TYPE	DELIVERY METHOD		
Renovation	Design-Build		
→ SIZE	→ COST		
9000 SF	\$1 M		

→ SCOPE

The Department of Veteran Affairs has gone through the process of relocating various offices from a GSA leased space to the 6th floor of the VA central office at 810 Vermont Ave. NW, Washington, DC. The project goal is to increase the utilization rate and accommodate the increased population. Leuterio Thomas was tasked to provide construction drawings based on the design intent drawings provided. LT's design incorporated all necessary information that created a functional space and took into consideration HVAC, Life Safety, lighting, and power. Final construction documents were prepared to convey the requirements for a successful execution of the construction work. The project was completed in accordance to the following schedule – Design-Build Development Documents, 75% Drawings and Specifications, 100% Draft of Construction Documents, Final Construction Documents, As-Built Construction Documents, and Construction Phasing. The renovation took place in three phases and based on the tenant's moves to swing space. Once substantial completion was done for each phase, staff was then relocated back to the 6th floor. Build out of the space was coordinated with the furniture delivery schedule and the IT work that needed to be done.



Survey and review of the power and lighting requirements and survey of existing electrical panel and circuits were conducted. Existing mechanical systems were also surveyed and load calculations were prepared based on the new occupancy rate. Final floor plan, reflected ceiling plan, fire and safety plan, and other drawings were made sure to indicate fire life safety devices, lighting, and diffuser layouts. Schedule of finishes were developed and included the following – carpet, vinyl wall base, interior paint, doors, frames, window sills, all new switches and receptacles, and door stops. Details and locations of existing power panel and fire alarm panel were also provided. Green Requirements were met via the use of GSA's Key Sustainable Product (KSP) standards and baseline environmental requirements specified in the 2018 GSA P100 Facilities Standards. A/E Fee: \$63,831.35

25. Firn	ns From Section C Involved With This Project		
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
a.	Leuterio Thomas, LLC	National Harbor, MD	Architect / Structural Engineer (Design Lead)
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
b.	Firm Name	City, State	Role
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
C.	Firm Name	City, State	Role

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each

▶ SCOPE

20. Example Project Key Number

04

21. Title and Location (City and State)

PGCPS – Thomas G. Pullen Middle School Windows and Doors Replacement, Landover, MD

22. Year Completed

Professional Services Construction (if applicable)

2015-2019 2019

23. Project Owner's Information

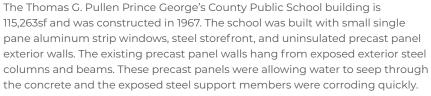
a. Project Owner b. Point of Contact Name C. Point of Contact Telephone Number

Prince George's County Public Schools William Smith 301-952-6534

24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)

PROJECT TYPE	DELIVERY METHOD		
Renovation	Design-Bid-Build		
▶ SIZE	→ COST		

115,263 SF \$2M



The scope of this project was to increase the classroom window sizes, replace all the existing windows with modern insulated double pane systems, waterseal & insulate the precast exterior walls, clean & recoat the corroding steel, clad the building facades with a modern metal panel rain screen, and replace all the exterior storefront doors. The new casement, storefront, and curtainwall window design modernized the look of the building without significant renovation, improved the thermal efficiency of the classrooms, protected the steel & interiors from the elements, and allowed for more natural light in the classrooms. Leuterio Thomas provided full design, cost estimate, permitting, bidding, and construction admin services on this project for PGCPS.





25. Firms From Section C Involved With This Project						
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role			
a.	Leuterio Thomas, LLC	National Harbor, MD	Architect / Structural Engineer (Prime)			
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role			
b.	Firm Name	City, State	Role			

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each

▶ SCOPE

20. Example Project Key Number

05

21. Title and Location (City and State)			22. Year Completed		
	Profes	ssional Services	Construction (if applicable)		
Vista Gardens West, Lanham, MD		On-Going	On-Going		
23. Project Owner's Information					
a. Project Owner b. Point of Contact Name			C. Point of Contact Telephone Number		
NAI Michael Kevin Kennedy			301-459-440	00	
24. Brief Description of Project and Relevance to This	s Contract (Include scope, size, and cost)				

▶ PROJECT TYPE	DELIVERY METHOD	
New Design	Design-Bid-Build	
▶ SIZE	▶ COST	- 1

10,000 SF \$2M

LT has been retained by the client through NAI / Michael to design and integrate a 10,000 SF building consisting of five units and to integrate the design with the landscaped linear park that links the residential with the hotel and retail. Currently, the design drawings are in the concept phase ready for the Detailed Site Plan submission (DSP) for the planning board review.



The design challenge is to combine the urban landscape design with the retail buildings building on the linear park. The design works to providing the visual clues and direction to allow the residents to feel comfortable walking into the retail area, absorbing the features and enjoying the journey as well as the destination.

To achieve the client's goal of getting planning approval, LT has developed the virtual model of the building to ensure a realistic presentation of the building's elevations. Supporting this submission, LT uses LUMION, a photorealistic rendering tool placing the building into a landscaped setting. It provides a series of vignettes to the client either as individual renders or a walkthrough. The design effort provides an exciting project that combines both retail with landscape and master planning services.

25. Firn	ns From Section C Involved With This Project		
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
a.	Leuterio Thomas, LLC	National Harbor, MD	Architect / Structural Engineer (Prime)
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
b.	Firm Name	City, State	Role

20. Example Project Key Number

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

06

project.)				
21. Title and Location (City and State)		22. Yea	r Completed	
MATA On-Call Contract, Various Locations		Profess	sional Services	Construction (if applicable)
WMATA On-Call Contract, Various Locations			On-Going	On-Going
23. Project Owner's Information				
a. Project Owner	b. Point of Contact Name		C. Point of Contact	Telephone Number
WMATA / Gannett Fleming (Prime)	Robert E. St. John		703-307-0453	3
24. Brief Description of Project and Relevance to This Contract (Incl	ude scope, size, and cost)			

- + WMATA New Station Entrance Canopie & Replacement Stairs: As WMATA advances its program to upgrade and replace escalators at exterior locations, it is necessary to provide coverage of escalator wellways to satisfy current code requirements. There are a number of stations on National Park Service (NPS) sites where the addition of canopies had not been permitted. For these locations WMATA issued a task order to develop alternative canopy designs to react to issues raised by the NPS and to develop designs where escalators would be replaced by stairs. Leuterio Thomas was tasked to develop conceptual and final design of new escalator wellway canopies to be added to selected rail stations. LT shall also assist the Authority with the conceptual and final design of stairs to replace escalators at selected rail stations.
- + WMATA New Stair at Shady Grove Station: The scope of work calls for the addition of a new stair from the mezzanine level through the existing well-way opening and on to the platform level. The existing Shady Grove Metrorail station has a below-grade mezzanine at the northern end with a platform above. The existing fare gates and the Station Manager's Kiosk are located on the mezzanine level. Purpose of this task order is to develop construction documents for a new exit at the platform level including fare gates, railing, and stair connecting the platform to the mezzanine levels. \$2M
- + WMATA New Stair at Judiciary Square Station (South Entrance): WMATA would like to improve customers' access to the Judiciary Square Station South Entrance by introducing a stair between the new escalators. As part of WMATA Escalator Replacement Program, the two (2) existing escalators at Judiciary Square South Entrance are being replaced with new ones. The space between the existing escalators is currently covered by a metal enclosure and not used for vertical circulation or any other Metrorail service related purpose. Leuterio Thomas was contracted to design the proposed stair to accompany the new escalators in the existing concrete area. The proposed stair will be compliant with WMATA standards and similar to other metro stations' previously added precast concrete stair projects. \$3M
- + WMATA Full Facility Rehab of 8 Parking Garages & Condition Assessments: LT conducted field investigations and coordinated with WMATA staff as necessary. Leuterio Thomas was tasked to review prior design documents, reports, maintenance records, and Record Drawings provided by WMATA. LT documented existing conditions and the items needing repair.
- + WMATA Design Services for Replacement of Drainage Pumping Stations and Discharge Line Piping: WMATA plans to replace or rehabilitate DPS [drainage pumping stations] including pumps, valves, pump control systems, associated track drainage inflow, suction and discharge line piping and DPS room appurtenances at locations across the Metrorail system.
- + WMATA Rail Station Employee Breakrooms: The WMATA Rail Department has identified a lack of breakroom space for employees. To that end, WMATA issued two Task Orders to evaluate existing Breakrooms and to identify new locations for Breakrooms in existing stations where no Breakrooms existed. Through the process of creating a Program of Requirements, evaluating existing sites and developing conceptual designs and construction cost estimates it was determined that Break Rooms could be developed at various stations.

25. Firn	ns From Section C Involved With This Project		
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
a.	Leuterio Thomas, LLC	National Harbor, MD	Subconsultant - Architect, Structural Engineer
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
b.	Firm Name	City, State	Role

Tasks to date have included the following:

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATION FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each

20. Example Project Key Number

07

137				
21. Title and Location (City and State)		22. Yea	r Completed	
		Profess	sional Services	Construction (if applicable)
City of Laurel On-Call Engineering Serv	rices, Laurel, MD	(On-Going	On-Going
23. Project Owner's Information				
a. Project Owner	b. Point of Contact Name		C. Point of Contact	Telephone Number
City of Laurel, Dept. of the Fire Marshal and Permit Services	Stephen E. Allen, Sr.		301.725.5300	
24. Brief Description of Project and Relevance to This Contract //nc	lude scope, size, and cost)			

Century Engineering, LLC, A Kleinfelder Company (Century) is currently working on this on-call contract that covers any engineering needs that may arise for the City of Laurel. Services included under this contract are new construction, additions, planning, studies, construction documents, construction administration, surveys, annexation, historic district compliance, wetland/environmental, and more. To date, Century has performed 11 specific projects, with tasks ranging from existing hiker-biker trail emergency repairs due to a major washout, sidewalk and roadway improvements, hiker-biker trail bridge replacement design, drainage and other trail system repairs, surveying, existing building HVAC assessment study for replacement units, a city-wide traffic study, and plan/permit review services. Deliverables have included reports, recommendations, design plans, construction documents, and construction oversight.

- + Existing Hiker-Biker Trail Emergency Repairs: Included base repairs at the trail segment location, due to soil erosion at the river's bank; drainage repairs at the trail segment location, by addressing adjacent surface conditions; drainage repairs at the trail segment location, by repairing and/or adding pipes beneath the existing trail for positive drainage; complete removal and replacement of trail, at the trail segment location, due to subgrade failure and/or pavement deterioration/failure. Services included design through construction. \$24.5K
- + Riverfront Park Pedestrian Bridge Replacements: Included removal and replacement, in their existing locations, of two existing pedestrian bridges. Each bridge area was upgraded and/or designed to allow for a small emergency vehicle to be able to cross over each location. Services included design through construction. \$78.6K
- + Granville Gude Park Lighting Replacement Design: Included removal and replacement of existing lighting along the lakeside paths and infrastructure components supporting the City's wi-fi network. Services included design through construction. \$30K
- + City-Wide Traffic Study: This project was composed of two different activities. Part I was an assessment of parking on public streets, and Part II was an evaluation of safety and speeding issues at various locations within the city. Additional studies might include items such as intersection turning movement count (TMC) data collection, traffic signal operations, sight distance evaluations, nighttime

surveys, and intersection characteristic reviews based on configurations or special circumstances. \$190.2K

- + HVAC Equipment Replacement Recommendations: Included developing a performance specification for the replacement of existing equipment, with the exception that some equipment was converted to natural gas. \$29.5K
- + Plan Review Services: Conducted phased plan reviews at various site locations throughout the city. This includes peer reviews of plans submitted by architecture, structural engineering, MEP engineering, and civil engineering firms; performing code research; reviewing construction documents; and issuing final reports and sketches, as necessary, of findings and recommendations. Fee: Hourly

25. Firn	ns From Section C Involved With This Project		
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
a.	Century Engineering, LLC, A Kleinfelder Company	Hunt Valley, MD	Prime - Civil/Site Engineering
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
b.	Firm Name	City, State	Role

(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

80

21. Title and Location (City and State)	Title and Location (City and State)		22. Year Completed				
	erdeen Proving Ground, Aberdeen, MD		sional Services	Construction (if applicable)			
Aberdeen Proving Ground, Aberdeen, M	erdeen Proving Ground, Aberdeen, MD Diject Owner's Information ect Owner artment of Defense artment of the Army b. Point of Contact Name Tilt-up Construction, Inc. General Contractor	9	See Below	See Below			
23. Project Owner's Information							
a. Project Owner	b. Point of Contact Name		C. Point of Contact	Telephone Number			
Department of Defense	Tilt-up Construction, Inc.		410.787.0340)			
Department of the Army	General Contractor						
APG Directorate of	Ms. Cassandra Phillips						
Public Works	cphillips@tiltupinc.com						

24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)

Century Engineering, LLC, A Kleinfelder Company (Century) collaborated with architects and general contractors to complete a variety of projects focusing on land uses introducing civil engineering, environmental, and easement elements to produce effective solutions for the Aberdeen Proving Ground (APG) Campus. Century under the FY 17 Facility Reduction Program, designed enhanced pedestrian ramps, perimeter fencing security features, and demolished aged and underutilized facilities. The Team's designs provides site improvements that better align with APG's current needs.

3326 Building ADA Access, MWR Recreational Center

Century provided land surveying, civil and structural engineering, along with permitting services. A new ADA Accessible ramp/route leading from the facility parking lot to the MWR recreational facility paralleling the existing stairway at Building 3226 was designed and constructed. The design incorporated a number of ramps and landings enclosed within the associated retaining walls and railings. The retaining walls also enclosed several landscape planter structures and were designed to be poured in place Portland cement, requiring a detailed structural design. Landscape plantings were also included in the design of the planter boxes. It was the desire of the owner that the project not require the acquisition of permits from the Maryland Department of the Environment for either stormwater management or erosion and sediment control. Accordingly, Century designed the new structure to disturb less than 5,000 square-feet of surface area and resulted in the excavation or deposition of less than 100 cubic yards of material. Century conducted a topographic survey of the site to complete the preparation of the Final Grading Site Improvement Plan with an associated Erosion and Sediment Control Plan for contractor use. Restriping of the parking lot was required, and the confirmed gradings helped ensure the ADA accessible parking lot was located closest to the walkway and complied with ADA guidelines. Client Contact: Mr. Andrew Reider, Frazier Engineering, Inc., 443.484.2376 (o), 301.922.0864 (m), areider@fraziereng.com; Design: 5/2017-11/2017 Construction: 5/2018-7/2018 Costs: \$31,824 Fee; \$263,000 Century Portion of Construction

Building and Museum Demolition 17-102

Century provided civil engineering services for the demolition of a number of WW2 era structures and the associated removal of approximately 100 concrete vehicle pads at the recently decommissioned U.S. Army Ordnance Museum, formerly located at Aberdeen Proving Ground. This civil engineering effort consisted of the preparation of an Erosion and Sediment Control Plan to cover the demolition work for both areas and the submittal of those plans to the Maryland Department of the Environment (MDE) for approval. Along with the Erosion and Sediment Control Plans a stormwater management (SWM) analysis package was prepared and submitted to the MDE to document that State and Federal SWM requirements were being met through the reduction in impervious area. Approval for this facet was also garnered from MDE. **Client Contact:** Ms. Cassandra Phillips, Tilt-Up Construction, 410.787.0350, cphillips@tiltupinc.com **Design:** 6/2019 **Costs:** \$38,000 Fee, \$353,000 Cost

Perimeter Fencing at Bldg E1454

Century provided civil, survey, structural and electrical engineering services for the replacement of approximately 1,000 linear feet of chain link fence with razor wire and mow strip around Site E1454. Civil services consisted of design and construction documents including Ste Plan, progress meetings and construction administration services. Survey services consisted of performing field run topographic survey of the site and preparation of base plans to be used for design services. Structural services consisted of foundation design construction plans, specifications and construction administration services. Electrical Services consisted of fence grounding design, construction plans, specifications and construction administration services. Client Contact: Mr. Andrew Reider, Frazier Engineering, Inc., 443.484.2376 (o), 301.922.0864 (m), areider@fraziereng.com; Design: 1/2019Construction: 3/2019 Costs: \$300,000 Construction

25. Firm	25. Firms From Section C Involved With This Project					
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role			
а.	Century Engineering, LLC, A Kleinfelder Company	Hunt Valley, MD	Civil, Structural, and Electrical Engineering, and Land Surveying			
1.	(1) Firm Name	(2) Firm Location (City and State)	(3) Role			
b.	Firm Name	City, State	Role			

(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

09

21. Title and Location (City and State)

Anne Arundel County Facilities Infrastructure Study, Anne Arundel County, MD

 22. Year Completed

 Professional Services
 Construction (if applicable)

 2017-2018
 N/A

23. Project Owner's Information

a. Project Owner

Anne Arundel County, Maryland Client - Bignell, Watkins, Hasser Architects b. Point of Contact Name

C. Point of Contact Telephone Number

Robert Fernandez, PE

PWFern83@aacounty.org 410.222.7620

410.2

24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)







25. Firms From Section C Involved With This Project

Century Engineering, LLC, A Kleinfelder Company (Century) provided the mechanical, electrical, and plumbing engineering services for an infrastructure study of 27 buildings in Anne Arundel County, Maryland. The study's purpose was to determine the adequacy of current and future infrastructure needs and general locations of required improvements with prioritization based on level of deterioration.

The facilities involved included:

- +County Court House
- +Arundel Center
- +Emergency Operations Center
- +Heritage Office building
- +Police department headquarters
- +Three police stations
- +Animal Control facility
- +Fire Department headquarters
- +Fire training school
- +Nine fire stations
- +Garage complex
- +Health Department building
- +Library headquarters

The Emergency Operations building was built in 1986 and encompasses 250,132 gross square feet over five stories. It is a converted movie theatre/parking garage. Repairs were indicated for HVAC, building electrical and service distribution, fire suppression, special electrical systems and emergency power, and replacement of rooftop units.

The Heritage Complex is comprised of four four-story buildings totaling 60,000 gross square feet. The buildings had many code issues and poor HVAC distribution. As part of the final report, Century recommended repairs or changes to: emergency egress lighting, ventilation, air conditioning, plumbing, building electrical systems and emergency power, fire safety systems, and packaged rooftop units.

The Arundel Center was built in 1965 and encompasses 119,250 gross square feet over five-stories. Suggested repairs were provided in prioritized order and included emergency egress lighting, fire safety system, fire suppression, and ADA considerations.

Many other recommendations were made in the final report to the County, including areas such as masonry work, fall protection, overhead doors, rooftop ladders, interior finishes, and waterproofing.

Fee: \$42,300

	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
a.	Century Engineering, LLC, A Kleinfelder Company	Hunt Valley, MD	Subconsultant - Mechanical, Electrical, and Plumbing Engineering
b.	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
۵.	Firm Name	City, State	Role

Columbia Association

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATION 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

10

21. Title and Location (City and State)		22. Year Completed				
Columbia Association Athletic Club, Columbia, MD		Profess	sional Services	Construction (if applicable)		
		2	2016-2018	2017-2019		
23. Project Owner's Information						
a. Project Owner	b. Point of Contact Name	C. Point of Contact Telephone Number		Telephone Number		

Mr. Dennis Mattey

24. Brief Description of Project and Relevance to This Contract (Include scope, size, and cost)



Century Engineering, LLC, A Kleinfelder Company (Century) is provided engineering services for the renovation of this 33,700 square-foot Community Athletic and Fitness club. This multiphase project modernized the athletic center with an open ceiling concept.

410.381.0591

The renovation was scheduled to be performed in two phases, with a three-week window, within Phase I, when the center was shut down. Close coordination of the design and phasing was provided to accomplish the limited three-week shutdown. Century staff was made available for on-site review of work, within two hours' notice to help keep the project moving during the limited shutdown.

The renovation addresses:

- +Make-up air deficiencies by increasing the amount of outside air to the building +Coordination of plumbing connections within the existing mains within the
- +Coordination of plumbing connections within the existing mains within the building
- +Design of power branch circuits, within the facility, utilizing existing panelboards
- +Design of lighting system
- +Addresses humidity issues by providing active dehumidification controls to the building
- +Addition and renovation to the main entry lobby, circulation, locker room, sauna and whirlpool area withnew lighting, fire alarm, power, and low voltage systems

\$107,575 Fee

25. Firn	ns From Section C Involved With This Project		
	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
a.	Century Engineering, LLC, A Kleinfelder Company	Hunt Valley, MD	Prime - Mechanical, Electrical, and Plumbing Engineering
b.	(1) Firm Name	(2) Firm Location (City and State)	(3) Role
	Firm Name	City, State	Role

	s of Key Personnel tion E. Block 12)	27. Role in this Contract (From Section E, Block 13)	(Fill in	"Exampl	e Projec	ts Key" s			lace			
. 10111 360		(, , sitt section 2, block is)	01	02	03	04	05	06	07	08	09	10
Grahar BD+C	m Thomas, AIA, RIBA, LEED AP	Principal-In-Charge / Project Manager	X	X	X	X	X	X				
Robert	Tarbell, AIA, NCARB, NCIDQ	Lead Architect	X	X	X							
Andrea	a Katigbak, AIA	Architectural Project Designer		X		X		X				
Christi	e Melgar, ASSOC. AIA	Architectural Project Designer				X	X					
Tyrone	e Hinton, Jr., ASSOC. AIA	Architectural Project Designer	X	X			X					
Michae	el J. Pieranunzi, PLA, LEED AP	Landscape Architect										
Hedy L	Thomas, PE	Lead Structural Engineer				X	X	X				
Scott C	Grover, PE	Senior Structural Engineer				X	X	X				
Shane	Alolod	Structural Engineer						X				
Matthe	ew Steiner, PE, LEED AP BD+C	MEP Engineer Manager										
Andrew H. Jun, PE		Mechanical Engineer										X
Scott M. Menegatti, PE, LEED AP		Senior Electrical Engineer									X	
Piero "Pete" Mellits, PE, LEED AP		Senior Site/Civil Engineer							X			
Anthor	ny J. Dietz, PE, LEED AP	Senior Civil Engineer								X		
· ·	lle Projects Key											
Number	Title of Example Project (From Section F)	Donovation of Chambar	/1 :	5-								
01	National Courts Abatement &	<u> </u>				a+						
02	New Executive Office Buildin GSA VA 6th Floor Renovation	<u> </u>	ei i iiZa		vasnin	gton, L						
03	PGCPS – Thomas G. Pullen M	·	nore	Renla	ceme	nt in	ndove	r MD				
05	Vista Gardens West, Lanham, M			СРіа		c, Ld	.14076	, ITIU				
06	WMATA On-Call Contract, Vari											
07	City of Laurel On-Call Engine											
08	Aberdeen Proving Ground, Ak	_										
09	Anne Arundel County Facilitie		Arunde	el Count	v. MD							
-					5,							

H. ADDITIONAL INFORMATION

30. Provide any additional information requested by the agency. Attach additional sheets as needed.

Leuterio Thomas

Leuterio Thomas (LT) was established in March 2000 by Hedy Leuterio Thomas as a woman owned minority small business. The company primarily started off as a structural engineering firm, but then eventually became both a full structural engineering and architectural firm.

LT's philosophy is to provide quality and excellence through hard work and dedication to the client. The company encourages the professional development of its staff and fosters an environment of care and concern to produce a design product that reflects the company's values.

Through Leuterio Thomas' determination and capabilities, this has led them to complete a wide range of projects. From federal office building renovations to becoming Associate Structural Engineer for MGM National Harbor and the new DC Water Headquarters, to being Architect of Record for the new Potomac Yard Metrorail Station - whatever the scale of the project, LT brings a requisite level of diligence to achieve the budget, scope and schedule. What differentiates Leuterio Thomas among others, is not what they can do but what they can deliver. LT's track record with new and returning clients, proves that the services provided is worth the trust given. Whether as prime or subconsultant, LT assures full commitment to the task at hand, not only promising quality work but also developing a rapport with all involved. And that is the value not only added but embedded in the team. Through the use of the latest BIM technology, the design team works on coordinated three dimensional models. And through the use of Newforma, projects are managed and all information tracked from design through construction. LT utilizes Lumion and VR technology with HTC Vive to allow the client to understand through immersion.

The LT Team has extensive experience in multi-tasking on projects and meeting competing deadlines. LT works closely with the client establishing the required schedule, monitoring key milestones, and being flexible when it comes to adjusting schedules based on client reviews. Highlighted on the following pages are IDIQ or On-Call contracts that Leuterio Thomas and the Team has done or is currently working on. The FDA IDIQ experience proves LT's capabilities of working on task orders across the U.S. ranging from office renovations, space planning, to structural studies for FDA labs – Leuterio Thomas has successfully produced for those projects.

Another example of LT Team's capacity to accomplish multiple task orders simultaneously is LT's contract with Prince George's County Public Schools (PGCPS). A contract that required work (window and door replacements) on four different schools all at the same time. Leuterio Thomas organized the staff into different groups to first conduct surveys and then to produce drawings. These individual projects required design, permitting and bidding – all in which LT delivered to the client successfully. With WMATA, LT approaches the task orders the same way – with team organization and management implementation. WMATA task orders vary from one task order focusing on one area, and at other times one task order can focus on multiple locations. For example, WMATA's sixteen platform rehabilitation project, LT was tasked to survey numerous platforms all across the metropolitan area, during different times of the day, and at the same time be able to meet deliverables that are up to WMATA's standards. LT has handled WMATA projects efficiently and effectively, which is why it has been over ten years that LT has been continuing to provide WMATA with quality work.

For ID/IQ or On-Call Contracts, LT has a different function in how resources are assigned and how each task is managed compared to stand alone projects to help ensure quality control. LT has a Project Manager that is responsible for the direct relationship with the client's contracting officer. Graham Thomas will perform the role of project manager and will work to develop the specific management plan. The LT Team can accomplish multiple projects at the same time.

LT On-Call Experience:

WMATA
Food and Drug Administration
Verizon
FBOP
Prince George's County Public Schools
Maryland Judiciary

H. ADDITIONAL INFORMATION

30. Provide any additional information requested by the agency. Attach additional sheets as needed.

Century Engineering

Century Engineering, LLC, a Kleinfelder Company (Century) is a multidisciplinary consulting firm engaged in planning and design and construction management and inspection of a variety of projects for public and private agencies in the transportation, environmental and facilities industries. Century Engineering, LLC, and all affiliates - as of November 15, 2021- were acquired and have become part of the Kleinfelder, Inc. organization. Founded in 1961, Kleinfelder is a leading engineering, design, construction management, construction materials inspection, and testing firm. Together, we now employ over 3,000 professionals and operate from over 100 office locations in the U.S., Canada, and Australia.

An on-call or open-end contract requires a consultant to have easy access to a variety of different professionals required to respond effectively to any type of A/E design project that arises. Century has extensive, recent experience in the management and execution of multidisciplinary assignments under indefinite delivery or on-call services contract arrangements. We have performed assignments of this type for municipal engineering, and facilities development and rehabilitation, military, industrial, recreational, commercial, other public sector and private sector clients on utility work, housing assignments, waterfront design work, industrial expansion and remediation for a wide range of satisfied clients.

Century has a long history of providing the renovations, upgrades, and additions necessary to enable municipalities to best serve their communities. We understand the unique challenges involved with maintaining and improving infrastructure without disrupting daily life, and our clients rely on us time and time again to bring their projects to fruition. Century can assist with upgrading existing systems or implementing new systems for many of your needs, including wastewater systems, community facilities, environmental planning, transportation engineering, and master planning.

Additionally, Century has experience working with local governments along the Eastern Shore. Having worked with the likes of Queen Anne's County and Wicomico County, we are familiar with the challenges they face including unique historical and environmental sensitivities and seasonal fluxuations in population.

Century On-Call Experience:

Anne Arundel County Charles County Baltimore County Carroll County Harford County

Cecil County

Frederick County

Prince George's County

Montgomery County

City of Baltimore

City of Laurel

Sussex County, Delaware

Town of Camden, Delaware

Maryland-National Capital Park and Planning Commission

Columbia Association

Delaware Department of Natural Resources and Environmental Control (DNREC)

Delaware River & Bay Authority (DRBA)

I. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.							
31. Signature	32. Date 05/24/2022						
33. Name and Title							

Hedy L. Thomas, PE | President/Owner

ARCHITECT-ENGINEER QUALIFICATIONS

1. Solicitation Number (if any)

DED 2022-01

									RFP A	2022-01
PART II - GENERAL QULALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.)										
2a. Firm (or Branch Office) Name 3. Year Established 4. Unique Example 1									Entity Identifier	
Leuterio Thomas, LLC 2000 85973538									888	
2b. Street 5. Ownership										
6710 Oxon Hill	Road, Suite 300						a. Type			
2c. City		2d. State			2e. Zip C	Code	LLC			
National Harb	or	MD			20745		b. Small Busi	ness Status		
- National Harb		IVID			20743		WOSB, MBE, DBE, WBE, SBR			
6a. Point of Contac	ct Name and Title						7. Name of Firm (If Block 2a is a Branch Office)			Office)
Hedy L. Thom	nas, PE President/Owner			-			N/A			
6b. Telephone Nur	mber	6c. Email Add	Iress							
301-203-1784		hedy@leu	terio	othomas.co	om					
8a. Former Firm N	ame(s) (If any)					8b. Year Established		8c. Unique Er	ntity Identifi	er
N/A						N/A		N/A		
9. Empoyees by Di	scipline				10. Profi	le of Firm's Experienc	ce and Annual	Average Reven	ue for Last 5	Years
a. Function Code	b. Discipline	c. Number	of En		a. Profile	b. Experience				c. Revenue Index Number
		(1) Firm		(2) Branch	Code					(see below)
02	Administrative	3		0	L01	Laboratories; M		rch Facilities	5	4
06	Architect	8		0	H08	Historical Prese	ervation			1
48	Project Manager	3		0	H09	Hospital & Med				2
57	Structural Engineer	4		0	HII	Housing (Resid	Residential, Multi-Family; Apartments; niums)			2
	Total	18		0	105	Interior Design	sign; Space Planning			4
10. Profile of Firm's	Experience and Annual Average Rever	ue for Last 5	Years		M08		dular System Design; Pre-Fabricated uctures or Components			1
a. Profile Code	b. Experience		Inde	evenue ex Number e below)	R03	Railroad; Rapit	Railroad; Rapit Transit			5
All	Auditoriums & Theaters		3		R06	Rehabilitation	(Buildings; St	ructures; Fac	cilities)	3
C10	Commercial Building (low rise); S Centers	Shopping	2		R08	Research Facili	Research Facilities			3
C11	Community Facilities		1		R12	Roofing	Roofing			3
C13	Computer Facilities; Computer S	ervice	2		S09	Structural Desi	Structural Design; Special Structures			5
C15	Construction Management		1		S11	Sustainable De	Sustainable Design			3
C17	Corrosion Control; Cathodic Prot Electrolysis	ection;	2		T06	Tunnles & Subv	Tunnles & Subways			1
D04	Design-Build - Preparation of Re	quests for	4		J01	Judicial and Co	Judicial and Courtroom Facilities			2
E02	Educational Facilities; Classroom	ıs	5		001	Office Building	ıs, Industrial I	Parks		3
E05	Elevators; Escalators; People Mov	/ers	2		P13	Public Safety F	acilities			2
F05	Forensic Engingeering		1		P08	Prisons & Corre	ctional Facili	ties		2
Garages; Vehicle Maintenance Facilities; Parking Decks					A08	Animal Facilitie	es			3
11. Annual Average Professional Services Revenues of Firm for Last 3 Years (Insert revenue index number shown at right)				fessional Servi	ces Rever	nue Index Number				
a. Federal Work 6				ess than \$100,0				to less than \$5		
b. Non-Federal Work 5			3. \$2	100,000 to less 250,000 to less	than \$50	00,000	8. \$10 millior	to less than \$10 to less than \$2	25 million	
c. Total Work 6				4. \$500,000 to less than \$1 million 9. \$25 million to less than \$50 million 5. \$1 million to less than \$2 million 10. \$50 million or greater						
12. Authorized Representative The foregoing is a statement of facts.										
a. Signature b. Date 05/23/2022										
c. Name and Title	1									

ARCHITECT - ENGINEER QUALIFICATIONS

2022-01

PART II – GENERAL QUALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.)								
2a. FIRM (or Branch Office) NAME					4. UNIQUE ENTITY IDENTIFIER			
Century Engineering, L	LC			2021	06-487-5420			
2b. STREET					WNERSHIP			
10710 Gilroy Road				a. TYPE				
				Corporation (LLC)				
2c. CITY		2d. STATE	2e. ZIP CODE	. ,	THE			
Hunt Valley		MD	21031	b. SMALL BUSINESS STATUS				
6a. POINT OF CONTACT NAME AN	ND TITLE	-		Not Applicable				
Kent Hoffman, PE, LEED	AD® CDT Vice Prod	sidont		7. NAME OF FIRM (If Block 2a is a Branch Office)				
Rent Hollman, FE, LEED	AF®, CD1, VICE FIES	siderit						
6b. TELEPHONE NUMBER	6c. E-MAIL ADDRESS			The Kleinfelder Group, Inc.				
443.589.2400	khoffman@kleinfelde	The rue mercer Group, mer						
88	a. FORMER FIRM NAME(S) (if	any)		8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER			
Century Engineering, Ir	nc.			1974	06-487-5420			

	9. EMPLOYEES BY DISCIPLINE 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS							
a. Function Code	b. Discipline	c. Number of Employees (1) Firm (2) Branch		a. Profile Code		c. Revenue Index Number (see below)		
06	Architect	16		B02	Bridges	6		
07	Biologist	65		C10	Commercial Building (low rise); Shopping Centers	2		
80	CADD Technician	165	47	C15	Construction Management	9		
12	Civil Engineer	176	15	E03	Electrical Studies and Design	5		
15	Construction Inspector	252	35	E07	Energy Conservation; New Energy Sources	1		
16	Construction Manager	63	7	E11	Environmental Planning	3		
19	Ecologist	60		E12	Environmental Remediation	4		
21	Electrical Engineer	23	4	G02	Gas Systems (Propane, Natural, etc.)	4		
23	Environmental Engineer	82		G04	Geographic Information System Services	6		
24	Environmental Scientist	170	10	H04	Heating; Ventilating; Air Conditioning	5		
27	Foundation/Geotechnical Engineer	138	2	H11	Housing	5		
30	Geologist	113	1	O01	Office Buildings; Industrial Parks	1		
34	Hydrologist	15		P07	Plumbing and Piping Design	4		
36	Industrial Hygienist	11		S09	Structural Design; Special Structures	4		
38	Land Surveyor	65	22	S10	Surveying; Platting; Mapping; Flood Plain Studies	5		
40	Materials Engineer	16		S13	Storm Water Handling and Facilities	6		
48	Project Manager	77		T03	Traffic and Transportation Engineering	8		
57	Structural Engineer	63	11	T04	Topographic Surveying and Mapping	3		
58	Technician/Analyst	257		W01	Warehouses and Depots	2		
60	Transportation Engineer	62	21	W02	Water Resources; Hydrology; Ground Water	7		
62	Water Resources Engineer	68	13	W03	Water Supply; Treatment and Distribution	5		
	Other Employees	661	64					
	Total	2,618	252					
	11. ANNUAL AVERAGE PROFESSIONAL				DDOEESCIONAL SERVICES DEVENUE INDEV NUMBER			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)

a. Federal Work

b. Non-Federal Work

10

c. Total Work

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- 1. Less than \$100,000
- 2. \$100,000 to less than \$250,000
- 3. \$250,000 to less than \$500,000
- 4. \$500,000 to less than \$1 million
- 5. \$1 million to less than \$2 million
- \$2 million to less than \$5 million
- 7. \$5 million to less than \$10 million
- 8. \$10 million to less than \$25 million
- 9. \$25 million to less than \$50 million
- 10. \$50 million or greater

a. SIGNATURE

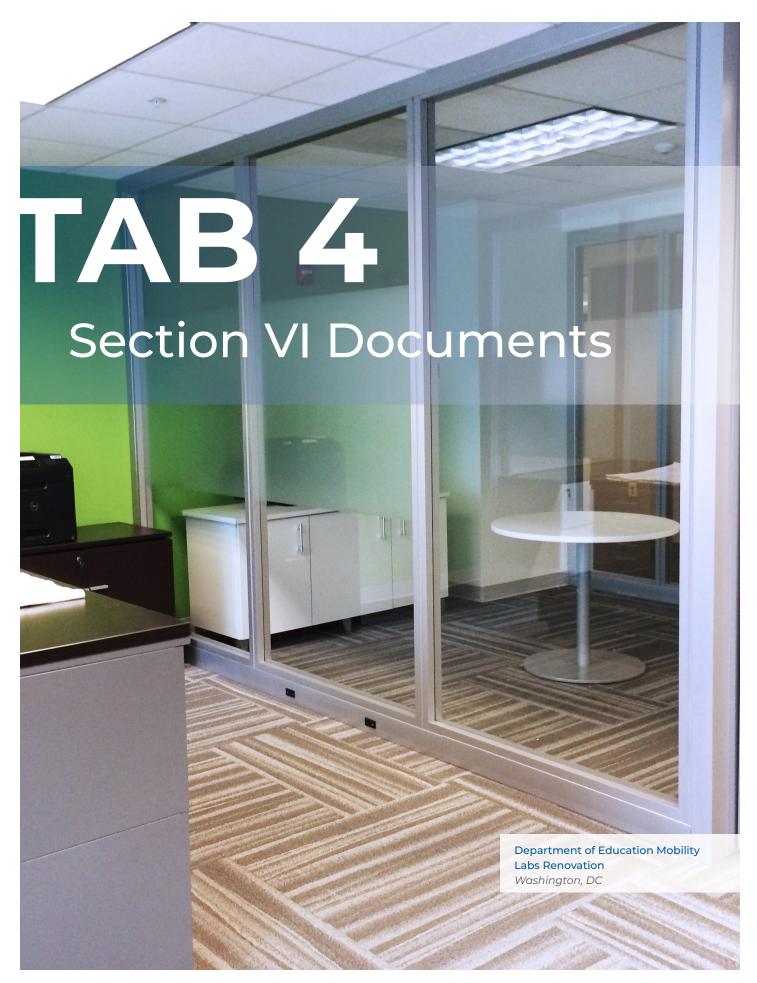
a. SIGNATURE

b. DATE

May 18, 2022

Kent Hoffman, PE, LEED AP®, CDT, Vice President





FORM OF PROPOSAL

Date: 05/24/2022

To Whom It May Concern:

We hereby submit our Proposal Documents for "ARCHITECTURAL / ENGINEERING (A/E) TEAM PROFESSIONAL SERVICES" as indicated in the Proposal Documents.

Having carefully examined the Proposal Documents and having received clarification on all items of conflict or upon which any doubt arose, the undersigned hereby requests consideration of our Vendor for award of the referenced Contract.

Hourly Billing Rates are inclusive and shall include overhead and profit. Expenses will be negotiated for each specific task order on a task-by-task basis.

CONSULTANT KEY TEAM MEMBER H	OURLY BIL	LING		
ARCHITECT & STRUCTURAL EN	IGINEER -	RATE	SITE/CIVIL ENGINEER & LANDSCAPE ARCHITECT -	RATE
Principal, Architect IV \$_	225.00	_/Hr.	Vice President \$ 200.00	_/Hr.
Associate, Architect IV \$_	175.00	_/Hr.	Principal Engineer \$ <u>185.00</u>	_/Hr.
Project Manager \$_	205.00	_/Hr.	Associate \$ <u>155.00</u>	_/Hr.
Architect III \$_	145.00	_/Hr.	Senior Project Manager/Project Eng. \$ 145.00	_/Hr.
Specifications \$_	165.00	_/Hr.	Senior Engineer/PM/Project Eng. \$ 130.00	_/Hr.
QA/QC\$_	185.00	_/Hr.	Engineer II \$ <u>124.00</u>	_/Hr.
President, Structural Engineer IV \$_	252.00	_/Hr.	Engineer I \$ <u>110.00</u>	_/Hr.
Structural Engineer III \$_	205.00	_/Hr.	Project Designer \$ <u>95.00</u>	_/Hr.
Structural Engineer II \$_	165.00	_/Hr.	Principal Landscape Architect \$ <u>150.00</u>	_/Hr.
Structural Engineer I \$_	125.00	_/Hr.	Senior Landscape Architect \$_110.00	_/Hr.
Project Coordination \$_	125.00	_/Hr.	Landscape Architect \$ <u>95.00</u>	_/Hr.
Project Admin \$_	105.00	_/Hr.	Landscape Designer \$ <u>85.00</u>	_/Hr.
MEP EN	IGINEER -	RATE	Process Specialist \$ 125.00	_/Hr.
Division Manager or Officer \$_	215.00	_/Hr.	Administrative/Clerical \$ <u>64.00</u>	_/Hr.
Chief Engineer \$_	190.00	_/Hr.		
Senior Engineer \$_	165.00	_/Hr.		
Engineer III/Senior Designer \$_	155.00	_/Hr.		
Engineer II \$_	130.00	_/Hr.		
Engineer I/Construction Admin. \$_	120.00	_/Hr.		
Designer II \$_	105.00	_/Hr.		
Designer I \$_	95.00	_/Hr.		
Drafter \$_	85.00	_/Hr.		
Administrative Assistant II \$_	85.00	_/Hr.		
Administrative Assistant I \$_	75.00	_/Hr.		

Provide additional sheets as necessary for expenses such as travel, etc.

Hedy L. Thomas, PE

Printed Name

Signature

Name of company

Leuterio Thomas, LLC

Address

6710 Oxon Hill Rd., Suite 300

City, State, Zip

National Harbor, MD 20745

REFERENCES

List three (5) references for projects successfully completed in the last five (5) years.

References should also include the local government point of contact in each community/project referenced as well as other key organizations which are familiar with this project.

Type of Project: Renovations

Company Name: Prince George's County Public Schools

Address: 13300 Old Marlboro Pike, Rm 10

City, State, Zip Code: Upper Marlboro, MD 20772

Contact Person: William Smith
Telephone Number: 301-952-6534

Dates of Service: 2015 - Present/On-Going

Date of Project Completion: Varies Local Gov't Contact for Project:

Key Organization Contact:

Type of Project: Renovations, New Designs

Company Name: Gannett Fleming
Address: 800 | Street NW, Suite 600

City, State, Zip Code: Washington, DC 20001

Contact Person: Robert E. St. John
Telephone Number: 703-307-0453
Dates of Service: Present/On-Going

Date of Project Completion: Varies
Local Gov't Contact for Project:

Key Organization Contact:

Type of Project: Renovations

Company Name: Gaghan Mechanical

Address: 5601 N General Washington Drive

City, State, Zip Code: Alexandria, VA 22312

Contact Person: Sean Gaghan
Telephone Number: 703-969-9105

Date of Service: Present/On-Going Date of Project Completion: Varies

Local Gov't Contact for Project:

Key Organization Contact:

Type of Project: New Design
Company Name: Smithgroup

Address: 1700 New York Avenue NW, Suite 100

City, State, Zip Code: Washington, DC 20006

Contact Person: Sven Shockey

Telephone Number: 202-974-5188 / 202-549-6017 (C)

Date of Service: 2016-2019

Date of Project Completion: 2019

Local Gov't Contact for Project:

Key Organization Contact:

Type of Project: New Design

Company Name: Walker Consultants

Address: 565 E. Swedesford Rd., Suite 300

City, State, Zip Code: Wayne, PA 19087

Contact Person: James W. Pudleiner

Telephone Number: 484-253-0318 / 610-995-0260

Date of Service: 2018-2021

Date of Project Completion: 2021

Local Gov't Contact for Project:

Key Organization Contact:

Hedy L. Thomas, PE

Print Name Signate

EXCEPTIONS AND ADDENDA

The undersigned hereby certifies that, except as listed below, or on separate sheets attached hereto, the enclosed Proposal Document covers all items as specified.

EXCEPTIONS:				
If none, write NONE)	NONE	 		

THE VENDOR HEREBY ACKNOWLEDGES RECEIPT OF THE FOLLOWING ADDENDA.

Number/Date/Initials

Email/Question 1 / 5/16/2022*

*No formal addendum was issued, but questions submitted were answered via email.

Email/Question 2 / 5/17/2022*

Email/Question 3/5/17/2022*

Hedy L. Thomas, PE

Print Name

Signature

OWNERSHIP DISCLOSURE FORM

COMPANY NAN	иє: <u>Leuteric</u>	Thomas, LLC	TYPE OF COMPANY (circle one):				
ADDRESS:	6710 Oxo	n Hill Rd.	*Sole Proprietorship				
	Suite 300)	*Partnership				
	National	Harbor, MD 20745	*Corporation				
FEIN#: 52-22	30293		*Limited Liability Corporation				
		v the names, offices held and a essary, provide on an attache	any ownership interest of all officers of the d sheet.				
			OWNERSHIP INTEREST				
NAME		OFFICE HELD	(Shares Owned or % of Partnership)				
Hedy L. Tho	mas, PE	President/Owner	100%				
	nd any partner		ownership interest of all individuals not her owner having a 10% or greater interest				
10% or more in	terest in that o	corporation or partnership. If a	ow the same information for the holders of dditional space is necessary, provide that ith 10% or more interest in your firm, enter				
			OWNERSHIP INTEREST				
NAME		OFFICE HELD	(Shares Owned or % of Partnership)				

RFP 2022-01 Architectural / Engineering (A/E) Professional Services 28

CONTRACTOR'S AFFIDAVIT OF QUALIFICATION TO BID
I HEREBY AFFIRM THAT:
ı, <u>Hedy L. Thomas, PE</u> am the <u>President/Owner</u>
(Printed Name) (Title)
and the duly authorized representative of the Vendor of Leuterio Thomas, LLC whose address is
(Name of corporation) Leuterio Thomas, LLC - 6710 Oxon Hill Rd., Suite 300
National Harbor, MD 20745
and that I possess the legal authority to make this affidavit on behalf of myself and the Vendor
for which I am acting.
Except as described in paragraph 3 below, neither I nor the above Vendor, nor to the best of my
knowledge and of its officers, directors or partners, or any of its employees directly involved in
obtaining contracts with the State or any county, bi-county or multi-county agency, or
subdivision of the State has been convicted of, or have pleaded nolo-contendere to a charge
of, or have during the course of an official investigation or other proceeding admitted in writing
or under oath acts or omissions which constitute bribery, attempted bribery, or conspiracy to
bride under the provisions of Article 27 of the Annotated Code of Maryland or under the laws
of any state or federal government (conduct prior to July 1, 1977 is not required to be
reported).
(State "none" or, as appropriate, list any conviction, plea or admission described in paragraph 2
above, with the date, court, official or administrative body, the individuals involved and their
position with the Vendor, and the sentence or disposition, if any.) NONE
I acknowledge that this affidavit is to be furnished to the City, I acknowledge that, if the
representations set forth in this affidavit are not true and correct, the City may terminate any

RFP 2022-01 Architectural / Engineering (A/E) Professional Services 29

Contract awarded and take any other appropriate action. I further acknowledge that I am executing this affidavit in compliance with section 16D of Article 78A of the Annotated Code of Maryland, which provides that certain persons who have been convicted of or have admitted to bribery, attempted bribery or conspiracy to bribe may be disqualified, either by operation of law or after a hearing, from entering into contracts with the State or any of its agencies or subdivisions.

I do solemnly declare and affirm under the penalties of perjury that the contents of this affidavit are true and correct.

Hedy L. Thomas, PE

Print Name Signature





ARCHITECTS ENGINEERS INTERIORS PLANNING GREEN DESIGN

Request for Proposal 2022-01

City of Glenarden, Maryland Architectural/Engineering Professional Services

To:

Office of the City Manager Glenarden, MD

Date:

May 27, 2022

Offerer:

Arium AE, LLC 5537 Twin Knolls Road, Suite 435, Columbia, MD 21045 www.ariumae.com

Project Contact: Brian Frels brianf@ariumae.com 410.730.2300

1. COVER LETTER

May 27, 2022

Office of the City Manager 8600 Glenarden Parkway Suite 226 Glenarden, MD 20706

RE: Request for Proposals 2022-01, Architectural / Engineering (A/E) Professional Services

Dear Consuella M. Barbour and Members of the Selection Committee,

It is with great pleasure and excitement that on behalf of Scott Walthour, Stephanie Bounds Nunn, and Myself, Brian Frels, I submit this proposal for Arium AE, LLC's Architectural & Engineering Design team for consideration for the above referenced RFP.

Arium AE is an established and growing, mid-sized Architectural and Engineering (AE) design firm located in Columbia, MD. Utilizing our in-house team of 35 professional Architects, Interior Designers, Space Planners, and MEP Engineers, we've garnered a reputation for providing highly integrated designs in an efficient and expeditious manner. Arium has been headquartered in Howard County since 1988 and is uniquely focused and skilled at providing a wide range of professional design services within the local and surrounding areas, Including Prince George's County.

As the Prime proposer, Arium intends to provide all Architecture and MEP Engineering Design services under this contract. We have teamed with our long term partners KCI Technologies and GPI (Holbert Apple Associates recently joined forces with the GPI Team). We've partnered with these firms because they share in Arium's culture of collaboration, client service oriented design, and have years of experience performing similar projects. As the Prime proposer we are supremely confident in our ability to perform as Glenarden's sole point of contact and lead this team of highly qualified professionals in service to the City.

Our goal is to ultimately become one of Glenarden's most trusted A&E vendors, and we will gladly accept each task as an opportunity to demonstrate our level of service and commitment to your goals.

We are available at your convenience to discuss how best we can serve you and your teams. Please do not hesitate to contact me directly if there is anything Arium can assist you with. Thank you for your time and consideration.

We acknowledge receipt of answered RFP questions via email, on May 16, 2022 and May 17, 2022.

Very truly yours,

Brian Frels, AIA, NCARB Principal

brianf@ariumae.com

410.730.2300

2A. SCOPE OF SERVICES & PROJECT UNDERSTANDING 2B. PROJECT APPROACH

2A. SCOPE OF SERVICES & PROJECT UNDERSTANDING

Arium AE, LLC (Arium), the prime for this contract opportunity, is a mid-sized Architectural and Engineering design firm with deep roots in the local community. Founded in 1988, we have steadily grown into a regional design firm. We added MEP Engineering in 2005, and have focused on interiors, adaptive reuse, renovations, and new construction. Utilizing our in-house team of 35 professional Interior Designers, Space Planners, Architects, Electrical and Mechanical Engineers, we've garnered a reputation for providing highly integrated designs to a repeat client base. Arium's repeat client base extends to some of the largest defense contractors and government agencies in the country who depend on the firm to provide highly technical design solutions for demanding program and equipment requirements.

Arium understands that the work to be performed under RFP 2022-01 could consist of architectural design and project programming, including landscape architecture, and engineering design services with various related duties for multiple projects across a variety of building types.

The scope of work may include services related to the design and construction of new facilities, renovations to existing facilities, or general planning efforts. Tasks may include conceptual level services through full planning and construction administration services.

Of the building types listed in the RFP, Arium has a strong background and proven experience with office buildings, both interior build-outs for renovations, adaptive re-use, or new construction.

Arium's Architectural, Mechanical, Electrical, and Plumbing Engineering Services include:

- Strategic planning of space needs
- Evaluation of current space use / feasibility & site studies

- Recommendations for changes to space use to address needs and improve function and efficiency
- Evaluate the impact of recommendations, survey existing conditions
- Provide macro and micro programming to support renovations and new construction
- Provide test fits to determine potential space use
- Conceptual and final design services
- Permit submittals: Arium utilizes an in-house permit expediting team to ensure projects are on schedule and moving efficiently through each step of the permitting process.

Our Interior Design Services includes, but is not limited to, finish schemes, furniture plans and specifications, cost estimates, supplier and contractor engagement and coordination, interior finishes selections, and wayfinding.

Our Construction Phase Services will include the review of work for compliance with CDs, responding to RFIs, and review of submittals and requests for substitutions.

It is understood that our team must be able to provide services across multiple disciplines including Project Director, Project Manager, Licensed Architect, Civil Engineer, Structural Engineer, Landscape Architect, Geotechnical, Surveyor, Construction Manager, Inspector, Mechanical Engineer, Electrical Engineer and Plumbing Designer.

Arium is able to provide the architectural and MEP engineering design services from our in-house staff. Our civil, geotechnical, landscape architecture, survey, construction inspection, and construction management will be provided by our subconsultant, KCI Technologies. Structural engineering services with be provided by GPI.



2B. PROJECT APPROACH



Arium's systematic, step by step approach helps to keep fees down and quality up. We specialize in helping clients realize project goals and navigate a dynamic regulatory environment on budget and within schedule. Arium's integrated approach towards design maximizes the ability to control project costs and reduce costly design changes through inclusive, yet targeted efforts early in the design process.

OUR PROJECT APPROACH

Arium knows efficient and effective communication is critical and has developed documentation standards that allow for a consistent and predictable dissemination of information. As a team, Arium is capable of providing reoccurring progress reports, phasing plans, and schedules. Because we work for many of the region's most demanding public and private sector clients, we are able to tailor our standards and deliverables to meet specific client needs. Through years of working for repeat clients, Arium has developed archiving systems that allow for records to be quickly and accurately retrieved.

Arium strives to build working relationships with our clients by providing exceptional quality deliverables for each project. In addition to the Project Manager, a Project Principal is assigned to act as back up to the Project Manager if the Project Manager is not available and as a quality assurance for the Project Manager. Communications are distributed to all team members to provide additional back up and project continuity. Arium performs "on call" services for a variety of clients, and has developed a reputation of responsiveness and a keen ability to meet difficult schedules.

Each project will be approached with respect to its unique goals and requirements. The design process will be broken down into the appropriate phases and deliverables needed. These might include Test Fit/Conceptual Design, Schematic Design (SD) – 15%, Design Development (DD) - 35%, Construction Documents (CD) - 65%, Construction Documents (CD) – 95% and 100%, and Construction Administration (CA). Both formal and informal review meetings are scheduled during the course of the project. They are attended by all members of the design team and are designed to ensure that all elements of the design are complete and work together so that the resulting project will be complete, useable and provide real value to the client.

Our Availability & Fast Response Time

One of Arium's key differentiators within the industry is the availability, response time, capability, and our client's direct access to very senior and experienced staff. Arium's culture and work environment has led to an extremely low employee turnover and resulted in the fact that 50% of our employees have been with the firm for more than 10 years. Arium's size and project work flow allows for our most senior management to be intimately involved in our client's projects regardless of the size and complexity. Arium's staffing model and expertise allow for the team members who are directly involved with and executing this project, to be

more experienced and capable than what is typically standard within the industry.

Project Management

The Project Manager will be responsible for project performance and schedule throughout the project's lifespan. They will serve as the primary point of contact and ensure all designs are aligned with project goals, meet client expectations, are complete/ accurate, and are coordinated across all disciplines.

Some of Arium's longest term clients are with government and institutional facilities. Arium has provided critical building improvements during short summer construction windows consistently for the past 11 years for the Maryland Institute College of Art. In addition to MICA, we have 10+ years of experience working for Prince George's County and repeated successes in providing new buildings, additions, and renovation projects, including interior design services.

Technical Expertise - Office Facilities

Whether you are seeking a new headquarters, an efficient space plan, a contemporary finish upgrade, a secure office space, or a new collaborative workplace, Arium is the regional leader in office design. We work for a wide range of clients in the region, from government agencies, to the largest REITs, to small developers, and to individual tenants. We help owners reposition their properties toward higher value markets and help tenants maximize their image while making efficient use of their space. Our understanding of the regional building typologies and our effective working relationships with local jurisdictions ensure an exceptionally efficient permit and occupancy process.

Experience - Americans with Disabilities Act

Arium has assisted many clients over the years by conducting ADA Accessibility studies to address any potential areas of noncompliance. Our staff conducts detailed surveys of the accessible route into and within the building, restrooms, and any area that falls within the purview of the Department of Justice ADA Standards. We are very familiar with preparing reports, or reviewing reports, that outline any deficiencies found within the building.

Experience – Engineering Systems Replacement/Upgrade

Arium has considerable experience planning, designing and implementation of phased engineering systems replacement and upgrade projects within occupied facilities. These systems can include HVAC, controls/BMS, generators, lighting and power systems for example. Utilizing our integrated staff of engineers and architects, we work with the facility management teams to first define the project goals and requirements. As we go through design and into construction, we continue to work with the construction/ site teams to maintain information flow and to make sure everyone is aware and understands the goals of the project. We have completed phased engineering projects in a multitude of occupied facilities including schools, office, medical and industrial.

OUR PROCESSES

Arium has time-tested processes and standards in place to anticipate and address potential project risks and challenges. Included below is a summary of those processes.

Arium's Ability to Anticipate & Address Problems

Arium employs a coordinated interdisciplinary approach to the design of all projects. This is accomplished through a system of formal coordinating meetings attended by the design team, informal reviews by the Project Managers, strict adherence to the Quality Control Plan, and Arium's corporate policy which encourages cooperative teamwork. There are no private offices at Arium. This open office/ studio arrangement fosters a culture of teamwork and an environment that supports knowledge share.

Arium strives to build working relationships with our clients by providing exceptional quality deliverables for each project. The Project Manager of each project is responsible for project performance, schedule, and budget throughout the entirety of the projects lifespan. Project Managers often serve as the client's primary point of contact and ensure all designs are aligned with project goals, client expectations, complete, accurate, and integrated across disciplines.

In addition to the Project Manager, a Project Principal is assigned to act as back up to the Project Manager if the Project Manager is not available and as a quality assurance for the Project Manager. Communications are distributed to all by team members to provide additional back up and project continuity.

The following are potential areas of risk or challenges for any project. Arium ensures these activities are undertaken in a timeproven effective manner that reduces, mitigates, or eliminates risk.

Communication & Coordination Meetings

To establish a clear understanding of the project goals, and to establish open lines of communication, project kick-off meetings are scheduled for initial fact finding and client programming. Once design begins, formal review meetings are scheduled for the Concept, 60%, and Final milestones. They are attended by all members of the design team and are designed to ensure that all elements of the design are complete and work together so that the resulting project will be complete, useable, and provide real value to the client.

Project Schedules

Arium performs "on call" services for a variety of clients, and has developed a reputation of responsiveness and a keen ability to meet difficult schedules. The Project Manager is responsible for assessing interval progress and making adjustments necessary in order to keep the project on schedule. Arium utilizes Microsoft Project for identifying critical path items and other advanced scheduling needs.

Cost Control

Arium has fostered a sound foundation of cost estimating and cost control within the firm. Project Managers work closely with designers throughout the project to ensure that the cost analysis remains accurate.

File Management Standards

Arium's follows a clear and concise documentation and filing standards for each of our projects. This standard allows for documents to be accessed efficiently in a predicable manor by any one of our staff members. Precise record keeping is important as Arium is the primary "go-to" designer of record for many of our client's facilities.

Drafting Standards

Arium has developed time tested set of drafting standards over the course of the last 30 years. As one of the earliest adopters of CADD, these standards have evolved over the course of thousands of projects. Because we work for many of the region's most demanding public and private sector clients, Arium is capable of tailoring our standards and deliverables to meet client demands.

Specifications

Like Arium's drafting standards, specifications have been tested on thousands of projects. These specifications are updated regularly to meet evolving code requirements.

Quality Assurance

Quality Assurance is the responsibility of the QAQC Manager for each project. One of the first steps in each project is the establishment of a Quality Assurance Plan. This plan is a roadmap that ensures each project will have a defined path for success based upon the client's scope, priorities, and schedule.

We Know the Region = More Efficient Permitting

Arium specializes in focusing on projects within the region, including Prince George's County. We believe that no other firm has as many permitted projects within the region in the last decade. Through repeated exposure, Arium is able to perfect its processes to ensure projects are delivered on time and within budget. The firm utilizes an in-house permit expediting team to ensure projects are on schedule and moving efficiently through each step of the permitting process.



3. QUALIFICATIONS / STANDARD FORM 330

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

					A. CC	ONTRACT INFORMAT	TION				
1. TITLE AND LOCATION (City and State)											
Architectural/Engineering (A/E) Professional Services, City of Glenarden, Maryland											
2. PU	2. PUBLIC NOTICE DATE 3. SOLICITATION OR PROJECT NUMBER										
Ap	April 25, 2022 RFP NO. 2022-01										
4 NIA	B. ARCHITECT-ENGINEER POINT OF CONTACT										
4. NAME AND TITLE Brian Frels, AIA; Principal											
5. NAME OF FIRM Arium AE, LLC ARIUM AE											
				MBER	7. FAX NUMBER	3	8. E-MAIL ADDRES	S			
	0-73				410-730-279		brianf@ariuma				
					(C. PROPOSED TEAM	1				
				(Complete tl	his section for t	the prime contractor a	nd all key subco	ntractors.)			
		Chec. ∝		0.51514.141	45	40.4555		44 BOLE IN THE CONTRACT			
	PRIME	NRTNE	SUBCON- TRACTOR	9. FIRM NAI	VIE	10. ADDR	ESS	11. ROLE IN THIS CONTRACT			
			ωĖ								
	74			Arium AE, LLC		5537 Twin Knolls Road Suite 435,	ł,	Prime: Architecture, Interior Design, MEP Engineering			
a.	X					Columbia, Maryland 2	1045				
				CHECK IF BRANCH OFFICE							
				KCI Technologies, Inc.		11830 W Market Pl,		Civil Engineer, Landscape Architect			
b.			X			Suite F, Fulton, MD 20759		Geotechnical Engineering, Surveyor, Construction Manager, Inspector			
			X CHECK IF BRANCH OFFICE								
				KCI Technologies, Inc.		936 Ridgebrook Road,		Civil Engineer, Landscape Architect			
C.			X			Sparks, MD 21152		Geotechnical Engineering, Surveyor, Construction Manager, Inspector			
				X CHECK IF BRANCH OFFICE				construction wanager, inspector			
				Greenman-Pedersen, Inc		3423 Olney-Laytonsvil	lo Poad	Structural Engineering			
d.			X	(GPI Metro DC)	••	Suite 6,	ie rodu,	Structural Engineering			
u.						Onley, MD 20832					
X_CHECK IF BRANCH OFFICE											
e.											
CHECK IF BRANCH OFFICE				CHECK IF BRANCH OFFICE							
f.											
				CHECK IF BRANCH OFFICE							

D. ORGANIZATION CHART OF PROPOSED TEAM \underline{X} ATTACHED

STANDARD FORM 330 (REV. 7/2021)

PROPOSED TEAM (FULFILLS SF-330 SECTION D)

CITY OF GLENARDEN, MARYLAND ARCHITECTURAL / ENGINEERING PROFESSIONAL SERVICES

ARIUM AE

PRIME - ARCHITECTURE & MEP ENGINEERING

Project Director, Principal:

Brian Frels, AIA, NCARB

QAQC Manager, Principal:

Stephanie Bounds Nunn, AIA, NCARB, LEED Green Associate

Project Manager:

Kevin Murray, RA, NCARB

Interior Designer:

Madeline Mirecki, LEED AP BD+C

MEP Engineering, Principal:

Scott Walthour, PE, LEED AP BD+C

Lead Electrical Engineer:

Greg Baldwin, PE

Lead Mechanical & Plumbing Engineer:

AJ Hannon, PE, LEED AP BD+C

SUB CONSULTANTS

KCI TECHNOLOGIES

Civil Engineer

Stephen Jerrick, PE

Landscape Architect

Richard Hoehn, RLA

Sr. Geotechnical Engineer

Dr. Kofi B Acheampong PHD, PE, ENV SP

Sr. Project Surveyor

C. Allen Paugh, PLS

Construction Manager

James Wilson, PE

Sr. Construction Inspector

Jon Yench

GPI/GREENMAN PEDERSEN

Sr. Structural Engineer

Nate Salnick, SE, PE, LEED Green Associate

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YE	ARS EXPERIENCE
Brian Frels, AIA, NCARB	ian Frels, AIA, NCARB Project Director, Principal	a. TOTAL	b. WITH CURRENT FIRM
brian rieis, AiA, NCARD Project Director, Frincipal	16	9	
15. FIRM NAME AND LOCATION (City and State)	1		
Arium AE, LLC (Columbia, Maryland)			
16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State an	d Discipline)	
Master of Architecture, Texas Tech University, 2005	Registered Architect: Maryland (#16605);	Virginia (#04	01017282); D.C.
Master of Business Administration, Texas Tech	(#ARC200489)		
University, 2005			
Bachelor of Science in Architecture, Texas Tech			
University, 2004			
18 OTHER PROFESSIONAL OLIAL IELCATIONS (Publications, Organizations, Training	ng Awards etc.)		

Brian is a Principal at Arium AE and has 16+ years experience assisting clients on program driven educational, office, retail and government mission crititical projects with unique requirements. He brings a keen sense of leadership to the team and has a sophisticated sense of both current trends and longstanding design principles influencing the built environment. Throughout his career, Brian has conducted extensive post-graduation research on the social workplace, knowledge share and Building Information Modeling. He has led a number of award winning design teams and has been an invited speaker both across the United States and abroad. Additionally, Brian is a certified Third Party Peer Reviewer for Prince George's County and has led architectural reviews for a variety of projects across various scales and scopes.

Member, American Institute of Architects; National Council of Architectural Registration Boards, NCARB 2012 Certificate #73585; Certified Third Party Peer Reviewer for Prince George's County; BBJ 40under40 Honoree 2018; Award of Excellence for "Best Tenant Fit-Out Flex" NAIOP

	19. RELEVANT PRO	IECTS		
	(1) TITLE AND LOCATION (City and State)		(2) YEAR	COMPLETED
	Multi-Service Center, City of Laurel Laurel, MD	PROFESSIONAL S		CONSTRUCTION (If applicable 2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if proje	ct performed wit	h current firm
	Principal Architect. Provided full architecture and MEP engineering the City of Laurel. Task order from On-call contract.	design services for a 4	12,000 sq. ft	t. multi-service center fo
	(1) TITLE AND LOCATION (City and State)		(2) YEAR	COMPLETED
	Peer Reviews – Prince George's County Peer Review Program	PROFESSIONAL S	SERVICES	CONSTRUCTION (If applicable
	Upper Marlboro, MD	20		Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if proje	ct performed wit	h current firm
	Principal Architect for peer reviews for projects ranging in size and sco	pe throughout Prince	George's Co	unty.
			(2) VEAD	COMPLETED
_	(1) TITLE AND LOCATION (City and State)		(Z) ILAN	
_	Columbia Association Headquarters	PROFESSIONAL S	SERVICES	1 ' ''
_		PROFESSIONAL S	SERVICES	CONSTRUCTION (If applicable 2015
	Columbia Association Headquarters	X Check if projeting the Column X Check if projeting the Check if the Check if projeting the Check if projeting the Check if projeting the Check if the Che	BERVICES 14 ct performed with the company of the	h current firm ciation's new headquarte
	Columbia Association Headquarters Columbia, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Architect. Provided full Interior Design and Architectural des The project area included one full floor and one half floor. The prograr and conference room and open floor plan. Arium also assisted with the enhance the corporate branded image.	X Check if projeting services for the Colon required large Memb	SERVICES 14 ct performed wit umbia Associer Services or the office	2015 h current firm ciation's new headquarter areas, a large board room s and workstations, which
	Columbia Association Headquarters Columbia, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Architect. Provided full Interior Design and Architectural des The project area included one full floor and one half floor. The prograr and conference room and open floor plan. Arium also assisted with the enhance the corporate branded image. (1) TITLE AND LOCATION (City and State)	X Check if projeting nervices for the Column required large Member furniture selections for	services 14 ct performed wit umbia Associer Services or the office (2) YEAR	2015 h current firm ciation's new headquarter areas, a large board room s and workstations, which
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(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YE	ARS EXPERIENCE
Stephanie Bounds Nunn, AIA, NCARB, LEED Green Associate	QAQC Manager, Principal	a. TOTAL	b. WITH CURRENT FIRM
15. FIRM NAME AND LOCATION (City and State) Arium AE, LLC (Columbia, Maryland)			
16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State an	d Discipline)	
Bachelor of Architecture, Virginia Polytechnic Institute and State University, 2000	Registered Architect: Maryland (#14796); Virginia (#0401015713); North Carolina (#13665); Pennsylvania (#RA408360)		01015713); North

Stephanie is a Principal at Arium AE with 23+ years of architectural design experience. She manages and designs a range of projects including commercial office and retail space, government, SCIF, healthcare, and educational. Stephanie also takes a lead position in the new employee training programs and developing and maintaining the firm's technical and CAD standards. Additionally, Stephanie is a certified Third Party Peer Reviewer for Prince George's County. Stephanie is a certified LEED Green Associate. She has 11 years of experience with LEED ID+C and CI certifications and has 6 projects certified LEED within that time frame, including Gold and Silver.

LEED Green Associate #10530051 since 2010; Member, American Institute of Architects; National Council of Architectural Registration Boards, NCARB 2007 Certificate #63279; Certified Third Party Peer Reviewer for Prince George's County

	19. RELEVANT PROJECT	S	
	ITLE AND LOCATION (City and State)		COMPLETED
	parksoft Corporate Office Columbia, MD	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable 2021
(3) BF	RIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with	h current firm
Pı re	Principal Architect. Provided full Interior Design and Architectural service enovation. The IT solutions company sought a bright, bold, modern office with architectural branding elements throughout.		•
(1) TI	ITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED
Po	eer Reviews – Prince George's County Peer Review Program	PROFESSIONAL SERVICES	CONSTRUCTION (If applicab
U	Ipper Marlboro, MD	2013	Ongoing
(3) BF	RIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed wi	th current firm
Pi	Principal Architect for peer reviews for projects ranging in size and scope the	hroughout Prince George's Co	unty.
(1) TI	ITLE AND LOCATION (City and State)	(2) YEAF	COMPLETED
	Howard County Public Schools IDIQ Howard County, MD	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applical 2019
(3) BF	RIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed wi	th current firm
рі	Principal Architect. On-call Architecture & Interior Design services for faciliarojects. Included evaluation of ADA deficiencies. ITLE AND LOCATION (City and State)		rd County public school
	Columbia Association Headquarters	PROFESSIONAL SERVICES	CONSTRUCTION (If applical
	Columbia, MD	2014	2015
	RIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed wi	
Tl aı	QAQC Principal. Provided full Interior Design and Architectural design service in the project area included one full floor and one half floor. The program requind conference room and open floor plan. Arium also assisted with the furnishance the corporate branded image.	quired large Member Services	areas, a large board roor
. ,	ITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED
	Chesapeake Math and IT Public Charter School, South Elementary School Upper Marlboro, MD	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicated 2018
U		X Check if project performed wi	th current firm
	RIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		

^{18.} OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

(Complete one Section E for each key person.)

13. ROLE IN THIS CONTRACT	14. YE	ARS EXPERIENCE
tt Walthour, PE, LEED AP BD+C MEP Engineering, Principal	a. TOTAL	b. WITH CURRENT FIRM
Wich Engineering, Principal	21	16
17. CURRENT PROFESSIONAL REGISTRATION (State and	d Discipline)	
(#PE901760); Pennsylvania (#PE076213);	Virginia (#039	9857); Delaware
	MEP Engineering, Principal 17. CURRENT PROFESSIONAL REGISTRATION (State and Professional Engineer: Maryland (#31532 (#PE901760); Pennsylvania (#PE076213);	MEP Engineering, Principal

Scott is a Principal at Arium AE. He has been with the firm since 2005, having spearheaded the creation of the engineering department. He has broad experience in solving complex problems across a variety of project types. He has risen to a high point of influence in his field due to his unique skills and contributions to ASHRAE and ASME. In 2015, Scott received a SMARTCEO FUTURE 50 award for his leadership in the industry. Scott is responsible for all engineering projects, management, and the daily operations of the firm. He brings deep wealth of knowledge of design experience to engineering a diverse set of projects including educational, commercial office, laboratory, healthcare, and retail. He is a Green Globe, LEED and Energy Star Certified professional.

LEED Accredited Professional; Member, American Society of Mechanical Engineers; Member, American Society of Heating, Refrigerating and AC Engineers; Member, US Green Building Council; Certified Third Party Peer Reviewer for Prince George's County

	19. RELEVANT PROJE	CTS		
(1) TITLE AND LOCATION (City and State)		(2) YEAF	R COMPLETED
	Peer Reviews – Prince George's County Peer Review Program Upper Marlboro, MD	PROFE	ESSIONAL SERVICES 2013	CONSTRUCTION (If applicable Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X C	neck if project performed wi	ith current firm
	Principal Engineer for peer reviews for projects ranging in size and scope	e throughou	t Prince George's Co	ounty.
(1) TITLE AND LOCATION (City and State)		(2) YEAF	R COMPLETED
	Chesapeake Math and IT Public Charter School South Middle-High School Upper Marlboro, MD		essional services 2015-2016	CONSTRUCTION (If applicable 2015-2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X C	neck if project performed w	ith current firm
(house classrooms, labs, full size gymnasium, cafeteria, indoor soccer fiel align with the progression/expansion of the high school population. 1) TITLE AND LOCATION (City and State)		(2) YEAF	R COMPLETED
		DDOE	CCIONIAL CEDVICES	CONSTRUCTION //f applicable
	MICA Print Shop Relocation - Phase I Baltimore MD	PROFE	SSIONAL SERVICES	
(Baltimore, MD 3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X C	2015-2016 neck if project performed wi	2016 ith current firm
	Baltimore, MD	X control co	2015-2016 neck if project performed with the pr	2016 ith current firm multiple large studio s). Gallery space and staff a d ventilation. 15,000 sq. ft
(Baltimore, MD 3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer: Relocate MICA's Print Shop to an existing two story be classrooms with support space for labs (etching, dark room, washout, paprofessor suite were part of the program. The project included a major be chesapeake Math and IT Public Charter School North High School Laurel, MD	X Coulding. Pha apermaking, HVAC renova	2015-2016 neck if project performed with the project performance of the project performance with the project performance of the project performance with the project performed with the project performance with the project performed with the project performance with the performance with the project performance with the project perform	2016 ith current firm multiple large studio s). Gallery space and staff a d ventilation. 15,000 sq. ft R COMPLETED CONSTRUCTION (If applicable) 2017
(Baltimore, MD 3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer: Relocate MICA's Print Shop to an existing two story be classrooms with support space for labs (etching, dark room, washout, paprofessor suite were part of the program. The project included a major by TITLE AND LOCATION (City and State) Chesapeake Math and IT Public Charter School North High School	X Coulding. Pha apermaking, HVAC renova	2015-2016 neck if project performed with the pr	2016 ith current firm multiple large studio s). Gallery space and staff and ventilation. 15,000 sq. ft R COMPLETED CONSTRUCTION (If applicable 2017
(Baltimore, MD 3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer: Relocate MICA's Print Shop to an existing two story is classrooms with support space for labs (etching, dark room, washout, paper professor suite were part of the program. The project included a major is 1) TITLE AND LOCATION (City and State) Chesapeake Math and IT Public Charter School North High School Laurel, MD 3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer for new building construction along interior build-out were included including finish selections and coordination of efforts of country in the program consisted of class full size gymnasium, media center, and all other support areas needed.	building. Pha apermaking, HVAC renova PROFE X CI t for a 78,146 consultants for	2015-2016 neck if project performed with sear I design was for in printing, computers tion for fresh air and (2) YEAF ESSIONAL SERVICES 2016 neck if project performed with sear structural and cive protices labs, physics, in the sear structural and cive protices labs, physics, in the sear structural and cive protices labs, physics, in the sear structural and cive protices labs, physics, in the search of	ith current firm COMPLETED CONSTRUCTION (If applicable 2017 Construction and staff and current firm Chool. Full AE design service iii. The project was broken chemistry and biology labs
(Baltimore, MD 3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer: Relocate MICA's Print Shop to an existing two story be classrooms with support space for labs (etching, dark room, washout, paprofessor suite were part of the program. The project included a major by TITLE AND LOCATION (City and State) Chesapeake Math and IT Public Charter School North High School Laurel, MD 3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer for new building construction along interior build-out were included including finish selections and coordination of efforts of control into phases to fast track permit approvals. The program consisted of classification for the program consisted of classification in the program consisted of classification for the program consisted for the program consi	building. Pha apermaking, HVAC renova PROFE X C t for a 78,146 consultants for assrooms, role	2015-2016 neck if project performed with seal design was for in printing, computers tion for fresh air and (2) YEAF (2016) Sessional services 2016 neck if project performed with seal of square foot high sear structural and civic potics labs, physics, (2) YEAF (and the current firm multiple large studio staff and staff and ventilation. 15,000 sq. ft and complete to the complete to the current firm and chool. Full AE design service iii. The project was broken chemistry and biology labsers.
(Baltimore, MD 3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer: Relocate MICA's Print Shop to an existing two story is classrooms with support space for labs (etching, dark room, washout, paper professor suite were part of the program. The project included a major is 1) TITLE AND LOCATION (City and State) Chesapeake Math and IT Public Charter School North High School Laurel, MD 3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer for new building construction along interior build-out were included including finish selections and coordination of efforts of country in the program consisted of class full size gymnasium, media center, and all other support areas needed.	building. Pha apermaking, HVAC renova PROFE X C t for a 78,146 consultants for assrooms, role	2015-2016 neck if project performed with sear I design was for in printing, computers tion for fresh air and (2) YEAF ESSIONAL SERVICES 2016 neck if project performed with sear structural and cive protices labs, physics, in the sear structural and cive protices labs, physics, in the sear structural and cive protices labs, physics, in the sear structural and cive protices labs, physics, in the search of	and the current firm multiple large studio staff and staff and ventilation. 15,000 sq. ft and complete to the complete to the current firm and chool. Full AE design service iii. The project was broken chemistry and biology labsers.
(Baltimore, MD 3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer: Relocate MICA's Print Shop to an existing two story be classrooms with support space for labs (etching, dark room, washout, paperofessor suite were part of the program. The project included a major by TITLE AND LOCATION (City and State) Chesapeake Math and IT Public Charter School North High School Laurel, MD 3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer for new building construction along interior build-out were included including finish selections and coordination of efforts of control into phases to fast track permit approvals. The program consisted of claudil size gymnasium, media center, and all other support areas needed. 1) TITLE AND LOCATION (City and State) Peer Review — Thomas Stone Elementary School Renovation	building. Pha apermaking, HVAC renova PROFE X Consultants for a 78,144 consultants for assrooms, role	2015-2016 neck if project performed with seal design was for in printing, computers tion for fresh air and (2) YEAF (2)	ith current firm multiple large studio s). Gallery space and staff a d ventilation. 15,000 sq. ft R COMPLETED CONSTRUCTION (If applicable 2017 ith current firm chool. Full AE design servic il. The project was broken chemistry and biology labs R COMPLETED CONSTRUCTION (If applicable 2021

^{18.} OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YE	ARS EXPERIENCE
Kevin Murray, RA, NCARB	Project Manager	a. TOTAL	b. WITH CURRENT FIRM
Reviii Muliay, RA, NCARD	urray, RA, NCARB Project Manager	10	8
15. FIRM NAME AND LOCATION (City and State)		,	
Arium AE, LLC (Columbia, Maryland)			
16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and	d Discipline)	
Master of Architecture, The Catholic University of America	ca Registered Architect: Maryland (#19092)		
Master of Science in Sustainable Design, The Catholic			
University of America			
Bachelor of Arts, Art History, Gettysburg College			
40 OTHER PROFESSIONAL CHALIFICATIONS (Publications Committee Training			

Kevin is a Senior Project Manger at Arium AE. He has more then 10 years of experience in the architectural industry and has various experience working on government, commercial office, SCIF, retail, industrial, restaurant, and educational projects. Kevin is very detail oriented and strives to design in a simple and effective manner, while focusing on fulfilling the needs of the project and addressing the concerns of sustainability. Kevin is spearheading the firms building information modeling efforts.

Kevin is NCARB Certified.

19. RELEVANT PROJ	ECTS	
(1) TITLE AND LOCATION (City and State)		R COMPLETED
St. Martin's-in-the-Field Episcopal School - Building Addition, Severna Park, MD	PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION (If applicable) 2018-2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed w	ith current firm
Project Architect/Project Manager for a 7,600 square foot building add well as a science and art classroom. Full AE Design Services were inclupopulation and the established church parish that would share portion adjacent areas during construction were also important factors on the	ded. The design balanced the neds s of the facility. Site constraints a	eds of the growing school
(1) TITLE AND LOCATION (City and State)	(2) YEAF	R COMPLETED
Chesapeake Math and IT Public Charter School, South Elementary School Upper Marlboro, MD	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed w	th current firm
established South Middle-High; including classrooms for core subjects, cafeteria. (1) TITLE AND LOCATION (City and State) Leidos Relocation, Interior Renovation	_	R COMPLETED
Gaithersburg, MD	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable 2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed w	ith current firm
Project Manager. Multi-phase interior renovation valued at \$14M. Provenovation of approx. 180,000 SF of a 300,000 SF building. Project considerate center.	_	•
(1) TITLE AND LOCATION (City and State)	(2) YEAR	R COMPLETED
Chesapeake Math and IT Public Charter School, North High School Laurel, MD	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable 2017
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed w	ith current firm
Project Architect/Project Manager for new building construction along design services were included including finish selections and coordinat was broken into phases to fast track permit approvals. The program cobiology labs, a full size gymnasium, media center, and all other support	ion of efforts of consultants for st ensisted of classrooms, robotics la	ructural and civil. The proj
(1) TITLE AND LOCATION (City and State)	(2) YEAF	R COMPLETED
Maryland Institute College of Art, Various Projects Baltimore, MD	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable ongoing
	X Check if project performed w	ith current firm
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	A Officer if project performed w	

^{18.} OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YE	ARS EXPERIENCE			
Madeline Mirecki TEEP AP RD+C	ne Mirecki, LEEP AP BD+C Interior Designer	a. TOTAL	b. WITH CURRENT FIRM			
Wadeline Wilecki, LLLF AF DDTC		30	27			
15. FIRM NAME AND LOCATION (City and State) Arium AE, LLC (Columbia, Maryland)						
16. EDUCATION (Degree and Specialization) Bachelor of Science in Architecture, University of Maryland	17. CURRENT PROFESSIONAL REGISTRATION (State and	d Discipline)				
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)						

After 27 years with Arium AE, Madeline, a Senior Associate and Interior Designer, has substantial architectural and interior design experience managing commercial office projects. She regularly provides design leadership on some of Arium's most complex office interior fit-outs.

In addition to having designed hundreds of interior offices, she has designed secured spaces, some on very tight schedules. Clients appreciate her ability to transform their needs and desires into functional and timeless solutions within a modest budget.

Madeline is a LEED Certified professional.

	19. RELEVANT PROJECTS		
	(1) TITLE AND LOCATION (City and State)		COMPLETED
	Tenable Headquarters Columbia, MD	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with	current firm
a.	Lead Interiors. Provided full Interior Design, Architecture, and MEP Engineer fit-out with exterior terrace. The interior architecture embodies Tenable's desigive different work areastheir own identity. Breaking traditional corporate offithe design creates a unique collaborative work environment.	ire to have each floor feel d	ifferent from the next and t
	(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED
	Columbia Association Headquarters Columbia, MD	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with	n current firm
	large board room and conference room and open floor plan. Arium also assist workstations, which enhance the corporate branded image. (1) TITLE AND LOCATION (City and State)		
	Sparksoft Corporate Office	PROFESSIONAL SERVICES	COMPLETED CONSTRUCTION (If applicable)
	Sparksoft corporate office		
	Columbia, MD	2020	2021
> .	Columbia, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	2020 X Check if project performed with	2021
Э.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager, Lead Interiors. Provided full Interior Design and Architectus, etc. two-floor renovation. The IT solutions company sought a bright, bold, model collaborations areas with architectural branding elements throughout.	2020 X Check if project performed with ral services for Sparksoft's	2021 n current firm corporate office, a 35,000
; .	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager, Lead Interiors. Provided full Interior Design and Architectus, sq. ft. two-floor renovation. The IT solutions company sought a bright, bold, model collaborations areas with architectural branding elements throughout. (1) TITLE AND LOCATION (City and State)	2020 X Check if project performed with ral services for Sparksoft's nodern office with multi-fun	2021 corporate office, a 35,000 ctional spaces and open
÷-	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager, Lead Interiors. Provided full Interior Design and Architectus, etc. two-floor renovation. The IT solutions company sought a bright, bold, model collaborations areas with architectural branding elements throughout. (1) TITLE AND LOCATION (City and State) Authority Brands	2020 X Check if project performed with ral services for Sparksoft's nodern office with multi-fun (2) YEAR PROFESSIONAL SERVICES	2021 corporate office, a 35,000 ctional spaces and open COMPLETED CONSTRUCTION (If applicable)
). —	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager, Lead Interiors. Provided full Interior Design and Architectus, sq. ft. two-floor renovation. The IT solutions company sought a bright, bold, model collaborations areas with architectural branding elements throughout. (1) TITLE AND LOCATION (City and State)	2020 X Check if project performed with ral services for Sparksoft's nodern office with multi-fun	2021 n current firm corporate office, a 35,000 ctional spaces and open COMPLETED CONSTRUCTION (If applicable) 2019
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager, Lead Interiors. Provided full Interior Design and Architectus, sq. ft. two-floor renovation. The IT solutions company sought a bright, bold, model collaborations areas with architectural branding elements throughout. (1) TITLE AND LOCATION (City and State) Authority Brands Columbia, MD	2020 X Check if project performed with ral services for Sparksoft's modern office with multi-fun (2) YEAR PROFESSIONAL SERVICES 2018 X Check if project performed with rand MEP engineering design odern neutral palette and experiences.	2021 corporate office, a 35,000 ctional spaces and open COMPLETED CONSTRUCTION (If applicable) 2019 a current firm services for the Authority expansive exposed ceilings.
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager, Lead Interiors. Provided full Interior Design and Architectus, ft. two-floor renovation. The IT solutions company sought a bright, bold, modified collaborations areas with architectural branding elements throughout. (1) TITLE AND LOCATION (City and State) Authority Brands Columbia, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager, Lead Interiors. Provided full Interior Design, Architecture, and Brands' corporate office. The contemporary office space is designed with a modified full on-demand meeting spaces of various sizes were employed throughout.	2020 X Check if project performed with ral services for Sparksoft's modern office with multi-fun (2) YEAR PROFESSIONAL SERVICES 2018 X Check if project performed with rand MEP engineering design odern neutral palette and exput and fitted with full-glass and restricted to the control of t	2021 corporate office, a 35,000 ctional spaces and open COMPLETED CONSTRUCTION (If applicable) 2019 a current firm services for the Authority expansive exposed ceilings.
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager, Lead Interiors. Provided full Interior Design and Architectur sq. ft. two-floor renovation. The IT solutions company sought a bright, bold, m collaborations areas with architectural branding elements throughout. (1) TITLE AND LOCATION (City and State) Authority Brands Columbia, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager, Lead Interiors. Provided full Interior Design, Architecture, all Brands' corporate office. The contemporary office space is designed with a more Flexible on-demand meeting spaces of various sizes were employed throughon accents.	2020 X Check if project performed with ral services for Sparksoft's modern office with multi-fun (2) YEAR PROFESSIONAL SERVICES 2018 X Check if project performed with rand MEP engineering design odern neutral palette and exput and fitted with full-glass and restricted to the control of t	2021 courrent firm corporate office, a 35,000 ctional spaces and open COMPLETED CONSTRUCTION (If applicable) 2019 a current firm services for the Authority expansive exposed ceilings. fronts and acoustical ceiling

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YE	ARS EXPERIENCE
Greg Baldwin, PE	n, PE Lead Electrical Engineer	a. TOTAL	b. WITH CURRENT FIRM
Greg Baidwill, FE		15	10
15. FIRM NAME AND LOCATION (City and State)		,	
Arium AE, LLC (Columbia, Maryland)			
16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State an	d Discipline)	
Bachelor of Science in Mechanical Engineering, University of Maryland College Park	Professional Engineer: Maryland (#32985); District of Columbia (#PE909204); Virginia (#402057514)		Columbia

Greg is an Associate at Arium AE. He has more than 15 years of experience and has been with the firm since 2011. As a professionally licensed Electrical Engineer, he has worked on a large variety of projects, which provides him a broad range of knowledge in energy efficiency, power distribution, life safety applications and sustainable designs.

Greg is a Certified Third Party Peer Reviewer for Prince George's County.

	19. RELEVANT PROJECTS			
	(1) TITLE AND LOCATION (City and State) Peer Reviews – Prince George's County Peer Review Program	(2) YEAR C	OMPLETED	
	Upper Marlboro, MD	Ongoing	CONSTRUCTION (If applicable) Ongoing	
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with	current firm	
	Lead Electrical Engineer for peer reviews for projects of varying sizes and scop	oe throughout Prince George	's County.	
	(1) TITLE AND LOCATION (City and State)	(2) YEAR C	OMPLETED	
	Leidos Relocation, Interior Renovation Gaithersburg, MD	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2021	
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with	current firm	
	renovation of approx. 180,000 SF of a 300,000 SF building. Project consists of the data center. (1) TITLE AND LOCATION (City and State)		ic areas, secure space and	
	Lockheed Martin	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
	Various Locations	2017	Ongoing	
C.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with current firm		
	Lead Electrical Engineer. Provided full AE design services for various scale and quick turn- around, restricted access and high levels of technology integration		00 SF to 100,000 SF with	
	(1) TITLE AND LOCATION (City and State)	(2) YEAR C	OMPLETED	
	Chesapeake Math and IT Public Charter School, North High School Laurel, MD	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2017	
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with	current firm	
u.	Lead Electrical Engineer for new building construction along interior build-out services were included including finish selections and coordination of efforts obroken into phases to fast track permit approvals. The program consisted of clabs, a full size gymnasium, media center, and all other support areas needed.	of consultants for structural a lassrooms, robotics labs, phy	ind civil. The project was	
	(1) TITLE AND LOCATION (City and State)	(2) YEAR C	OMPLETED	
	Howard County Public Schools IDIQ, Howard County, MD	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2019	
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with	current firm	
	Lead Electrical Engineer. On call professional services for facilities projects at versions in ADA deficiencies.	various Howard County publi	ic school projects. Include	

^{18.} OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YE	ARS EXPERIENCE
Alexander (AJ) Hannon, PE	Lead Mechanical & Plumbing Engineer	a. TOTAL 11	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION (City and State) Arium AE, LLC (Columbia, Maryland)			
16. EDUCATION (Degree and Specialization) Bachelor of Science in Mechanical Engineering, University of South Carolina, 2011	17. CURRENT PROFESSIONAL REGISTRATION (State and Professional Engineer: Maryland (#41866	' '	

AJ is an Associate at Arium AE. He has more than 11 years of experience and is well versed in the design of HVAC and plumbing for a multitude of applications including, but not limited to, commercial office, SCIF, retail, industrial, data centers, restaurants, and educational. His engineering approach is systematic, but tailored to meet each individual project's specific needs. While also focusing on building systems as a whole, he is able to obtain an all-inclusive, elegant design that is user friendly and balances cost-effectiveness and energy consciousness.

Associate Member of ASHRAE; Certified Third Party Peer Reviewer for Prince George's County

	19. RELEVANT PROJECTS				
	(1) TITLE AND LOCATION (City and State)	(2) YEAR C	OMPLETED		
	Peer Reviews – Prince George's County Peer Review Program	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)		
a.	Upper Marlboro, MD	Ongoing	Ongoing		
u.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with	current firm		
	Project Mechanical Engineer for peer reviews for projects of varying sizes and	scope throughout Prince Ge	eorge's County.		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR C	OMPLETED		
	Leidos Relocation, Interior Renovation Gaithersburg, MD	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2021		
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with	current firm		
	Lead Mechanical Engineer. Multi-phase interior renovation valued at \$14M. P the renovation of approx. 180,000 SF of a 300,000 SF building. Project consists and data center.	of two phase office space, p	public areas, secure space		
	(1) TITLE AND LOCATION (City and State)	()	OMPLETED		
	St. Martin's In-The-Field Episcopal School - Building Addition, Severna Park, MD	PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION (If applicable) 2018-2019		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE X Check if project performed with current firm				
	and art classroom. Full AE Design Services were included. New mechanical systhe new and existing spaces. The design balanced the needs of the growing so would share portions of the facility.				
	(1) TITLE AND LOCATION (City and State)	(2) YEAR C	OMPLETED		
	Chesapeake Math and IT Public Charter School, South Middle-High School Upper Marlboro, MD	PROFESSIONAL SERVICES 2015-2016	CONSTRUCTION (If applicable) 2015-2016		
-1	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with	current firm		
d.	Project Mechanical Engineer for a 100,500 square foot adaptive re-use for mic services were included. The county gave CLF another charter to create a new ronsisted of house classrooms, labs, full size gymnasium, cafeteria, indoor sociphases to align with the progression/expansion of the high school population.	middle/high school after succ cer field, and auditorium. Pr	cess in 2013. The design		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR C	OMPLETED		
	Howard County Public Schools IDIQ, Howard County, MD	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2019		
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	X Check if project performed with	current firm		
	Project Mechanical Engineer. On call professional services for facilities project Included evaluations in ADA deficiencies.	s at various Howard County	public school projects.		

^{18.} OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

	E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT					
42	(Complete one Section E for each key person.)					
	NAME	13. ROLE IN THIS CONTR.	ACT	}	a. TOTAL	14. YEARS EXPERIENCE b. WITH CURRENT FIRM
	EPHEN JERRICK, PE	Civil Engineer			20	2
KC	15. FIRM NAME AND LOCATION (City and State) KCI Technologies, Inc., Fulton, MD					
BS	EDUCATION (Degree and Specialization) / 2002 / Civil Engineering / Virginia Polyte	chnic Institute		NT PROFESSIONAL REGI: / 35792 / 2010	STRATION (S	tate and Discipline)
18.	l State University OTHER PROFESSIONAL QUALIFICATIONS (Publications, Or	ganizations, Training, Award	s. etc.)			
Mr.	Jerrick is a registered professional engine	eer with experience	providing			
	olic clients. He has managed several Baltin	-		•	•	, ,
	er 50 county task order assignments. He co liminary project scope and budget all the v					
	dies, cost estimates, design concepts, con					
	o served as a liaison for county, federal, st					
(ME	DE), The Critical Areas Commission (CAC),					
-	(1) TITLE AND LOCATION (City and State)	19. RELEVANT	PROJECTS		(2) YEAR CO	OMPLETED
	Cherryvale NBHD Park Retrofit, Maryland	-National Capital Pa	rk and	PROFESSIONAL SEI		CONSTRUCTION (If Applicable)
	Planning Commission, Beltsville, MD			2021		N/A
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND	SPECIFIC ROLE		x Check if project perfo	ormed with cu	urrent firm
	Civil / Site Engineer. Mr. Jerrick led all ci			•	t of const	ruction and permitting
	documents. Additionally, he provided cor (1) TITLE AND LOCATION (City and State)	istruction administra	ation supp	ort.	(2) YEAR CO	OMPLETED
	Duvall Field Park, City of College Park			PROFESSIONAL SEI		CONSTRUCTION (If Applicable)
	College Park, MD			Ongoing		N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND	SPECIFIC ROLE		x Check if project perfo	ormed with cu	irrent firm
	Project Manager. KCl is currently providi					
	College Park, MD. The seven-acre park is enhanced vehicular and pedestrian circu					
	diamonds, playgrounds for ages 2-5 and	•				
b.	stations, exercise stations, a stage area w					
	field lighting and landscaping improveme					
	a seven-acre park in College Park, MD. P trail, multi-purpose sports courts, picnic p					
	responsibilities include client coordinatio					
	and design coordination. Includes the pre-					
	management/fine grading plan, an erosic		•		-	• •
	conservation exemption, utility plan and premit support will be provided with both			electric and detail	ea engin	eering cost estimating.
	(1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED					
	Forestville Warehouse, Prologis, District H	Heights, MD		PROFESSIONAL SEI	RVICES	CONSTRUCTION (If Applicable)
ļ				Ongoing		N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND		ا	x Check if project perfo		
c.	Project Manager. KCl is providing Civil, s for the construction of a new 280k square					
	280k warehouse and 700 parking space:					
	Forestville Road and modifications to the					
	feet of stream restoration will be included		ick led all	civil engineering t	tasks and	oversaw development
	of construction and permitting document (1) TITLE AND LOCATION (City and State)	S.			(2) YEAR CO	OMPLETED
	K9 Center / Indoor Shooting Range, Prince	e George's County,	MD	PROFESSIONAL SEI	RVICES	CONSTRUCTION (If Applicable)
d.				Ongoing		N/A
u.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND			x Check if project perfo		
	Project Manager . Mr. Jerrick led all civil e control plans, water/sewer plans, grading					ter plans, sediment
	(1) TITLE AND LOCATION (City and State)	i design, constructio	п, апи ре	mitting documen	(2) YEAR CO	OMPLETED
	Laurel Readiness Center Parking Improve			PROFESSIONAL SEI	RVICES	CONSTRUCTION (If Applicable)
	Department of General Services, Laurel,					N/A
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND			x Check if project perfo		
	Project Manager . Mr. Jerrick currently se new military vehicle parking compound for				ent liaisor	n for the construction of a
	new military verticle parking compound to	or the MD Ailly Nati	orial Gudl	u.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.) 13. ROLE IN THIS CONTRACT 12. NAME 14. YEARS EXPERIENCE a. TOTAL b. WITH CURRENT FIRM RICHARD HOEHN, RLA Landscape Architect 35 17 15. FIRM NAME AND LOCATION (City and State) KCI Technologies, Inc., Sparks, MD 16. EDUCATION (Degree and Specialization) 17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) BS / 1985 / Landscape Architecture / University of Wisconsin RLA / MD / 931 / 1990 RLA / NJ / 21AS00112100 / RLA / PA / LA002537 / 2003

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Hoehn is a landscape architect with professional registrations in Maryland, Pennsylvania and New Jersey. He has extensive project management, project design and construction period services experience across a wide-variety of project types/market sectors. Involved with projects from conceptual design through construction, he focuses on contextually sensitive site design solutions that consider open space and site amenities as key ingredients toward a project's successful usability and aesthetic outcomes.

	19. RELEVANT PROJECTS					
	(1) TITLE AND LOCATION (City and State)	* * * * * * * * * * * * * * * * * * * *	COMPLETED			
	Millard Cooper Park, Sykesville, MD	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)			
		Ongoing	N/A			
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	x Check if project performed with o	current firm			
	Landscape Architect. KCI will create a site layout plan for ADA handic	•				
	Millard Cooper Park Utilizing GIS topographic information gathered fro					
	the sidewalk at the beginning of Millard Cooper County Park and conti					
	(1) TITLE AND LOCATION (City and State)	, ,	COMPLETED			
	Frederick Trail, Frederick County	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)			
	Frederick County, MD	Ongoing	N/A			
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	x Check if project performed with o	current firm			
b.	Landscape Architect. KCI is providing surveying, geotechnical, environ	nmental, site/civil, structur	al and hydraulic			
	engineering services for the construction of a new 10' asphalt, multi-us	e trail along the existing ra	ailroad line. The trail will			
	have two crossings, one over the stream with approximate 150'span ar	nd a second, over the Mor	ocacy River, with a450'			
	span and one bridge pier. The bridges will be prefabricated pedestriar		-			
	construction administration.	. Shages. No. viii also pro	vide bid support and			
	construction administration.					
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED				
	Duvall Field Park, City of College Park, College Park, MD	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)			
		Ongoing	N/A			
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	x Check if project performed with o	current firm			
c.	Landscape Architect. KCI is currently providing landscape architectura	Landscape Architect. KCl is currently providing landscape architectural and civil engineering services for Duvall Field				
C.	Park in College Park, MD. The seven-acre park is being renovated with	n both active and passive i	recreational amenities as			
	well as enhanced vehicular and pedestrian circulation. Improvements i	nclude renovated natural	turf athletic fields and ball			
	diamonds, playgrounds for ages 2-5 and 5-12, multi-purpose sports co					
	stations, exercise stations, a stage area with lawn seating for public ga					
	field lighting and landscaping improvements.	aremigs, a storage sanam	g, 115 parting for and			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR (COMPLETED			
	Washington Gateway Warehouse, Prince George's County, MD	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)			
	, , , , , , , , , , , , , , , , , , ,	Ongoing	N/A			
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	x Check if project performed with o	·			
	Landscape Architect. KCI provided site/civil engineering, electrical engineering, environmental engineering, geotechnical					
	engineering and survey services engineering for an approximately 172,000 square foot shell building on a 17.90-acre					
d.						
	property located on the southwest corner of Columbia Park Road and Cabin Branch Road. KCI completed a new					
	floodplain study to analyze the existing conditions and correct flaws in					
	Prince George's County. KCI designed the site to accommodate 800 e					
	onsite parking and through the design of a 700-car van parking lot on					
	KCI designed a new traffic signal intersection, upgrade of three adjoining intersections and interconnected the					
	intersections to optimize timing. Upgraded landscaping was provided	to benefit the adjoining re	sidential neighborhood.			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.) 12 NAME 13. ROLE IN THIS CONTRACT 14 YEARS EXPERIENCE a. TOTAL b. WITH CURRENT FIRM DR. KOFI B ACHEAMPONG PHD, PE, ENV Senior Geotechnical Engineer 36 15. FIRM NAME AND LOCATION (City and State) KCI Technologies, Inc., Sparks, MD 17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) 16. EDUCATION (Degree and Specialization) PhD / 1996 / Civil & Environmental Engineering (Geotechnical PE / CT / 0022321 / 2001 Engineering) / University of Massachusetts PE / DC / 905863 / 2010 MS / 1990 / Civil Engineering (Structural Engineering) / Technion-Israel PE / DE / 17842 / 2012 Institute of Technology PE / FL / 76517 / 2013 BS / 1985 / Civil Engineering / University of Science and Technology. PE / MD / 54247 / 2006 Ghana PE / NC / 041238 / 2014 PE / PA / 079014 / 2011 PE / SC / 31607 / 2014 PE / VA / 0402048517 / 2011 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Dr. Acheampong has extensive experience in geotechnical, pavement, geological, structural, dam and civil engineering, design/build experiences that includes analysis, design and preparation of specifications, and constructible innovation in both the private and public sectors. He has multidisciplinary technical background in geo-forensics, geo-structures and geoenvironmental, and has performed subsurface investigations and in-situ testing, shallow and deep foundations, ground improvements, slope stability, and retaining walls design. He has expertise in site-specific geologic and seismic hazard evaluations and liquefaction analysis. With expertise in structural and geotechnical, he brings unique insights into complex ground and foundation problems; and by integrating construction knowledge and experience into the design process has proved invaluable in developing creative and value-engineered solutions for several projects. He has demonstrated leadership competencies by fostering team building and effective project delivery for counties, states, and federal agencies. 19. RELEVANT PROJECTS (1) TITLE AND LOCATION (City and State) Horizontal Engineering AE Design and CM Services, Prince George's CONSTRUCTION (If Applicable) PROFESSIONAL SERVICES County, MD 2020 N/A (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE x Check if project performed with current firm Senior Geotechnical Engineer. Under this ten-year, IDIQ contract, KCI provided multi-disciplined planning, engineering, and construction services to perform transportation and drainage improvement projects. Services provided include civil/structural engineering, traffic engineering, landscape architecture, right of way acquisition services, geotechnical engineering, professional survey, construction inspection and management, community outreach, environmental studies, transportation planning, legal assistance, and supplemental services. Piscataway Drive Slope Stabilization Geotechnical Studies, Transportation Design and Construction Management: This project involves repair of a major slope failure that left 26 homes without access. Dr. Acheampong was responsible for subsurface explorations and preliminary geotechnical evaluations for repairing the approximately 1,500-foot section of failing slopes and ground movements along Piscataway Drive. Dr. Acheampong's team performed 15 soil test borings, 10 cone penetration tests; and installed one piezometer to explore the subsurface conditions. Six inclinometers were installed to monitor ground movements. Preliminary site evaluations, analyses and review of historic information, showed that the existing Marlboro Clay stratum, coupled with rapid rainfall made the site susceptible to slope failures. KCl's team designed driven H-piles to stabilize the slope and the roadway, and monitored the installed instrumentation during construction. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED Ellicott City Main Street Improvements (CA 23-2013), Howard County PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2019 Ellicott City, MD N/A (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE x Check if project performed with current firm Geotechnical Engineer. KCI provided engineering and design services for the proposed improvements to Main Street. KCI is providing field survey, field reconnaissance services, utility research / designation and survey, and laser scanning survey and mapping for the entire reach of Ellicott City Main Street encompassing five sites. This task also includes 65% and 95/100% design services for the second site, including field survey, field investigation, geotechnical boring, engineering analysis and design, and preparation of design drawings and documents. Mr. Acheampong performed two soil auger probes to visually classify the soil and determine short-term ground water conditions at the Main Street Improvement Site to support the SWM design and construction documents. (1) TITLE AND LOCATION (City and State) Prince George's County Storm Drain Inventory Field Verification PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2021 N/A (Phase III) (S10-029), Prince George's County Prince George's, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE x Check if project performed with current firm Senior Project Manager. KCI provided support to Prince George's County by facilitating assistance in the continuation of the storm drain inventory and condition assessment; supported the County by oversight of multiple consultants performing data capture; provided continuous support for maintenance of data collection application, dashboards, and

collaboration, and provided quality control of submitted storm drain features from all consultants involved.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.) 13. ROLE IN THIS CONTRACT 12. NAME 14. YEARS EXPERIENCE a. TOTAL b. WITH CURRENT FIRM C. ALLEN PAUGH, PLS Senior Project Surveyor 44 15. FIRM NAME AND LOCATION (City and State) KCI Technologies, Inc., Fulton, MD 16. EDUCATION (Degree and Specialization) 17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) AA / 1982 / Surveying Technology / Catonsville Community College PLS / MD / 475 / 1989 AA / 1979 / General Studies / Essex Community College LS / WV / 917 / 2019 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Paugh organizes and coordinates the work of personnel engaged in surveying, checks the accuracy of the work, and estimates field survey costs. Mr. Paugh is skilled in the preparation of large topographic and boundary surveys, and computations for GPS surveys. His expertise includes the ability to verify existing legal descriptions of properties, and he provides accurate depiction of easements and right-of-ways, existing utilities and roadways, topography, wetlands, significant structures and facilities on site as required to support general site development. 19. RELEVANT PROJECTS (1) TITLE AND LOCATION (City and State) Flood Elevation Surveys and Certificates (CA 08-29), Howard County CONSTRUCTION (If Applicable) PROFESSIONAL SERVICES Howard County, MD 2021 N/A (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE x Check if project performed with current firm Project Manager. KCI had an open-end contract with Howard County to supply elevation certificates for any home owner or commercial business in Howard County. To date, KCI completed approximately 300 individual elevation certificates throughout all regions of the county. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED Horizontal Engineering AE Design and CM Services (PGCo 2010-PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2020) (S10-029), Prince George's County 7/1/2020 N/A Prince George's County, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE x Check if project performed with current firm b. **Surveyor.** Under this ten-year, IDIQ contract, KCI provided multi-disciplined planning, engineering, and construction services to perform transportation and drainage improvement projects. Services provided include civil/structural engineering, traffic engineering, landscape architecture, right of way acquisition services, geotechnical engineering, professional survey, construction inspection and management, community outreach, environmental studies, transportation planning, legal assistance, and supplemental services. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED Indoor Firearms Range, Smolen - Emr - Ilkovitch Architects PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2020 Upper Marlboro, MD N/A (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE x Check if project performed with current firm Surveyor. KCl is providing site/civil and geotechnical engineering, surveying, and resource management services for the design of an indoor firearm range to be master planned on a 133-acre site off of Ritchie Marlboro Road. The facility will include multiple length firing lanes each with capture and containment equipment, assorted sizes of academic training rooms equipped with electronics for visual and audio presentations, lighting systems for 24 hour per day use, lunch room, instructor suites and appropriate parking, exterior lighting, security fencing and gates, storm drainage, water, sewer, communications, stormwater, and landscaping. Also included is a natural resources inventory/forest stand delineation and forest conservation plan. Geotechnical borings to a depth of 30' for the building and six others for stormwater management facilities. Plans will be submitted to the architect electronically at the combined schematic/design development, 50%, 95% and 100% construction documents, bidding phase, construction administration phases. KCI will prepare plans for submission to DPIE, M-NCPPC, and WSSC. Mr. Paugh provided site survey for the 30 acres of disturbed area and surrounding area and completed a full boundary survey. Plats and easement documents were prepared and used by the design team for permitting. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED Jesse Warr Recreation Center ADA Compliance Study, Maryland-PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) National Capital Park and Planning Commission (PG) 2019 N/A Hyattsville, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE x Check if project performed with current firm Surveyor. In order to obtain a Permanent Use and Occupancy Permit, DPIE required an as-built drawing showing ADA Compliance with the Maryland Accessibility Code 2012, from the handicap parking, along the concrete sidewalk and up the concrete pathway with a portion having handrails leading to the main entrance of the building. KCI conducted field topographic surveys of each panel of sidewalk on the site and used cross slopes and running slopes with a "Smart Level" to determine compliance. Designs were prepared for the new walks and ramps to be constructed in compliance with MAC 2012 regulations.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.) 13. ROLE IN THIS CONTRACT 12. NAME 14. YEARS EXPERIENCE a. TOTAL b. WITH CURRENT FIRM **JAMES WILSON, PE** Construction Manager 42 15. FIRM NAME AND LOCATION (City and State) KCI Technologies, Inc., Sparks, MD 16. EDUCATION (Degree and Specialization) 17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) MS / 1984 / Civil & Environmental Engineering, Structural PE / MD / 14048 / 1984 Engineering Emphasis / University of Maryland **USACE Construction Quality Management for Contractors** BS / 1980 / Civil Engineering / University of Maryland 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) With more than 40 years of experience as an engineering manager and registered professional engineer with consulting firms as well as three different public works agencies (MDOT SHA, Howard County DPW, and Prince George's County DPW&T) Mr. Wilson has diversified and extensive experience delivering quality projects. Mr. Wilson's responsibilities include design and construction of roads, bridges, drainage systems and stormwater facilities. His construction experience also includes water and sewer facilities, buildings, parks and recreation facilities and a golf course. As a construction manager, he has been responsible for all phases of contract administration including shop drawings; RFI; progress meetings; project records management; invoicing and billing; change orders; as built drawings; and close outs. As a construction project manager he has been responsible for project schedules, budgets, quality assurance and conflict and claim resolution. In the role of providing quality control, he has been responsible for a materials testing lab, plant inspections, on site materials testing, direct inspection of the construction to ensure compliance with the approved plans and specifications. Mr. Wilson is a former Chief, Highways and Bridge Division with Prince George's County responsible for the design and construction of the county bridges under the Federal Aid Bridge program. 19. RELEVANT PROJECTS (1) TITLE AND LOCATION (City and State) Annapolis Harbour Center Pond Retrofit, Anne Arundel County, MD PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2021 N/A (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE x Check if project performed with current firm **Project Manager.** The purpose of this project was to retrofit the existing stormwater management pond at the Annapolis Harbour Center to meet Anne Arundel County's objectives to improve water quality treatment based on the County's and the State of Maryland's nutrient reduction and impervious area treatment goals. In Mr. Wilson's role as project construction manager, he is leading meetings, preparing minutes, coordinating between stakeholders, and solving job site problems. (2) YEAR COMPLETED (1) TITLE AND LOCATION (City and State) Brandywine Highway Maintenance Facility, Prince George's County, PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) MD Ongoing N/A (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE x Check if project performed with current firm Contract Manager. Under an on-call contract with the county, KCl is providing construction management services for the new facility which consists of three buildings: a salt storage building with a capacity to store 10,000 tons of salt; a maintenance building consisting of a wash bay, a vehicle maintenance garage, bunk rooms, and office space; and a storage shed. As Contract Manager, Mr. Wilson served as liaison between KCI and the County to ensure that KCI's work products and deliverables complied with applicable standards and other appropriate quidelines. He assigned and allocated KCl's resources, and coordinated the utilization of personnel with other contracts. (1) TITLE AND LOCATION (City and State) Horizontal Engineering AE Design and CM Services (PGCo 2010-PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2020) (S10-029), Prince George's County 7/1/2020 N/A Prince George's County, MD (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE x Check if project performed with current firm Contract Manager. Under this ten-year, IDIQ contract, KCI provided multi-disciplined planning, engineering, and construction services to perform transportation and drainage improvement projects. Services provided include civil/structural engineering, traffic engineering, landscape architecture, right of way acquisition services, geotechnical engineering, professional survey, construction inspection and management, community outreach, environmental studies, transportation planning, legal assistance, and supplemental services. As Contract Manager, Mr. Wilson maintained the overall authority and responsibility for the execution of the contract. He was responsible for administration and coordination of activities required for the successful administration of the contract. Mr. Wilson ensures that KCl's work products and deliverables comply with applicable standards and other appropriate guidelines. He also assigns and allocated KCl's resources, and coordinates the utilization of personnel with other contracts. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED

products and deliverables comply with applicable standards and other appropriate guidelines. He also assigns and allocated KCl's resources, and coordinates the utilization of personnel with other contracts.

(1) TITLE AND LOCATION (City and State)

Construction Management Services for Systemic Renovation

Projects in the FY-2017 Capital Improvement Plan (PGCPS), Prince

George's County Public Schools Prince George's County, MD

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

 $\,{\rm x}\,$ Check if project performed with current firm

Project Manager. As Project Manager, Mr. Wilson served as liaison between KCI and the County to ensure that KCI's work products and deliverables complied with applicable standards and other appropriate guidelines. He assigned and allocated KCI's resources, and coordinated the utilization of personnel with other contracts.

	F KEY PERSONNEL PROPOSED		ACT	
(C	omplete one Section E for each k	ey person.)		
12. NAME	13. ROLE IN THIS CONTRACT		14.	YEARS EXPERIENCE
ION VENCU			a. TOTAL	b. WITH CURRENT FIRM
JON YENCH	Senior Construction Inspect	or	24	19
15. FIRM NAME AND LOCATION (City and State)				
KCI Technologies, Inc., Sparks, MD				
16. EDUCATION (Degree and Specialization)	17. CURRENT PRO	OFESSIONAL REGISTRATI	ION (State and D	iscipline)
	MDE Erosion	and Sediment Co	ntrol Respon	nsible Personnel
	OSHA 10-Hou	ur Training		
	OSHA Confin	ed Space Entry Tr	raining	
	SHA ADA			
	ADA Complia	nce Awareness		
	NETS Radiati	on Safety Officer		
	ACI Concrete	Field Testing Tec	chnician - Gr	rade I

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Yench has more than 17 years of extensive experience in construction management, inspection and testing, including responsibilities for inspection documentation, document control (correspondence, submittals, RFIs, and punch list development and tracking), and project close-out documentation. His experience with KCI has included both public and private sector clients, and includes projects with Howard County CID, the U.S. Army Corps of Engineers and U.S. Army Medical Command. Mr. Yench has also been responsible for managing KCI's training program for entry-level technicians which involved training in the testing of soils, aggregates, asphalt and concrete.

19. RELEVANT PROJECTS			
(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED	
Brooklyn Park Complex, Anne Arundel County	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)	
Anne Arundel, MD	Ongoing	N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLF	x Check if project performed with o	current firm	

Senior Construction Inspector. KCI is providing Owners Representative service to the Anne Arundel County Department of Recreation and Parks for the improvement for the sports facility at Brooklyn Park Middle School, a project partnered with the Cal Ripken Foundation. This new park complex for Anne Arundel County is in Brooklyn, Maryland. The project starts with the removal of the existing outdated sports facilities. The new park will have artificial turf multi- sport athletic field with stadium seating and scoreboards, a new track and field complex, field lighting, concession, stands, and other related facilities. The project is still in the development phase. KCI has provided multiple constructability reviews that included site visits, document reviews and utilization of drone video allowed the project team to evaluate proposed improvements with existing conditions. Drone video was taken and supported with a Go Pro camera. KCI also provided cost estimating and participated in the discussions with the contract team about budget and schedule. KCI's continued services will include construction contract management including schedule review, contractor invoice and payment verification, coordination between the Contract Team and the County, Construction quality control, will include onsite inspection, performance monitoring, independent review of work quality and contractor compliance with specifications. Ongoing construction progress monitoring and quality oversight will include regular drone imaging.

(1) TITLE AND LOCATION (City and State)	(2) YEAR	COMPLETED
Construction Inspection, Engineering & Administrative Services On-	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Call Contract (2016-2020), Howard County	2020	N/A
Howard County, MD		
(9) PRISE PEOPLICATION (P.)	0. 1.16 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

x Check if project performed with current firm

Construction Inspector. KCI provided construction inspection services for a seventh consecutive, five-year open-end contract involving capital and developer projects such as roadway and drainage projects. The work efforts include field inspection and report documentation, photographic documentation and videotaping, preparation of as-built drawings, construction management services and claims analysis, material testing and analysis, and laboratory testing and analysis for soils and concrete. Services are performed in accordance with the Howard County Design Manual, all applicable codes, and local, State, and National design standards. Mr. Yench was assigned to the Howard County Construction Division to provide Construction Inspection on Capital and Developer projects as assigned by the CID. He assured the contractor and developer sit construction compliance to fit County standards as established in the Howard County Design Manual, Volume IV. The CID inspection ensured that capital and developer projects were constructed in accordance with the contract documents which included written agreements, approved plans, and specifications. Mr. Yench's inspections included a number of construction improvements; capital projects; developer projects; large diameter pipe plumbing; underground utility installations; inspection of construction improvements to roads; bridges; utilities, and grass areas, all of which were located outside of residential or commercial. buildings. The Capital projects included improvements to transportation, park, water, and wastewater projects. These projects included: bridges; parks; roads; sidewalks; stormwater management facilities; water distribution systems; wastewater collection systems; elevated water tanks, and pumping facilities. As for the Developer projects Mr. Yench worked on, they were managed by private entities to construct housing or businesses. These projects included residential neighborhoods, commercial areas for retail business use, and industrial areas for the purpose of manufacturing or processing. Construction on these projects often included roads and utility systems that were dedicated to public use as well as site grading and stormwater management facilities.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.) 12. NAME 13. ROLE IN THIS CONTRACT 14. YEARS EXPERIENCE WITH CURRENT FIRM TOTAL Nate B. Salnick, SE, PE, LEED Green Senior Structural Engineer 17 17 Associate 15. FIRM NAME AND LOCATION (City and State) GPI/Greenman Pedersen, Inc., GPI Metro DC Branch Offices EDUCATION (DEGREE AND SPECIALIZATION) 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE BAE / Architectural Engineering, Structural Option Licensed in DC, MD, VA, AK IA, IL, ND, NV, PA, OR, MAE / Architectural Engineering, Structural Option UT, VT, WA // Professional Engineer 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Nate Salnick has worked on a diverse range of project sizes, building uses, and structural framing systems, ranging from the renovation of historic structures to new mid-rise buildings. Nate achieved the LEED Green Associate credential in 2011 and leads Holbert Apple Associates' efforts in the area of environmentally sustainable design and LEED requirements. Nate is also active in the American Society of Civil Engineers, the American Institute of Steel Construction, the American Concrete Institute, and the U.S. Green Building Council. He is currently a Board Member of the Structural Engineers Association of Metropolitan Washington D.C. and serving on the SEA-MW SEER Committee. 19. RELEVANT PROJECTS (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED National Institutes of Health - Building 10 ACRF - Vault 11 PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2014 2017 Bethesda, Maryland (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Structural Engineering/Project Manager for major upgrades to an existing electrical room located on Level 14 in the massive NIH Building 10 building complex. The project consisted of surveying the existing structural conditions and analysis of the existing Level 14, 15, and roof cast-in-place concrete structures to support and accommodate the installation of new electrical equipment (weighing from 1,500 lbs. to 28,000 lbs.). A new structural steel framing platform was designed and detailed at Level 15, to infill an existing open two-story space and to support four new electrical transformers (weighing approximately 15,000 lbs. each). (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED Federal Bureau of Prisons – 2nd through 5th Floor Renovations PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2017 2019 Washington, D.C. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm b. Structural Engineering Project Manager for the renovation of the 2nd through 5th Floors. The structural scope included analysis of the existing structure to support additional load from safes, various equipment, storage areas, and several large high-density filing systems. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) **Charles River Laboratories - Multiple Renovation Projects** 2017 2019 Kingston, New York (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Structural Engineering Project Manager for multiple renovation projects at a large research facility. The projects C. generally included support of new mechanical and electrical equipment on the existing building slab-on-grade, on new exterior concrete pads, on new interior and exterior mezzanines, and on existing roof structures. Some projects included cutting of new roof and wall openings and infilling of existing openings. One (1) project included a small building addition. (1) TITLE AND LOCATION (City and State) (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) **XCorp Office Building** Stafford, Virginia (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Structural Engineering Project Manager for this new three (3) story, 30,000 sq. ft. office building. Under a separate contract, tenant fit-out services were provided which included support of multiple operable partitions. UPS systems in the data center, and extensive light gauge framing for multi-level ceiling soffits at a large conference center. (2) YEAR COMPLETED (1) TITLE AND LOCATION (City and State) U.S. Food & Drug Administration - 4th through 7th Floor PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2017 2019 Renovations Beltsville, Maryland (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Structural Engineering Project Manager for the renovation of the 4th through 7th Floors. The structural scope included analysis of the existing structure to support a hung operable partition, various equipment, storage areas, and several large high-density filing systems.

(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

1

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED		
Multi-Service Center, City of Laurel IDIQ, Laurel, MD	PROFESSIONAL SERVICES 2021	CONSTRUCTION 2022-TBD	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Laurel, Sub to KCI Technologies	Stephen Jerrick	410-792-8086 Stephen.Jerrick@kci.com

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

Relevance:

- Project in Prince George's County
- On-Call Services
- Architectural Design Services
- MEP Engineering Design Services
- Public Facility

Project Delivery Method:	Design-Bid-Build
Square Footage:	42,000
Project Duration:	2021-2022
Value:	\$TBD

Project Summary:

Arium AE is providing full architecture and MEP engineering design services for a 42,000 sq. ft. multi-service center for the City of Laurel. This is a task order from an On-call contract. Arium is a sub-consultant to prime, KCI Technologies.

This 2-phased project involves converting an existing fitness center/gym into a multi-service center serving needs of a transient population as well as a community center/gym. This community center is intended to be operated independently. Phase I includes creating a separate community gym that includes the gym itself, a multipurpose room, a reception area, a storage room and restrooms serving the space. A new exterior entry to the gym will be required. Sprinklers will be added to the gym as well as the remaining portions of the building. HVAC systems in the space will be replaced as required. A new roof will replace the existing roof over the gym addition to the building. The parking lot will be modified to provide dedicated service to the gym and screen the adjacent building use. The goal of the first phase is to get the gym operational and occupied.

Phase II will include the renovations of the remaining portions of the building, including space to serve as temporary shelter.

Key Personnel Involved:

Arium AE:

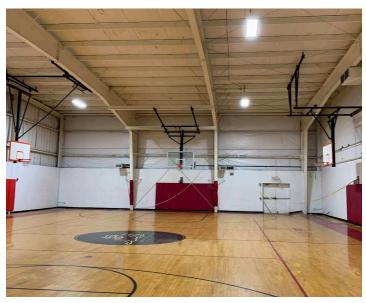
- Brian Frels, AIA, NCARB Role: Project Principal, Architect
- Scott Walthour, PE Role: MEP Engineer Principal
- Greg Baldwin, PE Role: Lead Electrical Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Arium AE, LLC	Columbia, MD	Subconsultant: Architecture, MEP Engineering
b.	KCI Technologies	Columbia, MD	Prime: Civil, Geotech, Survey

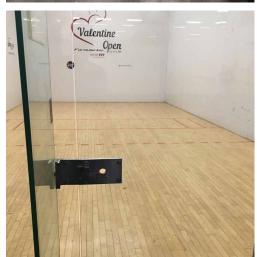
Complete one Section F for each project.)

BEFORE - existing conditions of City of Laurel multi-service center - currently under renovation











(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

2

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED		
Prince George's County Public Schools IDIQ A&E Services Prince George's County, MD	PROFESSIONAL SERVICES 2019	CONSTRUCTION Ongoing	
5			

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Prince George's County Public Schools	Dawn Holton, PE	240.573.7046;
	,	dawn.holton@pgcps.org

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

Relevance:

- Project in Prince George's County
- On-Call Services
- Public, educational project
- Architecture & Engineering services
- Evaluation of ADA deficiencies

Project Delivery Method:	Design-Bid-Build
Square Footage:	10,000 SF - 65,000 SF
Project Duration:	2019-Ongoing
Value:	\$150,000K - \$1.7M

Project Summary:

Arium AE was selected by the Prince Georges County Public School System to assist in responding to various on call Architecture & Engineering services.

The first project Arium was called upon to assist with was creating an electrical specifications booklet for all Prince George's County Public School projects. Arium collaborated with the PGCPS master electrician and building engineers to modify the existing spec to meet the county's updated and new standard requirements. This template will provide a basis for all design and requirements moving forward.

Additional projects have included:

- Phyllis Williams Elementary School Arium provided full MEP renovation.
- Thurgood Marshall Middle School Arium provided MEP engineering for an HVAC replacement project. New design included the addition of a cooling system to serve the gymnasium.
- Additionally, Arium has provided 28 Peer Reviews for Prince George's County Public Schools, including new design and renovations.

Key Personnel Involved:

Arium AE:

- Stephanie Bounds Nunn, AIA Role: Principal, Architect
- Brian Frels, AIA, NCARB Role: QAQC, Principal
- Scott Walthour, PE Role: MEP Engineer Principal
- Greg Baldwin, PE Role: Lead Electrical Engineer
- AJ Hannon, PE Role: Mechanical & Plumbing Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Arium AE, LLC	Columbia, MD	Architecture, Interior Design, MEP Engineering

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

2





(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

3

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
Howard County Public Schools IDIQ, Howard County, MD	PROFESSIONAL SERVICES 2019	construction 2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Howard County Public Schools	Herbert Savje	410.313.7088; Herb_Savje@hcpss.org

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

Relevance:

- On-call Services
- Public, educational project
- Evaluation of ADA deficiencies
- Verified Code & Regulation Compliance

Project Delivery Method:	Design-Bid-Build
Square Footage:	500 SF per school
Project Duration:	2019
Value:	\$150K approx

Project Summary:

Arium AE was selected by the Howard County Public School System to assist in responding to the ADA deficiencies in various rooms across nine schools. The first task Arium completed was a tour of the listed schools to review the existing conditions as referenced in the report. Next, Arium provided a Site Visit Memo that outlined the observed conditions and the intended approach for addressing the deficiencies. A few of the noted items included existing three station cast iron wall sink with exposed drain lines leading to cleanout basket encroaching the required toe clearance, exposed copper supply lines, and incorrect counter heights at sinks. One of the schools required a design concept for adding an ADA compliant water closet stall in the existing gym locker room restrooms along with modifications to the existing sinks to be ADA compliant.

Arium provided drawings to include specifications, plans and details for replacement of accessible sinks, cleanout baskets, and insulation as required to meet ADA within each of the classrooms. HCPSS requested Arium to aid during the bid process and met with the selected contractor to review submittals as well as possible value engineering options for completing the proposed work. Once the work was installed, Arium re-visited each location in the schools to confirm ADA compliance was met. In a few locations, Arium worked with the contractor to make sure they modified the installation as necessary to meet all ADA requirements.

Arium's Design team worked together with HCPSS representative's to develop solutions for each unique location. After developing drawings outlining the remediation required, Arium also assisted with Pre-Bid meetings and scope review with the perspective bidders for the project.

The schedule for the project was to be expedited to facilitate completion of all work during the summer school holiday. Site surveys, design, and drawing preparation occurred during the school year while classes were in session. Access was coordinated with each School's administrative team to ensure it was not disruptive to any students or teachers. The bid phase, contractor selection, and all required submittals were processed before school released for the summer to ensure that the work would be completed in the allotted time frame before school resumed.

Key Personnel Involved:

Arium AE:

- Brian Frels, AIA, NCARB Role: Principal, Architect
- Stephanie Bounds Nunn, AIA Role: Principal, Architect
- Scott Walthour, PE Role: MEP Engineer Principal
- Greg Baldwin, PE Role: Lead Electrical Engineer
- AJ Hannon, PE Role: Mechanical & Plumbing Engineer

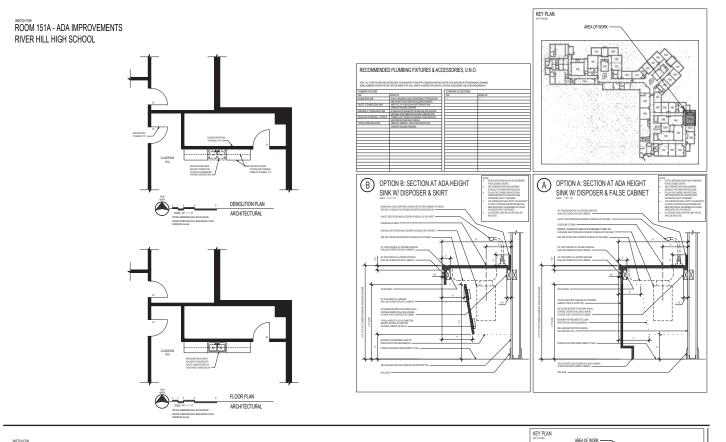
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Arium AE, LLC	Columbia, MD	Architecture, Interior Design, MEP Engineering

20. EXAMPLE PROJECT KEY NUMBER

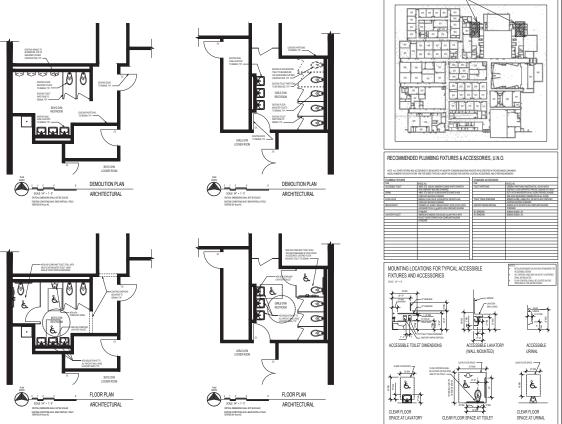
3

(Present as many projects as requested by the agency, or 10 projects, if not specified.

Complete one Section F for each project.)



GYM RESTROOMS - ADA IMPROVEMENTS CENTENNIAL HIGH SCHOOL



(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

4

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
Prince George's County Third Party Permit	PROFESSIONAL SERVICES	CONSTRUCTION
Review Program, Multiple Projects,	2013-Ongoing	N/A; Varies
Prince George's County, MD	3 2	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Prince George's County Department of Permitting, Inspections and Enforcement	Bellur S. Ravishankar	(301) 883-5837

^{24.} BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS PROJECT (The description should include actual construction cost, in thousands.)

Relevance:

- Project in Prince George's County
- On-call Services
- Permit Peer Review project
- Successfully reduced permitting schedules
- Completed multiple concurrent permit peer reviews

Project Delivery Method:	N/A - Peer Review
Square Footage:	varies up to 500,000+ SF
Project Duration:	2013 - Ongoing
Value:	Ranges: \$1M – \$5M

Project Summary:

Partners Arium AE and GPI/Holbert Apple Associates has lead teams of 3rd Party Permit Reviewers in the review of over 200 permit review projects in Prince George's County, Maryland. Projects range from tenant fit-out renovations to large new residential projects in excess of 500,000 sq. ft. to unique facilities such as the Capital Wheel at National Harbor and amusement rides at Six Flags. We have a history of successfully completing multiple concurrent permit peer reviews. The review team has been extensively involved with DPIE's Peer and 3rd Party Permit Review Programs since the Fall of 2013, and for the Prince George's County Public School's capital improvement projects for the past several years.

As peer review team leader, we develop schedules for reviews, assembles and publishes comments from each design discipline's review and tracks comments in a spreadsheet that has been developed in-house specifically for these reviews.

The permit reviews have successfully reduced permitting schedules for project developers, particularly on larger developments.

Key Personnel Involved:

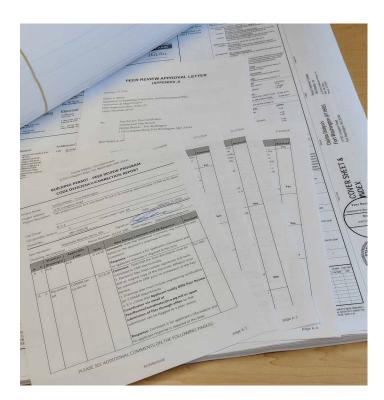
Arium AE:

- Brian Frels, AIA Role: Principal, Architect / QAQC
- Stephanie Bounds Nunn, AIA Role: Principal, LEED
- Scott Walthour, PE Role: Principal, MEP
- Gregory Baldwin, PE Role: Lead Electrical Engineer
- AJ Hannon, PE Role: Mechanical & Plumbing Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Arium AE, LLC	Columbia, MD	Architecture, Mechanical, and Electrical Plan Reviewer
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
b.	GPI/Holbert Apple Associates, Inc	Olney, MD	Third-Party Review Team Lead and Structural Plan Reviewer

Complete one Section F for each project.)

4





Prince George's County Peer Review for new design of Hyattsville Branch Library. Completed review 2019.



Prince George's County Peer Review for new design of William Wirt Middle School. Completed review 2020.

(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

5

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
University of MD, Division of IT Riverdale, MD	PROFESSIONAL SERVICES 2018 - 2019	CONSTRUCTION 2020

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
University of Maryland / COPT	Joseph Drasin, Senior Director Enterprise Planning and Continuous	301-314-1019 jdrasin@umd.edu
	Improvement	

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

Relevance:

- Project in Prince George's County
- Office space renovation
- Institutional project
- Architecture, Engineering, Interior Design Services
- Evaluation of ADA deficiencies
- Verified Code & Regulation Compliance

Project Delivery Method:	Design-Bid-Build
Square Footage:	54,843 SF
Project Duration:	2020-2021
Value:	\$2.1M approx

Project Summary:

Arium AE provided full architecture and MEP engineering design services for this University of Maryland renovation project in Riverdale, MD. A centralized IT division space was created through the consolidation of staff from various buildings across the University of Maryland campus.

The Arium team delivered an open and inviting office space that not only facilitated but encouraged real-time collaborative work. Exposed ceilings featured integrated building systems and acoustical accents.

The project was saddled with a rigid 8-month design and construction window for the full renovation of three floors. Arium's integrated design and permitting teams rose to the challenge and delivered the project on schedule and ready for students to arrive back to the campus in the fall.

Key Personnel Involved:

Arium AE:

- Stephanie Bounds Nunn, AIA Role: QAQC, Principal
- Brian Frels, AIA, NCARB Role: Principal, Architect of Record
- Scott Walthour, PE Role: Principal, MEP
- Gregory Baldwin, PE Role: Lead Electrical Engineer
- AJ Hannon, PE Role: Mechanical & Plumbing Engineer
- Madeline Mirecki, LEED AP BD+C Role: Leading Interiors

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Arium AE, LLC	Columbia, MD	Architecture, Interior Design, MEP Engineering

20. EXAMPLE PROJECT KEY NUMBER

5

(Present as many projects as requested by the agency, or 10 projects, if not specified.

Complete one Section F for each project.)







(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

6

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
Authority Brands Office Renovation	PROFESSIONAL SERVICES	CONSTRUCTION
Columbia, MD	2018	2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Authority Brands / Abrams Development Group	Rob Weddle	800-496-9019

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

Relevance:

- Office project
- Planning Services
- Architecture, Engineering, Interior Design Services
- Evaluation of ADA deficiencies
- Verified Code & Regulation Compliance

Project Delivery Method:	Design-Bid-Build
Square Footage:	29,700 SF
Project Duration:	2018-2019
Value:	\$1.7 M approx

Project Summary:

Arium AE provided full Interior Design, Architecture, and MEP engineering design services for the Authority Brands' corporate office in Columbia, MD.

The contemporary office space is designed with a modern neutral palette and expansive exposed ceilings. Flexible on-demand meeting spaces of various sizes were employed throughout which were critical to balance the varying meeting space needs. The office spaces were fitted with full-glass fronts and acoustical ceiling accents. The project included a large server room expansion and upgraded HVAC equipment and distribution networks that were woven seamlessly into the workspace.

Arium also assisted with the furniture selections for the offices, workstations, and meeting spaces with specified durable and maintainable materials and finishes, which enhance the corporate branded image. A complete FF&E package was provided.

Key Personnel Involved:

Arium AE:

- Stephanie Bounds Nunn, AIA Role: Principal, Architect of Record
- Brian Frels, AIA, NCARB Role: QAQC, Principal
- Scott Walthour, PE Role: Principal, MEP
- Gregory Baldwin, PE Role: Lead Electrical Engineer
- AJ Hannon, PE Role: Mechanical & Plumbing Engineer
- Madeline Mirecki, LEED AP BD+C Role: Leading Interiors

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Arium AE, LLC	Columbia, MD	Architecture, Interior Design, MEP Engineering

Complete one Section F for each project.)

6









(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

TION

21. TITLE AND LOCATION (City and State)	22. YEAR C	OMPLETED
Chesapeake Math and IT Public Charter School, South Middle/High School, Upper Marlboro, MD	PROFESSIONAL SERVICES 2015	CONSTRUCT 2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Chesapeake Lighthouse Foundation	Eric Derin, Director of Operations	301-776-2300, ext.114;
, ,	, i	ederin@clfmd.org

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

Relevance:

- Project in Prince George's County
- Adaptive Re-use project
- Long-term Client
- Pre-Design Design leadership in Scheduling, Planning, Value Engineering, Constructability and Phasing Review
- Architecture, Engineering, Interior Design Services
- Construction Management Support Services –
 Construction Administration, progress meetings, site observation, value engineering, scheduling, change orders, and issue resolution

Project Delivery Method:	Design-Bid-Build
Square Footage:	100,500 SF
Project Duration:	2015 - 2016; (+2017 canopy addition)
Construction Value Phase I:	\$6,568,365
Construction Value Phase II:	\$2,636,825

Project Summary:

Chesapeake Lighthouse Foundation (CLF) has engaged Arium AE exclusively for all of their ongoing design tasks since 2009. Over the past 12 years, Arium AE has assisted CLF with a range of projects including: an adaptive reuse of 42,000 SF government office building into a combined middle and high school, a gymnasium/locker room building addition, and several building renovations. CLF continued to experience growth, and in 2016 Arium completed an adaptive use for a 100,500 SF building. In 2017, Arium provided design services for North High School, the first project for CLF that was entirely new construction.

The CMIT South Middle/High School in Upper Marlboro, Maryland, was a 100,500 square foot adaptive re-use for a combined school, grades 6 -12. The design consisted of house classrooms, labs, full size gymnasium, cafeteria, indoor soccer field, and auditorium. The project was completed in two phases to align with the progression/expansion of the high school population. Phase II included owner scope changes.

Arium AE provided full architectural, interior design, and MEP engineering services for this project. We also provided permit expediting and construction administration services throughout the construction of the building.

CLF came back to Arium to design an exterior canopy for the school's main entrance after the main building renovation was complete and open.

Key Personnel Involved:

Arium AE:

- Stephanie Bounds Nunn, AIA Role: Principal, Architect
- Brian Frels, AIA, NCARB Role: QAQC, Principal
- Scott Walthour, PE Role: MEP Engineer Principal
- Gregory Baldwin, PE Role: Lead Electrical Engineer
- AJ Hannon, PE Role: Mechanical & Plumbing Engineer

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Arium AE, LLC	Columbia, MD	Architecture, Interior Design, MEP Engineering
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
b.	GPI/Holbert Apple Associates, Inc	Olney, MD	Third-Party Review, Structural Plan Reviewer

20. EXAMPLE PROJECT KEY NUMBER

7

(Present as many projects as requested by the agency, or 10 projects, if not specified.

Complete one Section F for each project.)





(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

8

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
Welltower Medical Center Entrance Canopy Columbia, MD	PROFESSIONAL SERVICES 2020	CONSTRUCTION 2022 (TBD)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Welltower, Inc.	Rebecca Posey	410.740.0470;
	,	rposey@welltower.com

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

Relevance:

- Public Use Facility
- Addition/new construction
- Architectural Design Services
- MEP Engineering Design Services
- Construction Administration Services

Project Delivery Method:	Design-Bid-Build
Square Footage:	N/A
Project Duration:	2020-2022
Value:	\$444,200 approx

Project Summary:

Arium AE provided architectural and engineering design services for the design of a new exterior canopy addition at 10710 Charter Drive medical facility in Columbia, MD. Arium's scope included architectural and lighting design for the canopy, and permitting services.

Under second contract, Arium assisted with bidding and construction administration for the new exterior canopy. We utilized the completed construction documents for the canopy addition in our bidding efforts. We used our front-end specifications to generate a bid document for client's review and comment. We coordinated with the client to create a list of preferred general contractors (GC's) and suggest additional GC's as required to reach three total bidders. We sent invites to the GC's and coordinated the site meeting. Arium responded to one round of bidder comments and questions. Upon receiving all bids, we created a bid comparison form for client's review so they could award the project.

Arium performed Construction Administration tasks such as responded to RFI's from the contractor, reviewed shop drawings, attended progress meetings, and prepared a punch list at project completion.

Constructing this canopy at a busy medical office poses some logistical challenges. The Arium team was ideally suited to properly plan and execute the work, taking into consideration safety, project duration and quality of work.

Key Personnel Involved:

Arium AE:

- Brian Frels, AIA, NCARB Role: QAQC, Principal
- Scott Walthour, PE Role: MEP Engineer Principal
- Greg Baldwin, PE Role: Lead Electrical Engineer

	25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT						
	(1) FIRM NAME (2) FIRM LOCATION (City and State) (3) ROLE						
a.	Arium AE, LLC	Columbia, MD	Architecture, MEP Engineering				

Complete one Section F for each project.)

8



new entry canopy under construction





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)

A/E Open End Services, Laurel, MD Laurel Armory Renovations

22. YEAR COMPLETED						
PROFESSIONAL SERVICES	CONSTRUCTION					
Ongoing	Ongoing					

23.		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. PHONE NUMBER
City of Laurel	Christy Fang	(301) 725-0088

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

KCI has been selected for five consecutive four-year contracts to provide site planning, site/civil engineering, surveying, traffic engineering, construction administration, and testing services for the City of Laurel. Tasks assigned under the current contract include safety improvements to local streets, sidewalks, and trails; security lighting; and the design of recreational facilities including turf fields, picnic areas, and dog parks.

Laurel Armory Renovations. KCI performed site/civil engineering, structural engineering, geotechnical engineering, and MEP engineering design services for the Armory Community Center, a city-owned structure that was previously occupied by the United States Army Corps of Engineers.

KCI assisted the City of Laurel with determining the best way to utilize the lower level of the Armory and reconfigure the space. The development of the building was limited by building/fire code and the Maryland Historical Trust requirements. The project involved the modernization of the HVAC systems and incoming electric service serving the facility. KCI's scope of services in-cluded design phase submission, bidding support, and construction administration services. The HVAC upgrades on this project include the addition of a structural steel platform mounted 30-ton roof top unit serving the gym area, a structural steel plat-form mounted 5-ton roof top unit serving the office area, and a three high efficiency gas fired furnaces with split system air-conditioning units serving general spaces within the facility. The HVAC design for this project included analysis of the local codes to determine the proper ventilation requirements for the occupants in the facility. KCI's mechanical engineer also simu-lated these loads in the facility utilizing state of the art software determining the Hourly loads within the facility.

As mentioned above, the existing structure was unable to support the new equipment without the need for additional structural steel supports. The building was a masonry structure of sufficient capacity to support the proposed installation. The mechanical units were supported by a system of elevated steel beams attached to the surrounding masonry parapet walls.

The ductwork penetrated a masonry bearing wall to enter the building. The openings were fitted between existing roof beams so that the beam bearing on the masonry is not undermined. The openings were reinforced with steel plates on the sides and steel lintels above. As part of this upgrade, the interior gas piping for the facility was also upgraded. The incoming service meter was replaced and the piping to the new equipment was sized in accordance with the National Gas Code and NFPA requirements. Ductwork for the new HVAC systems was sized utilizing the equal static resistance method and SMACNA's design standards. The facility electrical service for the project was upgraded from an older single phase service to a new three phase service to not only support the cur-rent renovations but also allow the City of Laurel the capability of adding additional loads at a future date. The design was in accordance with both local and national code requirements and complied with the City of Laurel's electrical plan reviewer's request. Preliminary coordination with BG&E was performed for the City of Laurel in determining the service requirements and the location of the incoming overhead service.

As a follow on to a previous project, KCI conducted field surveys and prepared paving plans with milling and overlays or new paving sections for resurfacing of the Armory Parking lot and a six-foot wide bituminous trail through Cypress Street Park.

	25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT							
	(1) FIRM NAME	2) FIRM LOCATION (City and State)	(3) ROLE					
a.	KCI Technologies, Inc.	Sparks, MD Fulton, MD	Civil Engineering, Landscape Architecture, Mechanical Engineering, Electrical Engineering, Fire Protection Engineering, Environmental Engineering, Energy Management, Surveying					

20. EXAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION (City and State)

Largo Town Center Park - On-Call Engineering and Land Surveying Consultant Services, Prince George's County, MD

22. YEAR COMPLETED

2018 2018

PROFESSIONAL SERVICES

2	2	DР	OΙ	ECT	OWN	ED'S	INE	ORMA	пом
- 4	J.		\mathbf{U}			$\Gamma V \supset$			

a. PROJECT OWNER

b. POINT OF CONTACT NAME

c. PHONE NUMBER

CONSTRUCTION

Maryland National Capital Parks & Planning

Brian Stewart

301.454.1463

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

Under an on-call where KCI provides landscape architectural, surveying, and full-service engineering services to M-NCPPC on more than 100 projects over the last 20 years under several consecutive contracts, the following project was completed:

The project involved construction of a two-acre neighborhood park, which included a terrace garden promenade focused on an existing fountain in the Largo Town Center Lake. The promenade ended on a redesign boardwalk overlooking the lake. An ADA handicap access was provided providing access around either side of the promenade. The was a 10'x40' pre-engineered bridge and a water feature which was a splash pad but took the idea of a splash pad to another level, "Jumping Jewels". Landscaping, as well as bituminous concrete trails, retaining walls, and stone piers and metal fencing and bio-retentions were included in the site design. Other stone pavers were also incorporated into the project.

KCI completed the acquisition of DPIE permits, WSSC permits, Construction Administration and Permit closeout after the previous Landscape Architectural firm was released from their contract. KCI worked alongside the M-NCPPC Project Manager, Rene Albacete, RLA and their Inspectors Trevor Bourne and Brian Stewart to obtain permits for a project that was under scrutiny by a local Council person to have completed after the project was bid but failed to move forward due to a lack of permits. KCI obtained the final county approvals from the local Soil Conservation District and the applied for a Grading Permit.

KCI then was asked to perform Construction Administration Services for the project, reviewing RFI's, Shop Drawings, substitutions and attended bi-weekly meetings on the site. KCI also reviewed Contractors monthly requests for payment. At the end of the project, KCI completed a punch list for the site, electronic as-builts of the site, obtained the releases from WSSC for a 1" water service into the park, obtained the closure of the Grading Permits and MDE Permits, and overall closeout the project.





25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

2) FIRM LOCATION (City and State) (1) FIRM NAME (3) ROLE

Sparks, MD KCI Technologies, Inc. Fulton, MD

Civil Engineering, Landscape Architecture, Surveying

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)		27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE 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.)									
		,	1	2	3	4	5	6	7	8	9	10
Brian Fre	els	Project Director, Principal	X	X	X	X	X	X	X	X		
Stephan	ie Bounds Nunn	QAQC, Principal		X	X	X	X	X	X			
Kevin M	urray	Project Manager		X	X	X	X	X	X			
Madelin	e Mirecki	Interior Designer					X	X				
Scott Wa	althour	MEP Principal	X	X	X	X	X	X	X	X		
Greg Bal	Electrical Engineer	X	X	X	X	X	X	X	X			
AJ Hannon		Mechanical & Plumbing Engineer		X	X	X	X	X	X			
Stephen	phen Jerrick Civil Engineer											
Richard F	Hoehn											
Dr. Kofi B	Acheampong									X	X	
C. Allen F	Paugh	Project Surveyor									X	X
James W	ilson	Construction Manager									X	X
Jon Yencl	า	Construction Inspector										X
Nate Salı	nick	Structural Engineer										
NUMBER	TITLE OF EVALUE SO	29. EXAMI	PLE PŘ				/ A A A D !	DDO 150	T /F	Dooff- : T	7	
				NUMBER 6		, ,						
1						Authority Brands						
	, , , , , , , , , , , , , , , , , , , ,					CMIT Public Charter School						
3	<u>'</u>					Welltower			er Entra	nce Car	юру	
4	Prince George's County Peer Reviews IDIQ					City of Laurel Armory						
5	University of Maryland, Division of IT				L	Largo Town Center Park						

H. ADDITIONAL INFORMATION

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

About Arium

Arium AE, LLC (Arium), the prime for this contract opportunity, is a mid-sized Architectural and Engineering design firm with deep roots in the local community. Founded in 1988, we have steadily grown into a regional design firm. We added MEP Engineering in 2005, and have focused on interiors, adaptive reuse, renovations, and new construction. Utilizing our in-house team of 35 professional Interior Designers, Space Planners, Architects, Electrical and Mechanical Engineers, we've garnered a reputation for providing highly integrated designs to a repeat client base. Arium's repeat client base extends to some of the largest defense contractors and government agencies in the country who depend on the firm to provide highly technical design solutions for demanding program and equipment requirements. Most of Arium's clients are property managers, developers, and brokers who appreciate the firm's sophistication in analyzing building area questions, leasing, and operating issues.

Arium's medium size allows for our principals, Stephanie Bounds Nunn, Brian Frels, and Scott Walthour to engage directly with clients and for projects to be fully staffed with experienced professionals. Arium's client-centric project approach ensures that the client's unique needs are met in an elegant yet efficient manner within budget and schedule. Arium has 34 years of experience across a wide range of project types and has likely completed and permitted more projects within the immediate region in the past ten years than any of our peers.

Arium is commonly recognized among the top architectural, engineering, and interior design firms in the region and has extensive experience providing design and construction administration for public sector clients, including state and local governments. The majority of Arium's projects involve the renovation, repurposing, or addition of existing building infrastructure. Arium is highly familiar with existing building projects' common challenges and can identify these challenges early in the design process.

Arium's design team has an intimate knowledge and familiarity with various regional permitting departments across the region and bills 250+ clients for dozens of permits each year. The firm utilizes an in-house permit expediting team to ensure projects are on schedule and moving efficiently through each step of the permitting process.

Years in Business

Arium has been in business for 34 years, since 1988.

Primary Office Location

Arium is located at 5537 Twin Knolls Road, Suite 435, Columbia, MD 21045, and is the office location where tasks for this contract will be supported.

Employee Breakdown

Arium's unique staffing plan is part of its commitment to building lasting relationships with clients. Through it, Arium ensures ownership of projects and consistent knowledge transfer across studios. Through steady and slow growth over the past 34 years the firm has selected some of the brightest talent in the region. These individuals dedicate themselves to our clients over the course of the entire project to ensure success.

Arium values developing a long-term strategic relationship with the City of Glenarden, all your projects are important to us. At Arium you'll be working with our all-star team of designers.

Our staff includes 35 employees:

Principal Architect/Engineers	3
Senior Associates & Associates	6
Project Managers	9
Senor Designer/Drafters	5
Designer/Drafters	8
Administrative	4

Arium's On-Call Work

Arium has a long track record of providing on-call AE services and has existing task order contracts with a number of regional clients. Eighty percent of our work is repeat clients who use Arium for all of their recurring design needs.

Arium's On-Call work throughout the region includes:

- Howard County DPZ IDIQ
- Howard County Public Schools IDIQ
- City of Laurel IDIQ
- Univeristy of Maryland Baltimore IDIQ
- Prince George's County Public Schools IDIQ

Subconsultants

Previous Working Relationship

Arium (Prime) has worked with KCI Technologies on previous projects, including 7 recent projects. Arium has worked with Holbert Apple, now GPI, on over 500 projects, including Prince George's County peer review projects and various renovation projects.

H. ADDITIONAL INFORMATION

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

Subconsultants - Firm Overview

KCI Technologies: Founded in 1955, KCI is a 100-percent employee-



owned engineering, consulting and construction firm serving clients throughout the United States. KCl's roughly 1,900 employee-owners operate out of more than 70 offices in 21 states - as well as the District of Columbia. With revenues of

approximately \$368 million in 2021, the Engineering News-Record has consistently placed KCI among the top 100 consulting engineering firms in the country.

KCI's professional staff of engineers, planners, scientists, surveyors, and construction managers offer a broad range of engineering services, including wireless/communications infrastructure, civil, structural, transportation, environmental, hazardous waste, mechanical, electrical, telecommunications, and soils. But engineering is not all we do. KCI also provides cultural and environmental resource management services, land planning and landscape architecture, geology, hydrology, ecology, surveying, and construction management and inspection. All of KCI's service lines are supported by a team of CADD (Computer-Aided Drafting and Design) designers, GIS (geographic information systems) experts, and database analysts, programmers, and technicians, as well as state-of-the-art computer, field, and lab equipment.

KCI Technologies is certified to the ISO 9001:2015 standard. ISO is a widely recognized international standard for quality management systems (QMS). Unique for its mandatory internal auditing program, the ISO standard requires the continual evaluation of all business processes in order to provide objective measures of performance and improvement.

Greenman-Pedersen, Inc. (GPI): GPI was established in 1966 in

Babylon, NY. The vision of two Long Island engineers has grown into a firm consistently

Design Firms. GPI has also been named a Consulting-Specifying Engineer MEP Giant. With over 50 years in business, GPI has earned our reputation as a leading engineering company. GPI employs more than 1,700 professionals in over 55 offices located throughout the country. Our wide-ranging resources allow us to handle projects for both private and government clients ranging in size and complexity.

ranked in Engineering News Record's Top

GPI's Metro DC Operation, which includes our Rockville, MD, Olney,

MD, and Springfield, VA, offices, has been providing mechanical, electrical, plumbing, and structural engineering services in Maryland, Virginia, and Washington, DC for over 45 years. With a combined staff of over 70, our offices provide creative and sustainable design for the renovation and new construction of buildings. Our clients include private companies, government agencies, educational facilities, healthcare facilities, and mission critical facilities.

GPI's Building Systems Services include:

- Building Evaluations
- New Construction
- Renovations/Repositioning
- Infrastructure Upgrades
- Design/Build
- Sustainable Design/LEED & WELL Design/Green Globes/ EarthCraft
- Facilities/Asset Management
- Energy Audits/Energy Modeling
- ENERGY STAR Certification
- Peer Review
- Commissioning
- COVID Mitigation

Greenman-Pedersen, Inc. (GPI) joined forces with Holbert Apple Associates, Inc. (HAA) in 2021. GPI and HAA have worked together since 2002, holding contracts with each other on over 130 projects. Additionally they have collaborated on numerous projects where contracts were held by other firms. "Over my 40+ year career as a structural engineer in the Washington, DC area, I have known and collaborated with numerous GPI staff members. I have highly regarded their team and relationships and am thrilled to now be a part of GPI," said President of HAA, David H. Holbert, P.E.

Arium has worked with Holbert Apple, now GPI, on over 500 projects, including Prince George's County peer review projects and various renovation projects. We currently have more than 20 active projects with GPI.

H. ADDITIONAL INFORMATION

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

Office Space & Planning Expertise

While Arium has a wide range of expertise across a number of building types and sectors, 74% of our work is composed of interior commercial office space. Arium is known for its exceptional execution and delivery of highly technical and programmatically complex office spaces, computer center/lab areas, SCIF/TEMPEST facilities, and other mission critical environments.

Select projects include:

Rohde & Schwarz American Headquarters

Columbia, MD, 9,500+ SF, full AE design services, interior renovation

Confidential Client Undisclosed Location

300,000 SF, full AE design services, two phases, Data Center, SCIF, office space full building renovation, Programming – CA

Tenable Headquarters

Columbia, MD, 150,000 SF, full AE design services, multi-floor tenant fit-out with exterior terrace, Programming – CA

Music & Arts Headquarters

Frederick, MD, 46,000 SF, full AE design services, Programing – CA

Social Solutions

Baltimore, MD, 9,000 SF, full AE design services, Programing – CA

Columbia Association Headquarters

Columbia, MD, 30,000 SF, Full interior fit out. Architectural, Interiors and furniture selection services

Johns Hopkins Applied Physics Lab

Laurel, MD, warehouse – office conversion, 63,000 SF, full AE design services, Broad Range AE Design Services Contract

Brookfield Properties

Various Projects, 400,000+ SF, Full AE design services, Programing – CA

Lockheed Martin

Rockville, Gaithersburg, Hanover Campuses, MD, 200,000 SF+, various multiple phase projects, full AE design services

Access Intelligence

Rockville, MD, tenant fit-up, 30,000 SF, full AE design services

Northrop Grumman

Various projects – Columbia, Landover, Lanham, Aberdeen, MD, tenant fit-up, SCIF, 200,000+ SF, architecture and interior design services, SCIF

Maxim Health Headquarters

Columbia, MD, tenant fit-up, 60,000 SF, architecture and interior design services

Gov. Security Agency Headquarters

Undisclosed location, SCIF/Tempest, datacenter, Class-A Office Space, 50,000+ SF, architecture and interior design services

Qiagen SA Biosciences

Frederick, MD, tenant fit-up, various projects, 35,000 SF, full AE design services

GSA Tenant (confidential)

Montgomery County, MD, Class-A office fitup, 83,000 SF, full AE design services

ATK Office Space

Fairfax County, VA, tenant fit-up 10,000 SF, full AE design services, various additional work in Baltimore, Annapolis Junction, Beltsville, & Northern VA

3M

Silver Spring, MD, 50,000 SF 3-story interior office renovation, architectural planning services

SAIC

MD and Virginia, tenant fit-up, 50,000+ SF, Full AE Services

MD Department of Energy

Annapolis, MD, 9,200 SF, full AE design services, Programming – CA, LEED Gold

Abrams Development Group

Columbia, MD, 8,500 SF, full architecture and interior design services, Programming – CA; 50+ building projects with Abrams

Columbia Technology Campus

Columbia, MD, 20,000 SF, Adaptive use of warehouse to high tech office facility, architecture and interior design services

Cassidy Turley Office

Columbia, MD, 6,700 SF, full AE design services, Programming – CA, Repeat client

Discovery Education

Silver Spring, MD, 12,500 SF, full floor tenant fit-out, full AE design services

Sparksoft

Columbia, MD, 35,000 SF two floor tenant fit-out, full AE design services

Leidos

Gaithersburg, MD, 18,000 SF 1st Phase of a multi-phase interior renovation, full AE design services





STANDARD FORM 330 (REV. 7/2021)

H. ADDITIONAL INFORMATION

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

THANK YOU

We are available at your convenience to discuss how best we can serve you and your teams. If there is anything Arium AE can assist you, please do not hesitate to contact me directly at 410-730-2300. Thank you for your time and consideration and we look forward to hearing from you.

	I. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
31. SIGNATURE		32. DATE 5/26/2022
33. NAME AND TITLE Brian Frels, AIA, Principal	ARIUM AE	

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

RFP NO. 2022-01

10. PROFILE OF FIRM'S EXPERIENCE

PART II .	GENERAL	ΟΠΑΙ	IFICAT	ONS

	(If a	firm	hac	hranch	offices	complete	for each	cnecific	hranch	office	saakina	Work)
- (п а	IIIII	nas	prancn	onices.	complete	ıor eacrı	Specific	prancn	описе	seekiria	work.)

(,p		0,000				••/
2a. FIRM (or Branch Office) NAME								. UNIQUE ENTITY IDENTIFIE
Arium AE, LLC ARIUM	AE					2010		96-672-5272
2b. STREET	_					5	5. OW	NERSHIP
5537 Twin Knolls Road, Suite 43	5					a. TYPE		
2c. CITY			2d. STATE	2e. ZIP CO	DE	Limited Liabili	ty Cor	mpany
Columbia			MD	21045		b. SMALL BUSINES	S STAT	US
6a. POINT OF CONTACT NAME AND TITLE						Certified MD 9	SBR a	s Arium Acorn, LLC
Brian Frels, AIA, NCARB, Princip	al					7. NAME OF FIRM	(If Block	: 2a is a Branch Office)
6b. TELEPHONE NUMBER 410-730-2300	_	EMAIL ADDRES						
8a. FOR	MER FIRM NA	AME(S) (If any)			8b. YEA	R ESTABLISHED	8c. UN	NIQUE ENTITY IDENTIFIER
Arium, Inc.								
						1988	61-72	29-9425

9. EMPLOYEES BY DISCIPLINE					10. PROFILE OF FIRM'S EXPERIENCE			
	T	l. Ni	. □		ANNUAL AVERAGE REVENUE FOR LAST 5 YEAR 1 C. Revenue			
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	Number		
	A destroy to the Arms Africa		(2) BRANCH		A colling of the color	(see below)		
02	Administrative	4		008	Auditoriums & Theaters	1		
01	Architect	17		C05	Childcare/Development Facilities	1		
03	Electrical Engineer	5		C06	Churches;Chapels	1 1		
04	Mechanical Engineer	6		017	Commercial Building; Shopping Ct	4		
37	Interior Design	3		D07	Dining Halls; Clubs; Restaurants	2		
				029	Educational Facilities;Classrooms	2		
				F02	Field Houses;Gyms;Stadiums	1		
				105	Interior Design;Space Planning	6		
				072	Office Buildings;Industrial Parks	5		
•								
-								
-								
	Other Employees							
	Other Employees	0.5						
	Total	35	1	1		1		

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

•	
a. Federal Work	3
b. Non-Federal Work	6
c. Total Work	6

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- 1. Less than \$100,000
- 2. \$100,000 to less than \$250,000
- 3. \$250,000 to less than \$500,000
- 4. \$500,000 to less than \$1 million
- 5. \$1 million to less than \$2 million
- 6. \$2 million to less than \$5 million
- 7. \$5 million to less than \$10 million
- 8. \$10 million to less than \$25 million
- 9. \$25 million to less than \$50 million
- 10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNAT _I URE		b. DATE
	alan France	05/26/2022

c. NAME AND TITLE

Brian Frels, AIA, NCARB - Principal

1. SOLICITATION NUMBER (If any) **ARCHITECT - ENGINEER QUALIFICATIONS** PART II – GENERAL QUALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.) 2a. FIRM (OR BRANCH OFFICE) NAME 3. YEAR ESTABLISHED 4. SAM UNIQUE ENTITY ID KCI Technologies, Inc. PEVANTR72KU1 1988 2b. STREET 5. OWNERSHIP a. TYPE 11830 West Market Place, Suite F 2c. CITY 2d. STATE 2e. ZIP CODE Corporation b. SMALL BUSINESS STATUS **Fulton** MD 20759 6a. POINT OF CONTACT NAME AND TITLE No 7. NAME OF FIRM (If block 2a is a branch office) Gus Truedson | Practice Leader 6b. TELEPHONE NUMBER 6c. E-MAIL ADDRESS KCI Technologies, Inc. 410.792.8086 gus.truedson@kci.com 8a. FORMER FIRM NAME(S) (If any) 8b. YR. ESTABLISHED 8c. DUNS NUMBER

	9. EMPLOYEES BY DISCIPLINE				
a. Function Code	h Discipling				
02	Administrative	95	1		
08	CADD Technician	15	2		
12	Civil Engineer	83	6		
24	Environmental Scientist	34	1		
25	Fire Protection Engineer	6	4		
38	Land Surveyor	135	11		
39	Landscape Architect	13	1		
42	Mechanical Engineer	22	3		
57	Structural Engineer	45	1		
65	Technical Support Staff	99	1		
66	Telecommunications Specialist	218	5		
	Other Employees	1059			
	Total	1824	36		

10. PROFILE OF FIRM'S EXPERIENCE					
a. Profile	AND ANNUAL AVERAGE REVENUE FOR LAST 5	C. Revenue Index			
Code	b. Experience	Number (see below)			
B02	Bridges	10			
C12	Communications Systems; TV; Microwave	10			
C15	Construction Management	10			
E03	Electrical Studies and Design	4			
E09	EIS, Assessments or Statements	8			
H07	Highways; Streets; Airfield Paving; Parking Lots	10			
L03	Landscape Architecture	8			
P05	Planning (Community; Regional; Areawide)	7			
P06	Planning (Site, Installation and Project)	5			
P12	Power Generation, Transmission, Distribution	10			
R06	Rehabilitation (Buildings, Structures; Facilities)	4			
S04	Sewage Collection, Treatment & Disposal	8			
S05	Soils & Geologic Studies; Foundations	6			
S09	Structural Design; Special Structures	5			
S10	Surveying; Platting; Mapping; Flood Plain	10			
S13	Stormwater Handling & Facilities	6			
T02	Testing & Inspection Services	8			
T03	Traffic & Transportation Engineering	9			
U03	Utilities (Gas & Steam)	10			
W02	Water Resources; Hydrology; Ground Water	6			
W03	Water Supply; Treatment and Distribution	8			
	Wetlands	6			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES			
REVENUES OF FIRM	FOR LAST 3 YEARS		
(Insert revenue index r	number shown at right)		
a. Federal Work	4		
b. Non-Federal Work	10		
c. Total Work	10		

	PROFESSIONAL SERVICES I	₹ Ε	ZENUE INDEX NUMBER
1.	Less than \$100,000	6.	\$2 million to less than \$5 million
2.	\$100,000 to less than \$250,000	7.	\$5 million to less than \$10 million
3.	\$250,000 to less than \$500,000	8.	\$10 million to less than \$25 million
4.	\$500,000 to less than \$1 million	9.	\$25 million to less than \$50 million

10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE	b. DATE
MBeil	01/01/2022
c. NAME AND TITLE	
Nathan J. Beil, PE, D. WRE, Chief Executive Officer	

5. \$1 million to less than \$2 million

1. SOLICITATION NUMBER (If any) **ARCHITECT - ENGINEER QUALIFICATIONS** PART II – GENERAL QUALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.) 2a. FIRM (OR BRANCH OFFICE) NAME 3. YEAR ESTABLISHED 4. SAM UNIQUE ENTITY ID KCI Technologies, Inc. 1988 PEVANTR72KU1 2b. STREET 5. OWNERSHIP a. TYPE 936 Ridgebrook Road 2c. CITY 2d. STATE 2e. ZIP CODE Corporation b. SMALL BUSINESS STATUS MD 21152 Sparks 6a. POINT OF CONTACT NAME AND TITLE No 7. NAME OF FIRM (If block 2a is a branch office) Nathan J. Beil, PE, D. WRE | President and Chief Executive Officer 6b. TELEPHONE NUMBER 6c. E-MAIL ADDRESS 410.316.7800 nathan.beil@kci.com 8a. FORMER FIRM NAME(S) (If any) 8b. YR. ESTABLISHED 8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE					
a. Function Code	b. Discipline	c. No. of Employees (1) FIRM (2) BRANCH			
02	Administrative	95	53		
08	CADD Technician	15	6		
12	Civil Engineer	83	13		
15 / 16	Construction Inspector / Manager	440	42		
21 / 25 / 42	Electrical / Fire Protection / Mechanical Engineer	40	11		
23 / 24	Environmental Engineer / Scientist	113	39		
27 / 30	Foundation / Geotechnical Engineer / Geologist	7	6		
29	Geographic Information Specialist	46	36		
36	Industrial Hygienist	1	1		
38	Land Surveyor	135	17		
39	Landscape Architect	13	2		
47	Planner: Urban / Regional	14	4		
57	Structural Engineer	45	8		
64	Subsurface Utility Engineer / Technician	63	4		
65	Technical Support Staff	99	21		
58	Technician / Analyst	34	4		
66	Telecommunications Specialist	218	5		
67	Transportation Engineer	161	21		
68	Utilities Engineer	163	23		
62	Water Resources Engineer	31	17		
	Other Employees	8	2		
	Total	1824	335		

	10. PROFILE OF FIRM'S EXPERIE	NCE			
AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS					
a. Profile Code	b. Experience	c. Revenue Index Number (see below)			
B02	Bridges	10			
C12	Communications Systems; TV; Microwave	10			
C15	Construction Management	10			
E03	Electrical Studies and Design	4			
E09	EIS, Assessments or Statements	8			
H07	Highways; Streets; Airfield Paving; Parking Lots	10			
L03	Landscape Architecture	8			
P05	Planning (Community; Regional; Areawide)	7			
P06	Planning (Site, Installation and Project)	5			
P12	Power Generation, Transmission, Distribution	10			
R06	Rehabilitation (Buildings, Structures; Facilities)	4			
S04	Sewage Collection, Treatment & Disposal	8			
S05	Soils & Geologic Studies; Foundations	6			
S09	Structural Design; Special Structures	5			
S10	Surveying; Platting; Mapping; Flood Plain	10			
S13	Stormwater Handling & Facilities	6			
T02	Testing & Inspection Services	8			
T03	Traffic & Transportation Engineering	9			
U03	Utilities (Gas & Steam)	10			
W02	Water Resources; Hydrology; Ground Water	6			
W03	Water Supply; Treatment and Distribution	8			
	Wetlands	6			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		
a. Federal Work	4	
b. Non-Federal Work	10	
c. Total Work	10	

PROFESSIONAL SERVICE	ES REVENUE INDEX NUMBER
1. Less than \$100,000	6. \$2 million to less than \$5 million
2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE	b. DATE
MBeil	01/01/2022
c. NAME AND TITLE	
Nathan J. Beil, PE, D. WRE, Chief Executive Officer	

ARCHITECT - ENGINEER QUALIFICATIONS

2022-01

PART II – GENERAL QUALIFICATIONS

(If a firm has	s branch offices, compl	ete for each specific bran	nch office seeking work.)			
2a. FIRM (or Branch Office) NAME	3. YEAR ESTABLISHED	4. UNIQUE ENTITY INDENTIFIER				
Greenman-Pedersen, Inc. (GPI Metro	DC)		1980	NCLKVHPJDD87		
2b. STREET			5. (5. OWNERSHIP		
3423 Olney-Laytonsville Road, Suite 6	a. TYPE Corporation					
2c. CITY	2d. STATE	2d. STATE 2e. ZIP CODE b. SMALL BUSINESS STATUS				
Olney	MD	20832	None			
6a. POINT OF CONTACT NAME AND TITLE	7. NAME OF FIRM (If Block 2	7. NAME OF FIRM (If Block 2a is a Branch Office)				
Nate B Salnick, SE, PE Senior Vice	Greenman-Peders	sen, Inc.				
6b. TELEPHONE NUMBER	6c. E-MAIL ADDRESS	6c. E-MAIL ADDRESS				
301.570.1460	nsalnick@gpir	net.com				
8a. FORMER FIRM NAME(S) (If any)			8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER		
Greenman, Pedersen & Associates, P.C. Holbert Apple Associates, Inc.			1966 2001	n/a 127111594		

	9. EMPLOYEES BY DISCIP	LINE	10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS			
a. Function Code	b. Discipline	c. No. of Empl (1) FIRM	oyees (2) BRANCH	a. Profile Code		
02	Administrative	107	8	B01	Barracks; Dormitories	2
	Aerial Photographer/Pilot	9	0	C06	Churches; Chapels	2
06	Architect	1	0	C10	Commercial Buildings	6
08	CADD Specialist	61	1	C13	Computer Facilities; Computer Service	3
12	Civil Engineer	243	0	D07	Dining Halls; Clubs; Restaurants	1
	Computer Specialist	31	1	E02	Educational Facilities; Classrooms	2
15	Construction Inspector	456	0	E03	Electrical Studies and Design	4
21	Electrical Engineer	39	15	F03	Fire Protection	2
	Environmental	25	0	G01	Garages; Vehicle Maintenance Facilities;	2
25	Fire Protection Engineer	3	0	H04	Heating, Ventilating, Air Conditioning	4
29	GIS Specialist	7	0	H09	Hospitals & Medical Facilities	2
39	Landscape Architect	14	0	H11	Housing (Residential, Multifamily,	3
42	Mechanical Engineer	49	25	101	Industrial Buildings	2
	Photogrammetrist/Lab.	37	0	L01	Laboratories; Medical Research Facilities	3
47	Planners: Urban/Regional	7	0	L06	Lighting (Exteriors; Street; Memorials;	1
57	Structural Engineer	114	15	L05	Lighting (Interior; Displays; Theatres; etc.)	2
	Surveyor	110	0	O01	Office Building; Industrial Parks	5
58	Technician/Analyst	54	1	P07	Plumbing & Pipe Design	2
60	Transportation Engineer	98	0	R04	Recreational Facilities (Parks; Marinas; etc.)	3
				R06	Rehabilitation (Buildings; Structures;	6
	Other Employees	138	0	S09	Structural Design; Special Structures	3
	Total	1603	66	<u> </u>		2

	rotui	1000	00	1101	Walchouses		Sopoto	
11. ANNUAL AVERAGE PROFESSIONAL			PROFESSIONAL SERVICES REVENUE INDEX NUMBER					
	SERVICES REVENUES OF FIRM FOR LAST 3 YEARS		an \$100,000.			6.	\$2 million to less than \$5 million	
	ex number shown at right)	2. \$100,00	2. \$100,00 to less than \$250,000		7.	\$5 million to less than \$10 million		
a. Federal Work	6	3. \$250,00	00 to less than \$	500,000		8.	\$10 million to less than \$25 million	ı
b. Non-Federal Work	10	4. \$500,000	00 to less than \$	1 million		9.	\$25 million to less than \$50 million	ı
c. Total Work	10	5. \$1 millic	on to less than \$	million 2ز		10.	\$50 million or greater	

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.

b. DATE 05.24.2022

a. SIGNATURE

Nate B Salnick, SE, PE | Senior Vice President

4. SECTION VI DOCUMENTS

FORM OF PROPOSAL

Date: May 25, 2022

To Whom It May Concern:

We hereby submit our Proposal Documents for "ARCHITECTURAL / ENGINEERING (A/E) TEAM

PROFESSIONAL SERVICES" as indicated in the Proposal Documents.

Having carefully examined the Proposal Documents and having received clarification on all

items of conflict or upon which any doubt arose, the undersigned hereby requests

consideration of our Vendor for award of the referenced Contract.

Hourly Billing Rates are inclusive and shall include overhead and profit. Expenses will be

negotiated for each specific task order on a task-by-task basis.

CONSULTANT KEY TEAM MEMBER HOURLY BILLING	
	RATE
Project Director	\$195.00/Hr.
Project Manager	\$175.00/Hr.
Licensed Architect	\$ <u>165.00</u> /Hr.
Civil Engineer	\$225.00/Hr.
Structural Engineer	\$190.00_/Hr.
Landscape Architect	\$210.00_/Hr.
Geotechnical Engineer	\$ <u>220.00</u> /Hr.
Surveyor	\$ <u>155.00</u> /Hr.

Provide additional sheets as necessary for expenses such as travel, etc.

|--|

Printed Name

Signature

Arium AE, LLC

Name of Company

5537 Twin Knolls Rd., Suite 435

Address

Columbia, Maryland 21045

City, State, Zip

Form of Proposal continued

CONSULTANT KEY TEAM MEMBER HOURLY BILLING	
	RATE
Construction Manager	\$ <u>175.00</u> /Hr.
Inspector	\$ <u>80.00</u> /Hr.
Mechanical Engineer	\$ <u>175.00</u> /Hr.
Electrical Engineer	\$_175.00/Hr.
Plumbing Designer	\$_165.00_/Hr.
	\$/Hr.
	\$/Hr.
	\$/Hr.

Expenses: Arium AE: allowance for reimbursable expenses: \$ 2,000.00

REFERENCES

List three (5) references for projects successfully completed in the last five (5) years.

References should also include the local government point of contact in each

community/project referenced as well as other key organizations which are familiar with this

project.

Type of Project: Prince George's County Public Schools, IDIQ A&E Services

Company Name: Prince George's County Public Schools

Address: 14201 School Lane

City, State, Zip Code: Upper Marlboro, MD 20772

Contact Person: Dawn Holton, PE
Telephone Number: 240-573-7046
Dates of Service: 2019 - Ongoing
Date of Project Completion: Ongoing

Local Gov't Contact for Project: see contact above

Key Organization Contact: Scott Walthour, PE, Principal, Arium AE - 410-730-2300

Type of Project: Chesapeake Math & IT Public Charter School, South Middle/High School

Company Name: Chesapeake Lighthouse Foundation

Address: 9822 Fallard Ct.

City, State, Zip Code: Upper Marlboro, MD 20772 Contact Person: Eric Derin, Director of Operations

Telephone Number: 301-776-2300 ext. 114

Dates of Service: 2015-2017

Date of Project Completion: 2017

Local Gov't Contact for Project: N/A

Key Organization Contact: Stephanie Bounds Nunn, AIA, Principal, Arium AE - 410-730-2300

Type of Project: Lockheed Martin Office Fit-outs, multiple projects with secure spaces

Company Name: Lockheed Martin Address: 1 Curie Court, 3rd Floor

City, State, Zip Code: Rockville, MD 20850
Contact Person: Kevin Weidman, LEED GA

Telephone Number: 610-354-7614

Date of Service: 2015 - Ongoing

Date of Project Completion: Ongoing

Local Gov't Contact for Project: William H. Albeck, Jr., 703-466-2239

Key Organization Contact: Stephanie Bounds Nunn, AIA, Principal, Arium AE - 410-730-2300

Type of Project: Leidos Office, full building phased renovation

Company Name: Leidos / JLL Address: 9737 Washington Blvd.

City, State, Zip Code: Gaithersburg, MD 20878

RFP 2022-01 Architectural / Engineering (A/E) Professional Services 25

Contact Person: Christy Thomas, LEED AP - JLL, Project & Development Services

Telephone Number: 202-821-5516

Date of Service: 2020-2021

Date of Project Completion: 2021

Local Gov't Contact for Project: N/A

Key Organization Contact: Stephanie Bounds Nunn, AIA, Principal, Arium AE - 410-730-2300

Type of Project: Prince George's County Third Party Permit Review Program

Company Name: Prince George's County Dept. of Permitting, Inspections and Enforcement

Address: 9400 Peppercorn Pl #100
City, State, Zip Code: Largo, MD 20774
Contact Person: Bellur S. Ravishankar
Telephone Number: (301) 883-5837

Date of Service: 2013 - Ongoing

Date of Project Completion: Ongoing

Local Gov't Contact for Project: see contact above

Key Organization Contact: Brian Frels, AIA, Principal, Arium AE - 410-730-2300

Brian Frels, AIA, NCARB, Principal

Print Name Signature

REFERENCES

List three (5) references for projects successfully completed in the last five (5) years.

References should also include the local government point of contact in each community/project referenced as well as other key organizations which are familiar with this project.

Type of Project: Renovation
Company Name: City of Laurel Department of Public Works
Address: 305 First Street
City, State, Zip Code: Laurel, MD 20707
Contact Person: Christy Fang, Deputy Director
Telephone Number: 301.725.0088
Dates of Service: 2000 - Present
Date of Project Completion: 2017
Local Gov't Contact for Project: see contact above
Key Organization Contact: Nicholas Barrick, PE, LEED AP BD+C, 410.792.8086 - KCI Technologies
Type of Project: New Construction
Company Name: Maryland National Capital Parks and Planning Commission
Address: 9500 Brunett Avenue
City, State, Zip Code: Silver Spring, MD 20901
Contact Person: Brian Stewart, Project Manager
Telephone Number: 301.454.1463
Dates of Service: 2001 - Present
Date of Project Completion: 2018
Local Gov't Contact for Project: see above
Key Organization Contact: Nicholas Barrick, PE, LEED AP BD+C, 410.792.8086 - KCI Technologies
Type of Project:
Company Name:
Address:
City, State, Zip Code:
Contact Person:
Telephone Number:
Date of Service:
Date of Project Completion:
Local Gov't Contact for Project:
Key Organization Contact:
Type of Project:
Company Name:
Address:
City, State, Zip Code:

RFP 2022-01 Architectural / Engineering (A/E) Professional Services 25

EXCEPTIONS AND ADDENDA

The undersigned hereby certifies that, except as listed below, or on separate sheets attached hereto, the enclosed Proposal Document covers all items as specified.

EXCEPTIONS:	
(If none, write NONE) NONE	
THE VENDOR HEREBY ACKNOWLEDGES REC	CEIPT OF THE FOLLOWING ADDENDA.
Number/Date/Initials	
No Addenda - questions answered via ema	ails:
dated May 16, 2022 and May 17, 2022	
Daisa Fuels AIA NGADA Daisainal	
Brian Frels, AIA, NCARB, Principal	FIRM 7 PE 15
Print Name	Signature

OWNERSHIP DISCLOSURE FORM

COMPANY NAME: _	Arium AE, LLC	TYPE OF COMPANY (circle one):
ADDRESS:	5537 Twin Knolls Rd., Suite 435	*Sole Proprietorship
	Columbia, MD 21045	*Partnership
		*Corporation
FEIN#:274165417	<u>, </u>	X *Limited Liability Corporation
	ride below the names, offices held a ace is necessary, provide on an attac	nd any ownership interest of all officers of the ched sheet.
		OWNERSHIP INTEREST
NAME	OFFICE HELD	(Shares Owned or % of Partnership)
Brian Frels	Principal	30%
Stephanie Bounds	Nunn Principal	30%
Scott Walthour	Principal	40%
	y partnerships, corporations and any	and ownership interest of all individuals not other owner having a 10% or greater interest
10% or more interes	t in that corporation or partnership.	below the same information for the holders of If additional space is necessary, provide that s with 10% or more interest in your firm, enter
		OWNERSHIP INTEREST
NAME	OFFICE HELD	(Shares Owned or % of Partnership)

CONTRACTOR'S AFFIDAVIT OF QUALIFICATION TO BID I HEREBY AFFIRM THAT: I, Brian Frels _____ am the Principal (Printed Name) (Title) and the duly authorized representative of the Vendor of Arium AE, LLC whose address is (Name of corporation) 5537 Twin Knolls Road, Suite 435 Columbia, MD 21045 and that I possess the legal authority to make this affidavit on behalf of myself and the Vendor for which I am acting. Except as described in paragraph 3 below, neither I nor the above Vendor, nor to the best of my knowledge and of its officers, directors or partners, or any of its employees directly involved in obtaining contracts with the State or any county, bi-county or multi-county agency, or subdivision of the State has been convicted of, or have pleaded nolo-contendere to a charge of, or have during the course of an official investigation or other proceeding admitted in writing or under oath acts or omissions which constitute bribery, attempted bribery, or conspiracy to bride under the provisions of Article 27 of the Annotated Code of Maryland or under the laws of any state or federal government (conduct prior to July 1, 1977 is not required to be reported). (State "none" or, as appropriate, list any conviction, plea or admission described in paragraph 2 above, with the date, court, official or administrative body, the individuals involved and their position with the Vendor, and the sentence or disposition, if any.) NONE I acknowledge that this affidavit is to be furnished to the City, I acknowledge that, if the representations set forth in this affidavit are not true and correct, the City may terminate any

Contract awarded and take any other appropriate action. I further acknowledge that I am executing this affidavit in compliance with section 16D of Article 78A of the Annotated Code of Maryland, which provides that certain persons who have been convicted of or have admitted to bribery, attempted bribery or conspiracy to bribe may be disqualified, either by operation of law or after a hearing, from entering into contracts with the State or any of its agencies or subdivisions.

I do solemnly declare and affirm under the penalties of perjury that the contents of this affidavit are true and correct.

Brian Frels, AIA, NCARB, Principal

Print Name Signature

Client#: 41612 ARIUAE

$ACORD_{\scriptscriptstyle{\sqcap}}$

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
5/23/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

	, ,	• •	
PRODUCER		CONTACT Letha E. Lombardi	
CBIZ Insurance Services, Inc. 44 Baltimore Street		(A/C, No, Ext): 443 239-3237	AX \/C, No):
		E-MAIL ADDRESS: certrequest@cbiz.com	
Cumberland, MD 21502		INSURER(S) AFFORDING COVERAGE	NAIC#
		INSURER A: Hartford Casualty Insurance Co.	29424
INSURED		INSURER B : Sentinel Insurance Co. Ltd.	11000
Arium AE LLC Arium Acorn LLC 5537 Twin Knolls Rd #435		INSURER C : XL Specialty Insurance Co.	37885
	#405	INSURER D:	
		INSURER E :	
Columbia, MD 2104	U45	INSURER F:	
00//504050	OFFICIOATE MUNICIPA	DEMOCAL MUMB	- D

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR		TYPE OF INSURANCE	ADDL SUBR	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	S
A	X	CLAIMS-MADE X OCCUR L'L AGGREGATE LIMIT APPLIES PER:	INSK WVD	30SBABX2582	05/01/2022		EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE	\$1,000,000 \$300,000 \$10,000 \$1,000,000 \$2,000,000
Α	AU1	POLICY X PRO- DTHER: COMOBILE LIABILITY ANY AUTO OWNED AUTOS ONLY HIRED AUTOS ONLY AUTOS ONLY AUTOS ONLY AUTOS ONLY AUTOS ONLY		30SBABX2582	05/01/2022	05/01/2023	PRODUCTS - COMP/OP AGG COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	\$2,000,000 \$ \$1,000,000 \$ \$ \$
Α	Х	UMBRELLA LIAB EXCESS LIAB DED X RETENTION \$10000		30SBABX2582	05/01/2022	05/01/2023	EACH OCCURRENCE AGGREGATE	\$ \$5,000,000 \$5,000,000 \$
В	AND ANY OFF (Mai	RKERS COMPENSATION LEMPLOYERS' LIABILITY PROPRIETOR/PARTNER/EXECUTIVE CER/MEMBER EXCLUDED? Notatory in NH) s, describe under CRIPTION OF OPERATIONS below	N/A	30WECIV8316	05/01/2022	05/01/2023	X PER OTH- E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	
С		ofessional bility		DPR9986578	12/10/2021	12/10/2022	\$5,000,000 each claim \$5,000,000 aggregate \$25,000 deductible	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER	CANCELLATION
City of Glenarden 8600 Glenarden Parkway Glenarden, MD 20706	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE
	Short-

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ARCHITECTS ENGINEERS INTERIORS PLANNING GREEN DESIGN

ARIUM AE, LLC 5537 TWIN KNOLLS ROAD, SUITE 435 COLUMBIA, MD 21045 410.730.2300

Qualifications & Technical Proposal

Architectural / Engineering Professional Services

City of Glenarden

Indefinite Delivery / Indefinite Quantity

Glenarden, Maryland RFP-2022-01





Submitted by

Morgan Design Group
Architects
Westminster, Maryland

May 27, 2022











May 27, 2022

City Manager City of Glenarden 8600 Glenarden Parkway Glenarden, Maryland 20706

2775 Green Leaf Court Suite B Westminster Maryland 21157 Re: City of Glenarden, Maryland
Request for Proposal #2022-01
Architectural / Engineering Professional Services

Phone: (410) 356-0122 Fax:(443) 926-9964 www.mdgarch.com Dear Sir / Madam and members of the Selection Committee:

Jeffrey B. Morgan, AIA

Principal

On behalf of **Morgan Design Group Architects (MDG)**, I am pleased to submit herewith our qualifications to provide complete architectural / engineering design services for the above referenced project. You will find that Morgan Design Group, Architects and our team has extensive design experience in Prince Georges County and with Open-End / IDIQ contracts as well as with municipal and related projects. In fact, our portfolio is so extensive it is impossible to fully illustrate with a limited number of pages.

Morgan Design Group Architects also offers recent experience with Prince Georges County projects, including the renovations and Senior Activity addition to the existing <u>City of District Heights Municipal Building</u>. This experience gives us an excellent understanding of Prince Georges County requirements and procedures and will translate into a smooth and efficient process for upcoming design phase services.

We have assembled a team of experts which will provide the necessary leadership and expertise to achieve your project goals. In an effort to provide the most comprehensive services practical with one submission, we propose the following team of engineering consultants;

Century Engineers - Civil Engineers / Landscape Architect **Century Engineers** - Mechanical / Electrical / Plumbing Engineer

Century Engineers - Structural Engineer

Included with this submission are:

SF330-E Staff resumes'

SF330-F Project Experience Sheets

SF330-H Additional Information

Form of Proposal (hourly rates) under separate cover

References

Ownership Disclosure Form

Contractor's Affidavit of Qualification to Bid

Architecture

MDG is accustomed to working with many County / Local Government Agencies and multiple stakeholders. We understand the importance of your project and its role in the community.

Interior Design

Our services cover a wide geographical area; however, our focus is in the Mid-Atlantic region. Most of our work is in Maryland, Pennsylvania, Delaware, District of Columbia and Virginia. Our mission is to provide excellent design solutions for

Landscape Design

our clients by being willing listeners and team players through exceptional environmental stewardship and attention to detail. We are quite familiar with the building permit and site development process in Prince Georges County. As Principal of the firm, you have my assurance that I personally will play a major role in each and every project under this open-end contract. We acknowledge receipt of amendments 1 and 2.

If you have any questions or need additional information, please do not hesitate to contact me personally.

Sincerely,

MORGAN DESIGN GROUP, ARCHITECTS

Jeffrey B. Morgan, AIA

Principal

enc

MDG is a proud sponsor of St. Jude's Children's Research Hospital. Portions of our income are donated to help those families in need. We encourage everyone to give what they can.

12. NAME

13. ROLE IN THIS CONTRACT

Principal & Project Manager

14. YEARS EXPERIENCE a. TOTAL b. CURRENT FIRM 41

31

15. FIRM NAME AND LOCATION

Morgan Design Group, Architects

16. EDUCATION

Jeffrey B. Morgan, AIA

17. CURRENT PROFESSIONAL REGISTRATION

Catonsville Comm. College - Assoc. of Arts Degree in Architectural Design 1979 University of Maryland - Architecture 1985

MD. DE. PA. DC. VA (Architecture)



18. OTHER PROFESSIONAL QUALIFICATIONS

As founder and principal of the firm, Mr. Morgan's responsibilities will include overall management and coordination of the projects and its consultants. As such, he will serve as the primary contact with The City of Glenarden personnel. Mr. Morgan's experience spans over forty-one years and is quite diverse. With his diverse background, he is particularly suited for work related to local government and municipal projects. He has successfully designed and managed public works, educational, commercial and municipal projects. Other project types include: residential, historic, medical, industrial, food service high tech, retail, and governmental, including Housing and Urban Development (HUD) and Housing and Community Development (HCD).

Mr. Morgan's exposure to virtually all aspects of design and construction qualifies him to serve as overall project manager and team leader. Additionally, Mr. Morgan is well versed in budgeting, programming, cost estimating, and working with various municipalities. Over 60% of Mr. Morgan's design experience is with industrial and/or government projects. In addition to architectural design, his experience also includes space planning, interior design, landscape design, value engineering, sustainable design (LEED) and cost estimating. He has designed numerous pre-engineered buildings as well.

In addition to architectural design, his experience also includes space planning, interior design, landscape design, value engineering, sustainable design (LEED) and cost estimating. With recent design experience several City of District Heights projects, he is familiar with many Government regulations including Prince Georges County. Other Open-End contracts he has experience with include: US Army Corp of Engineers, Montgomery County, Baltimore City, St. Mary's County, US Navy, NIH, US Postal Service, Westinghouse Electronics Corp, Med-Tel International, Covell Communities and more.

	19. RELEVANT PROJECTS				
	(1) TITLE AND LOCATION	(2) YEAR COMPLETED			
	ST. MARY'S COUNTY - LEONARDTOWN PUBLIC LIBRARY RENOVATIONS	PROFESSIONAL SERVICES	CONSTRUCTION		
	Leonardtown, Maryland	2014			
a.	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Phases: PG, SD, DD, CD, B, CA Check if project performed with current firm				
	Principal Architect; A comprehensive renovation to an existing two story, 20,200 sf public library. Guard in 1954. It was decommissioned as an armory in 1979 and in 1980 the building was used for				
building was converted into a library and administrative offices. In 2006 the building was designated as an "Easement Property" with the Maryland Historical Trust					
(1) TITLE AND LOCATION (2) YEAR COMPLE			COMPLETED		
	STATE HIGHWAY ADMINSTRATION – Cambridge Maintenance Facility	PROFESSIONAL SERVICES	CONSTRUCTION		
	Various Locations	2016	2017		
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Phases: PG, SD, DD, CD, B, CA Checkif project performed with current firm				
b.					
	(1) TITLE AND LOCATION	(2) YEAR COMPLETED			
	MONTGOMERY CO BROOKVILLE ROAD HIGHWAY MAINTENANCE DEPOT	PROFESSIONAL SERVICES	CONSTRUCTION		
c.	Brookville, MD	2008	2010		
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Phases: PG, SD, DD, CD,	Check if project performed with	current firm		
Principal Architect: A two phased project consisting of demolition of existing building and design of a new 33,000 sf masonry and structural steel framed hi maintenance facility. Programmed spaces included: Offices for workforce leaders, supervisor's office, conference room, muster/training/dining room, bunkroom, stock clerk office, kitchen, parts storage, oil storage, fabrication / weld shop and mechanical / electrical rooms.					
	(1) TITLE AND LOCATION	(2) YEAR (COMPLETED		
	NATIONAL INSTITUTE OF HEALTH – OPEN END CONTRACT	PROFESSIONAL SERVICES	CONSTRUCTION		
	Bethesda, MD	1989 - 1991	1989 - 1992		
d.	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Phases: PG, SD, DD, CD, B, CA	Check if project performed with			
	Project Architect: This task-order contract included a diverse range of renovation and new construction projects including medical research labs, clean rooms, pharmaceutical labs, pathology labs, offices, conference areas and storage facilities. Project construction cost range from \$350,000 - \$1.5 million.				
	(1) TITLE AND LOCATION	(2) YEAR COMPLETED			
	CITY OF DISTRICT HEIGHTS – SENIOR ACTIVITY CENTER	PROFESSIONAL SERVICES	CONSTRUCTION		
	District Heights, MD	2019	2022		
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Phases: PG, SD, DD, CD, B, CA	Check if project performed with	current firm		
Principal Architect: 10,500 SF senior activity facility. This included programming, schematic design and construction documents. The program include spaces, cafe / lounge, multi-purpose room, game room, a fitness center, a wellness center, computer classrooms, a small reference library, arts & crafts conference rooms and administrative offices. It also included a small prep / demonstration kitchen for food classes and dining. Construction consists of frame, concrete floor slabs, brick curtain wall facade with metal panel / glazing system. An outdoor terrace is provided on the second floor which overloathletic fields. Construction Cost: \$4.7 million.			rary, arts & crafts room, uction consists of structural steel		

13. ROLE IN THIS CONTRACT 12. NAME 14. YEARS EXPERIENCE Production Manager / Senior b. CURRENT FIRM a. TOTAL Jason Sipes 32 20 Drafter 15. FIRM NAME AND LOCATION Morgan Design Group, Architects 17. CURRENT PROFESSIONAL REGISTRATION 16. EDUCATION Carroll Co. Career & Technology Center - Arch **Design & Drafting Program 1995** 18. OTHER PROFESSIONAL QUALIFICATIONS In Mr. Sipes' thirty (30) years of experience he has been exposed to various aspects of design and construction such as interior design, space planning, construction documents, and specifications. He has been associated with over 350 projects in various capacities, which include design, consultation, drafting, and construction administration. Mr. Sipes is experienced in various types of projects including: municipal, medical, senior housing, educational, civic, commercial, office, retail, and residential. His overall responsibility for this project will include design support and CAD drafting. He is dependable, conscientious, highly-productive, and also accustomed to working on projects with accelerated design schedules. Mr. Sipes has gained an excellent understanding of ADA regulations and senior related design issues. 19. RELEVANT PROJECTS (2) YEAR COMPLETED (1) TITLE AND LOCATION CITY OF DISTRICT HEIGHTS - MUNICIPAL BUILDING ADDITION / RENOVATION PROFESSIONAL SERVICES CONSTRUCTION District Heights, Maryland 2019 2020 - 2021 (3) BRIEF DESCRIPTION AND SPECIFIC ROLE Check if project performed with current firm Senior Designer / Drafter; for the design of a new two (2) story, 10,500 sf senior center addition, Rec Center renovation and Toilet Rooms / Locker Roof renovation. This included programming, schematic design and construction documents. The program includes; activity spaces, cafe / lounge, teaching kitchen, multi-purpose room, game room, a fitness center, a wellness center, computer classrooms, a small reference library, arts & crafts room, conference rooms and administrative offices. It also included a small prep / demonstration kitchen for food classes and dining. A new entrance to the existing recreation center was also provided. (1) TITLE AND LOCATION (2) YEAR COMPLETED **WALDORF WEST PUBLIC LIBRARY & COMMUNITY BUILDING** PROFESSIONAL SERVICES CONSTRUCTION Waldorf, Maryland 2011 2012 (3) BRIEF DESCRIPTION AND SPECIFIC ROLE Check if project performed with current firm b Senior Drafter; The new Waldorf West Library is a two (2) story, 30,000 sf state-of-the-art, multi-function public library to serve the needs of a diverse con It will serve programs for children, their parents, seniors and other adults as well. The new Waldorf West Library is the first LEED Silver Certified library (1) TITLE AND LOCATION (2) YEAR COMPLETED ST. MARY'S COUNTY - LEONARDTOWN PUBLIC LIBRARY RENOVATIONS PROFESSIONAL SERVICES CONSTRUCTION 2016 - present Leonardtown, Maryland 2016 - present (3) BRIEF DESCRIPTION AND SPECIFIC ROLE Check if project performed with current firm Senior Drafter: A comprehensive renovation to an existing two story, 20,200 sf public library. The building was originally built as Armory for the U.S. National Guard in 1954. It was decommissioned as an armory in 1979 and in 1980 the building was used for County offices and a dormitory for released prisoners. In 1984 the building was converted into a library and administrative offices. In 2006 the building was designated as an "Easement Property" with the Maryland Historical Trust. (1) TITLE AND LOCATION
HUNT VALLEY ANIMAL HOSPITAL (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION Hunt Valley, MD 2000 2001 (3) BRIEF DESCRIPTION AND SPECIFIC ROLE Check if project performed with current firm Senior Designer / Drafter for the renovation and addition to an existing 8,000 square foot veterinary hospital. Our design challenge was two-fold; first to create additional clinical and office space on a small lot and secondly to solve the noise problem from the barking dogs. There was a hotel d. neighboring the property and residents from that hotel were complaining. The existing facility was actually cited by the Maryland Department of the Environment for excessive noise levels. In addition to all this, from a zoning standpoint, the facility was a "Non-Conforming Use" and therefore, any proposed construction required a Zoning Variance. Our services also involved preparation of Plat Plans to accompany the Zoning Variance Request. We were retained to present the case at the Zoning Hearing, we were successful, and the Variance was approved. (1) TITLE AND LOCATION (2) YEAR COMPLETED STATE HIGHWAY ADMINSTRATION - Cambridge Maintenance Facility PROFESSIONAL SERVICES CONSTRUCTION Various Locations 2016 2017 (3) BRIEF DESCRIPTION AND SPECIFIC ROLE Check if project performed with current firm Senior Drafter to provide a facility that is capable of housing tools and vehicles such as dump trucks, lawnmowers, large vacuum trucks, a 26,000 SF maintenance building, 13,000 SF vehicle storage building, 10,400 SF crew building, 4,000 ton salt barn, material storage bins, brine tanks, fuel island, truck wash, and on-site

equipment/materials storage was designed. Functions include offices, conference rooms, inventory, lunch room, locker/shower rooms, three full-service bays with overhead crane, truck lifts, welding area, service reels, support equipment, vehicle storage for twelve dump trucks, pull-through wash bay, enclosed garage bays to store

small pick-up type trucks and various types of equipment used in the field.



12. NAME 13. ROLE IN THIS CONTRACT

Adele Richer, ASID Interior Designer / Drafter

15. FIRM NAME AND LOCATION

Morgan Design Group, Architects

16. EDUCATION
CAZENOVIA COLLEGE FOR WOMEN, ASSOCIATES DEGREE, Interior
Design + Graphic Design

17. CURRENT PROFESSIONAL REGISTRATION



18. OTHER PROFESSIONAL QUALIFICATIONS

38+ years of commercial interior design experience ranging from municipal, to corporate and foodservice/retail. Proficient in AutoCAD (currently using 2015), In Design, Microsoft Excel, Microsoft Word, Adobe Photoshop and Quickbooks Pro. Extensive space planning, construction documentation, graphics & signage, lighting, specification writing, furniture selection, all facets of interior design detailing and finish selection knowledge.

25 years of business ownership with multiple employees bringing a leadership role and multifaceted business experience and team approach to project success. Currently applying for WBE/DBE certification.

19. RELEVANT PROJECTS					
	(1) TITLE AND LOCATION		COMPLETED		
	WALDORF WEST PUBLIC LIBRARY	PROFESSIONAL SERVICES	CONSTRUCTION		
	Waldorf, Maryland	2012	2014		
a.	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE	Check if project performed with			
	Interior Designer; The new Waldorf West Library will be a two (2) story, 30,000 sf state-of-the-art, It will serve programs for children, their parents and other adults as well. The new Waldorf West Lil Maryland				
	(1) TITLE AND LOCATION	(2) YEAR (COMPLETED		
	UMD ORTHOPAEDICS at COLE FIELD HOUSE	PROFESSIONAL SERVICES	CONSTRUCTION		
	College Park, MD	2016	2017		
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE	Check if project performed with	current firm		
b.	 Generated Space plan, interior design package and design development documents. Approx 30,000 useable sq.ft facility featuring hospitality areas, conferencing and a hospitality-like approach to medical use design. Services included creating custom flooring patterns, all finish materials, lighting, furniture selection/placement and a large volume of custom design features. Role: Space Planner & Interior Designer Cost: \$6. M Start & Completion: 9/16-8/17 GSF: 39,000 New Construction Use of Building: Center for Sports Medicine, Health and Human Performance 				
	(1) TITLE AND LOCATION	(2) YEAR ((2) YEAR COMPLETED		
	CITY OF DISTRICT HEIGHTS – SENIOR CENTER / REC CENTER District Heights, MD	PROFESSIONAL SERVICES 2018	CONSTRUCTION		
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Check if project performed with current firm				
C.	and Police Station at 2000 Marbury Drive, District Heights Maryland. MDG provided full design services for this two (2) 10,500 square foot facility. This included programming, schematic design and construction documents. The program includes; activity spaces, cafe / lounge, multi-purpose room, game room, a fitness center, a wellness center, computer classrooms, a small reference library, arts & crafts room, conference rooms and administrative offices				
	(1) TITLE AND LOCATION	(2) YEAR (COMPLETED		
	BRUNSWICK LIBRARY	PROFESSIONAL SERVICES	CONSTRUCTION		
	Brunswick, MD	2009	2010		
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE	Check if project performed with	current firm		
a.	d. Generated design and finishes package for entire library. Created Teen Zone and Discovery Zone prototype concepts. Generated all detail drawings and signage concepts. Role: Interior and Graphic Designer Cost: Start & Completion: 2008-4/11 GSF: +/- 15,000 New Construction Use of Building: Public Library				
	(1) TITLE AND LOCATION	(2) YEAR (COMPLETED		
	CARNEGIE SCIENCE CENTER	PROFESSIONAL SERVICES	CONSTRUCTION		
	Pittsburgh, PA	2009 - 2013	2013		
e.	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE	Check if project performed with	current firm		
	Interior Designer: Generated design for Warhol Café, Fossil Fuels Café, Riverview Café and Carnegie Café. Each area required multiple design options and custom millwork design. All finish selections and specialty design features were generated. Ongoing subsequent foodservice counter front design to Riverfront Café as well. Cost: \$2 M GSF: +/- 10,000 Renovated Area Use of Building: Science Center				

13. ROLE IN THIS CONTRACT 12. NAME 14. YEARS EXPERIENCE Senior Designer / Drafter a. TOTAL b. CURRENT FIRM **Kendall Rhyne** 34 12 15. FIRM NAME AND LOCATION Morgan Design Group, Architects 17. CURRENT PROFESSIONAL REGISTRATION 16. EDUCATION Maryland Drafting Institute, Architectural Drafting Degree, 1985

18. OTHER PROFESSIONAL QUALIFICATIONS

Mr. Rhyne has over 32 years of project experience in educational, hospitality, mixed use, commercial, retail and government design. His recent portfolio of work includes significant projects in Lexington Market, the Public Safety Training Center and Reisterstown Firehouse Addition. His approach to projects is genuinely bringing owners, engineers, designers, builders and the community into the process. He responsibilities include; CAD management, CD production and field surveys. He has participated in numerous Open-End Contracts.

	19. RELEVANT PROJECTS				
	(1) TITLE AND LOCATION	(2) YEAR COMPLETED			
	PARK SCHOOL ATHLETIC CENTER	PROFESSIONAL SERVICES	CONSTRUCTION		
	Baltimore, MD	2008	2009		
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE	Check if project performed with o	current firm		
a.	Senior Designer: The new Athletic Center 42,000 SF building will house a large The second floor will house three new state-of-the-art science labs for use by M administrative area for the business office. This facility is designed to be expanded to construction cost \$4,000,000, Completion 2008. Role: Designer, Senior Drafter	iddle and/or Upper School st ded as the school grows ove	tudents, as well as an		
	(1) TITLE AND LOCATION	(2) YEAR C	OMPLETED		
	WALDORF WEST LIBRARY	PROFESSIONAL SERVICES	CONSTRUCTION		
	Waldorf, MD	2012	2014		
	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE	Check if project performed with o	current firm		
b.	Senior Drafter: The new Waldorf West Library is a two (2) story, 30,000 sf state- needs of a diverse community. It will serve programs for children, their parents which allows full participation in the "digital world". Through a cooperative effort Board of Education, Southern Maryland Childcare Center, Charles County Litera and more, a comprehensive program was developed by MDG and the Library for for effective dissemination of information and interaction among these agencies	and other adults as well. It various agencies, includir acy Council, Community Action or this new library to become	vill create a environment ng the Charles County on Committee, Head Start		
	(1) TITLE AND LOCATION	(2) YEAR COMPLETED			
	BALTIMORE CITY COMMUNITY COLLEGE Baltimore, MD	PROFESSIONAL SERVICES 2005	construction 2006		
C.	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE	Check if project performed with o	current firm		
Senor Drafter: Renovation of the main building on the Liberty campus, and extensive renovations to new theater, new entrance a relocated food service area. Exterior renovation will include removal of the building's glass facade and replacement with materials that are compatible with other buildings on campus. Construction Cost \$40.8 million. Completion 2005 Role: Designer, Senior Drafter.					
	(1) TITLE AND LOCATION		OMPLETED		
	MARYLAND SCIENCE & TECHNOLOGY BUILDING @ MILFORD Bowie, MD	PROFESSIONAL SERVICES 2007	construction 2008		
d.	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE	Check if project performed with o	Nirrent firm		
	Senior Designer: A 466-acre, mixed-use business community that, at final build out, will contain nearly three million sq. ft. of office and R&D/flex space; approximately 200,000 SF. of retail space; and a full-service hotel. Office Building 151,892 SF Completion 2007 Role: Designer, Senior Drafter.				
	(1) TITLE AND LOCATION		OMPLETED		
	PUBLIC SAFETY TRAINING CENTER	PROFESSIONAL SERVICES	CONSTRUCTION		
	Sykesville, MD	2002	2001		
e.	(3) BRIEF DESCRIPTION AND SPECIFIC ROLE Senior Drafter: The Public Safety Training Center is a 200,000 SF facility with a enforcement cadets and advanced studies for professional development of ser assessment of 3 different State owned sites. The final site selection at Springf assessment, programming, a cost estimate, proposed phasing and a graphic s Department of Budget and Management for the State of Maryland and to the T	nior officers. The Master Pla ield Hospital in Sykesville, M ite plan. The Master Plan w	ated to the education of law n includes a site aryland includes a building		



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

1

21. TITLE AND LOCATION (City and State)	22. YEAR	R COMPLETED
City of District Heights Senior Center District Heights, Maryland	PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2020

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
The City of District Heights	Mr. Dan Baden	(410) 980-1538
2000 Marbury Road		
District Heights, Maryland 20747		

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





The new Senior Activity Center for the City of District Heights is located immediately alongside of the existing Municipal Building and Police Station at 2000 Marbury Drive, District Heights Maryland. MDG provided full design services for this two (2) story, 10,500 square foot facility. This included programming, schematic design and construction documents. The program includes; activity spaces, cafe / lounge, multi-purpose room, game room, a fitness center, a wellness center, computer classrooms, a small reference library, arts & crafts room, conference rooms and administrative offices. It also included a small prep / demonstration kitchen for food classes and dining. A new entrance to the existing recreation center was also provided.

Construction consists of structural steel frame, concrete floor slabs, brick curtain wall facade with metal panel / glazing system. An outdoor terrace is provided on the second floor which overlooks the existing athletic fields.

Relevance: Senior Center, public facility

25 FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	20.1.1			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	
a.	Morgan Design Group	Westminster, Maryland	Prime Consultant	

b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(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

2

21. TITLE AND LOCATION (City and State)

City of District Heights - Youth Services Bureau Building

District Heights, Maryland

22. YEAR COMPLETED		
PROFESSIONAL SERVICES CONSTRUCTION (if applicable		
2018	2019	

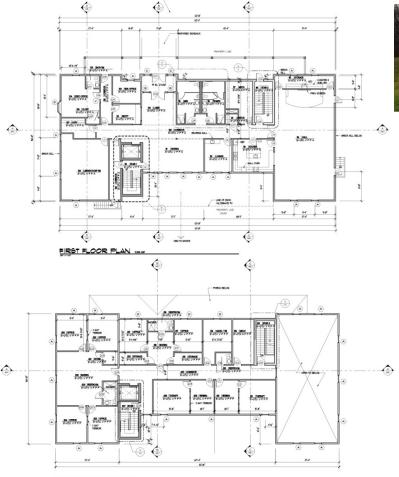
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
The City of District Heights	Mr. Dan Baden	(410) 980-1538
2000 Marbury Road	danbaden@comcast.net	
District Heights, Maryland 20747		

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

The existing Youth Services Bureau is located in two temporary trailers on the site where the new Senior Center is to be located. As part of the Senior Center project that we recently completed a new home for the Youth Services Bureau was necessary before the Senior Center could be constructed. The City purchased land nearby which was originally part of a new townhome community. A six lot section of townhomes became available as the developer pulled out of the project.

MDG was commissioned to prepare a design and construction documents for a new 10,500 GSF Youth Services Building on that site. The program included; youth counseling offices, play therapy / observation rooms, an banquet hall with small commercial kitchen, storage, audio room, a large waiting area with play features, administrative offices and a outdoor deck with Zen Garden. Because of the nature of the facility and the adjacent residential townhomes, a residential style both inside and out was decided upon. Construction is a two story wood frame / light commercial building with vinyl siding and brick veneer, double hung windows and asphalt shingle roofing. Modification to the existing SWM facility was required due to the new use.







Neighboring townhomes





Relevance: Local Government, Public Youth Services Facility







25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Morgan Design Group	Westminster, Maryland	Prime Consultant (architect)
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
b.	Adtek Engineers	Frederick, Maryland	Civil / Structural Engineer
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
C.	G R Engineers	Baltimore, Maryland	MEP Engineer
-	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.			

Key Staff Participants:

Jeffrey Morgan – Principal / Project Manager Kendall Rhyne – Cadd Drafter / Designer Anne Manchester – Specification Writer

$acct\#\ 2291861000$ 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

3

21. TITLE AND LOCATION (City and State)

GLADE VALLEY GOLF CLUBHOUSE

Walkersville, Maryland

22. YEAR COMPLETED PROFESSIONAL SERVICES 2008

CONSTRUCTION (if applicable) tbd

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Glade Valley Golf Club	James Reck	301-898-5555

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

MDG provided a feasibility study and schematic design services to expand the existing golf clubhouse and banquet facility. The current clubhouse is an old heavy-timber framed barn which was prior converted into the clubhouse, café' and pro shop.

Relevance: Golf clubhouse, Banquet Facility, Foodservice, Retail, Barn structure conversion, **Community Center**









25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Morgan Design Group	Owings Mills, Maryland	Prime Consultant
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
b.			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
C.			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.			



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

4

21. TITLE AND LOCATION (City and State)

Waldorf West Public Library

Waldorf, Maryland

22. YEAR COMPLETED		
(if applicable)		
1		

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Charles County Government	Mr. Mike Snyder / Ms. Emily Ferren	(301) 396-5829 / (301) 934-9001

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

The new Waldorf West Library will be a two (2) story, 30,000 sf state-of-the-art, multi-function public library to serve the needs of a diverse community. It will serve programs for children, their parents and other adults as well. It will create an environment which allows full participation in the "digital world". Through a cooperative effort of various agencies, including the Charles County Board of Education, Southern Maryland Childcare Center, Charles County Literacy Council, Community Action Committee, Head Start and more, a comprehensive program was developed by MDG and the Library for

this new library to become a centralized point to allow for effective dissemination of information and interaction among these agencies.

Programmed spaces include: Multi-Purpose Meeting Rooms, Children's Area, Circulation Desk, New Releases, Knowledge Center, Teen Central, Vending / Cafe, Study / Tutor Rooms, reading areas throughout and more. The Library will house about 30,000 volumes of various media. Interactive learning technology was also be included.

Construction consist of structural steel frame, masonry veneer with metal stud backup, concrete floor slabs, standing seam metal roof, high efficiency HVAC for 20% energy savings.

The new Waldorf West Library will be the first LEED Certified library in Charles County, Maryland.

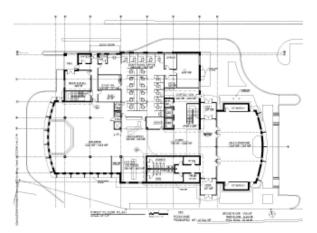
"You do a great job advocating for our needs as part of the design and it is sincerely appreciated" - Emily Ferren, Waldorf Library

Relevance: Public Library, Southern Maryland experience

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Morgan Design Group	Owings Mills, Maryland	Prime Consultant
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
b.			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
C.			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.			
'	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
е.			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.			







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

5

Complete one Coulon Frejeau,		
21. TITLE AND LOCATION (City and State)	22. YEAR	R COMPLETED
Leonardtown Public Library Renovations Leonardtown, Maryland	PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) 2015

23. PROJECT OWNER'S INFORMATION

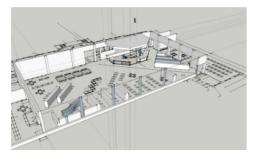
a. PROJECT OWNER St. Mary's County Government	b. POINT OF CONTACT NAME Gary Whipple	c. POINT OF CONTACT TELEPHONE NUMBER (301) 863-8400 x3565
23250 Hollywood Road	Mary Lee Russell	(301) 475-2846 x1005
Leonardtown, Maryland 20650		

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

A comprehensive renovation to an existing two story, 20,200 sf public library. The building was originally built as Armory for the U.S. National Guard in 1954. It was decommissioned as an armory in 1979 and in 1980 the building was used for County offices and a dormitory for released prisoners. In 1984 the building was converted into a library and administrative offices. In 2006 the building was designated as an "Easement Property" with the Maryland Historical Trust.

MDG was commissioned to renovate the library which included the following"

- Expand Children's area
- Add a new circulation desk
- · Reconfiguration of bookstack area
- · Reconfigure the second floor for study and tutor rooms
- Provide ADA access to the second floor via a new elevator
- Creation of a new communicating stair for better visibility and access to the second floor
- General code compliance upgrades
- · Addition of a second exit stair
- Complete HVAC and electrical upgrades
- Repair of existing windows to meet Maryland Historical Trust requirements.







Relevance: Public Library, Local / St. Mary's County Project Experience

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT (1) FIRM NAME (3) ROLE (2) FIRM LOCATION (City and State) a. Morgan Design Group Prime Consultant Owings Mills, Maryland (1) FIRM NAME (2) FIRM LOCATION (City and State) (3) ROLE b. Gipe Associates MEP Engineer Baltimore, Maryland (1) FIRM NAME (2) FIRM LOCATION (City and State) (3) ROLE C. Morabito Consultants Structural Engineer Sparks, Maryland (1) FIRM NAME (2) FIRM LOCATION (City and State) (3) ROLE d. Soltez Leonardtown, Maryland Civil Engineer

e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

(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

6

21. TITLE AND LOCATION (City and State)

CHESAPEAKE COMMUNITY COLLEGE LIBRARY

Learning Resource Center / Internet Cafe

Wye Mills, Maryland

22. YEAR COMPLETED
PROFESSIONAL SERVICES CONSTRUCT
2001

CONSTRUCTION (if applicable) 2003

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Chesapeake Community College	Monte Garrettson	(410) 827-5872

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



Associated Architect for completion of Design Development, Coordination and Construction Documents for a 2-story 45,000 sf Learning Resource Center with Library, Open and Private Study Areas, Admin. Office Spaces, Conference / Seminar Space, Classrooms, Lounge and Cyber Café.

Construction consisted of glazed 2-story curved curtain wall with solar screens and tinted glass. Other exterior facades are brick veneer on steel frame to match adjacent buildings.

Conference / Seminar Rooms and Classrooms have movable partitions and projection screens with ceiling mounted projectors. Power and data communication cabling are via wire duct system located under the slab encased in concrete.

Other design features included: graphic display wall at the main entry, outdoor terrace for ceremonial functions, such as commencement, a monumental slate stair in center of main volume, an open 2-story public space, and Furniture, Fixtures, and Equipment (FF&E) Layout. Construction Cost: \$7.8 million





25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

chitect
ngineer



(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

7

21. TITLE AND LOCATION (City and State)

MONTGOMERY COUNTY - FLEET RADIO REPAIR FACILITY

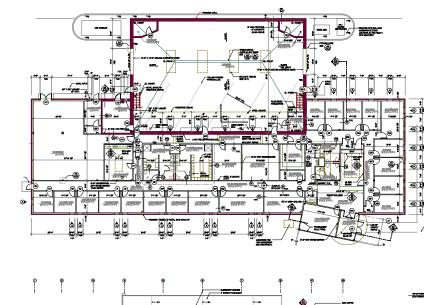
Derwood, Maryland

PROFESSIONAL SERVICES 2001 CONSTRUCTION (if applicable) 2002

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Montgomery County DPW&T	Mike Lowe	240-773-8000

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





Primary responsibilities include planning, design and coordination of mechanical, electrical, structural, and civil engineering consultants for a 14,000 square foot radio repair shop. In addition, the scope of the project includes filing for and tracking all necessary building permits, as well as WSSC and storm water management approvals, and construction administration services for the duration of the construction phase of the project.

The primary user of this facility is the Montgomery County Department of Information Systems and Telecommunications, Communications Maintenance Section. The future site is located behind the Montgomery County school bus depot.

Major issues involved in the project included coordination of the construction schedule and trenches for utilities with the school year schedule to minimize disruption of the bus depot activities. As such, the construction period must be carefully orchestrated and fast-tracked to allow for repair of the bus depot parking lot in the time-frame allotted. Other issues included providing large repair bays and sufficient turning room for large fire engines, designing adequate cooling for the shop area within the project budget, and providing secure storage for new, expensive radio units. In addition, the user required limited security access to specific areas of the building, controlled through a magnetic key card system.

Relevance: Montgomery County Government Experience

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT					
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
C.			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
е.	•		
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.			

(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

8

21. TITLE AND LOCATION (City and State)

Ocean City 2nd Street Public Works Complex

Ocean City, Maryland

 22. YEAR COMPLETED

 PROFESSIONAL SERVICES
 CONSTRUCTION (if applicable)

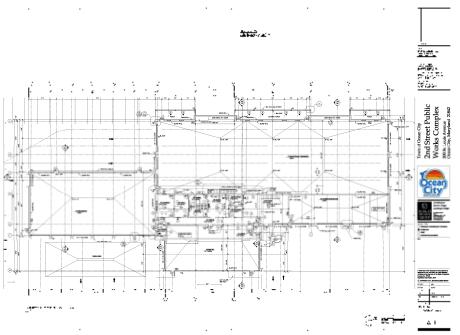
 2018
 2019 estimated

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
The Town of Ocean City	Mr. Dean Deshiell	(410) 520-5428
Public Works Administration		
208 65th Street		
Ocean City, Maryland 21842		

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





The new 2nd Street Public Works Complex serves the needs of the visitors of Ocean City and residents alike. This 19,475 sf, single story, steel and masonry structure, located on St. Lewis Street between 2nd & 3rd street bayside will service and store the majority of the town's public work equipment including; boardwalk trams, beach cleaning tractors and various other maintenance equipment. It will also serve as an Emergency Operations Center in times of hurricanes and other weather events. A 4,000 KVA emergency generator is provided as well as a 1,000-gal fuel tank and dispenser. A

Separate storage areas are provided for each major category of equipment, all with access to administrative office, Muster Room, and toilet facilities.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. Morgan Design Group

(2) FIRM LOCATION (City and State)

Westminster, Maryland

(3) ROLE

Prime Consultant (architect)

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
b.	McCrone Engineers	Salisbury, Maryland	Civil Engineer
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
C.	Kibart Engineers	Baltimore, Maryland	MEP Engineer
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

20. EXAMPLE PROJECT KEY NUMBER

(Present as many projects as requested by the agency, or 10 projects, if not specified.

Complete one Section F for each project.)

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED		
SHA – CAMBRIDGE MAINTENANCE FACILITY Cambridge, MD	PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) 2017	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
State of Maryland – State Highway Administration	William Glassmyer PE	410-316-2347

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

As part of an ongoing open-end contract with SHA (as Associate Architect with WRA) we designed numerous storage and maintenance facilities. As a sub-consultant, MDG provided complete thermal envelope review and consultation including detailing of walls, roofing, flashing, windows, doors, etc.

The Cambridge Maintenance Facility is critical to supporting the maintenance of roads and infrastructure, as well as safety work during inclement weather and when a state of emergency is issued.

To provide a facility that is capable of housing tools and vehicles, such as dump trucks, lawnmowers, large vacuum trucks and service trucks, a 26,000 SF maintenance building, 13,000 SF vehicle storage building, 10,400 SF crew building, 4,000 ton salt barn, material storage bins, brine tanks, fuel island, truck wash, and on-site equipment/materials storage was designed. Functions include offices, conference rooms, inventory, lunch room, locker/shower rooms, three full-service bays with overhead crane, truck lifts, welding area, service reels, support equipment, vehicle storage for twelve dump trucks, pull-through wash bay, enclosed garage bays to store small pick-up type trucks and various types of equipment used in the field.







	25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
a.	WRA, Inc	Sparks, Maryland	Prime Consultant		
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
b.	Morgan Design Group, Architects	Westminster, Maryland	Associate Architect		
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
C.					
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
d.					
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
e.					
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
f.					

H. ADDITIONAL INFORMATION

29. ROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED:

COMPANY INFORMATION



Morgan Design Group, Architects

2775 Green Leaf Court, Suite B Westminster, Maryland 21157 Phone: (410) 356-0122 Fax: (443) 926-9964 Web: www.mdgarch.com

Jeffrey B. Morgan, AIA - Principal email: jmorgan@mdgarch.com

BRIEF HISTORY OF FIRM

Morgan Design Group, Architects (MDG) is an award winning, full service architectural firm committed to providing the highest quality architectural services possible. The firm was founded in January of 1991 (nearly 30 years ago) by Jeffrey B. Morgan, AIA on the basis that all clients should expect the principal's involvement at all phases of the project, regardless of the project's size or scope. As the business owner, Mr. Morgan is the primary contact and is responsible for overall management and quality control. The firm has been providing design services for commercial projects, including higher educational facilities of all types since its inception in 1991. In addition, Principal Jeffrey Morgan's 38 years of experience includes numerous colleges, libraries, both public and academic as well as many community related projects.

Morgan Design Group is a seven (7) person firm that is capable of providing complete architectural/engineering services including; programming, interior design, feasibility studies, cost estimating, and construction administration for virtually all project types including; municipal, educational, commercial, senior housing, medical, industrial, institutional, technological and residential. We have recently provided design services for single projects of up to \$44 million in construction cost. We are not a "mega-firm". We have chosen to control our growth to ensure that our experienced Principals are fully vested in the very specific needs of each client. By having fewer clients at any given time, we can focus our attention to their project needs while at the same time bringing decades of experience to bear. Our philosophy is simple. "We design to meet our clients' needs, not merely to impress other architects". We involve you in the design process.

MDG offers the following professional services:

Architectural design & documentation Interior design Landscape design Space planning Library Planning Programming Feasibility studies / reports Cost estimating / budget assistance Construction administration services Zoning & master planning assistance Site analysis, evaluation & selection ADA evaluations Historical preservation / restoration Graphic design & rendering Drafting services (both CAD and manual) Building Information Modeling (BIM) Complete engineering (with consultants) LEED Evaluation / High Performance Design Complete engineering services via consultants





UNDERSTANDING THE REQUIREMENTS & ABILITY TO MEET

We understand this is an "Indefinite Delivery Indefinite Quantity" (IDIQ) contract for a term of _______. MDG is accustomed to working on IDIQ and fits with our business model perfectly. We have recently held IDIQ contracts with the State of Maryland Judiciary, Med-Tel International and St. Mary's County Department of Public Works & Transportation. As such, we understand that the nature of these types of projects tend to be smaller in scale and often with tight timelines. We have the staff to quickly assess the project requirements and deliver in a timely manner. Additionally, we have experience in virtually all project types including, but not necessarily limited to: public use facilities, senior facilities, municipal, judicial, recreational, medical, and more.

WORK PLAN

Project Approach

As with all projects, our project approach begins with a careful selection of engineering and other specialty consultants tailored for each client and their project.

Morgan Design Group values the involvement of the <u>client</u> in the design process. You will find us to be willing listeners and team players. We have aligned ourselves with quality consultants and associates. The appropriate team of consultants is assembled based on each project's requirements. We are able to provide the client with a design solution that is original, practical, and meets the project objectives. Not simply a textbook design.

Design management will begin with in-depth interviews of the user's key personnel, faculty, staff and administrators to clearly understand the needs, deficiencies and goals for the project. As a result, the final analysis will be clearly developed. A clear and precise understanding by all members of the design team at the onset is critical to the success of the project.

Pre-Planning

The pre-planning is the most critical step in a facility condition assessment (FCA). If it isn't done or is done poorly, the entire project and outcomes will suffer immensely. Pre-planning is completed before any fieldwork, data collection, analysis, or programming is done. It's here where the right communication, expertise, leadership, and collaboration adds immense value to your project and your future strategic decisions for your facilities and campus. The specific details and philosophies for your assessment, data, analysis, and reporting is discussed and clarified.

We lead strategic discussions with your stakeholders in a collaborative process that ensures that the data collected, database, integrations, and reports are the tools that you'll need to be able to make informed and confident decisions for facility for years to come.

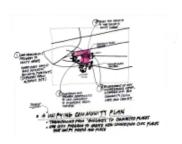
Specific task anticipated for your project will include:

- Meet with key personnel from the community center to ascertain needs, goals, objectives and possible constraints, then clearly
 document results of this meeting and distribute to all and incorporate into design development.
- Document existing condition with respect to size, current usage, possible usage, physical conditions, and limitations. This will include, architectural, ADA, MEP, energy consumption, site conditions, long-term operating cost and life expectancy, etc.
- Review on-site activities, programs, operations and interview staff to fully understand all assets as well as deficiencies with the facility from both a physical and operational standpoint.
- Provide an "asset health index" that reflects the health of your equipment, systems and facilities and where they are in their life cycle. This index can help you understand what intervention is needed and how soon – maintenance, refurbishment or planned replacement.
- Provide a Conditions Assessment that can help you design an asset management program to appropriately care for existing assets and facilities.
- Provide Cost analyses and timelines to help you build your capital budget
- We expect that this assessment study will be used to develop future programs and possible construction or renovation to your facility. We will ensure that actual field conditions and dimensions are documented accurately.
- Be willing listeners and team players throughout the process. (always consider the user's point of view)
- Remain open to suggestions and comments from all user agencies.
- Develop a successful professional working relationship with The City of Gaithersburg.
- Create an esthetically pleasing and functional solution that meets the needs of the Community.
- Abide to a timely and streamlined design process throughout all stages of the project. Assuring that the client and the entire design team has a clear understanding of the needs, goals and schedule required to complete the project.

It is expected that the City will provide access to all areas of the project facilities upon reasonable request timeline. The city shall also make available to the A/E team all existing documentation related to the facility for physical assessment and future needs assessment purposes. We understand the need for adequate notice to City personnel to gain access to sensitive or secure areas. As a public community facility, we understand the need to respect the privacy of the staff and users and will conduct our investigations accordingly.

We anticipate a series of meetings throughout the process. The initial kick-off meeting will include the entire A/E team along with key staff and administrators of the community center to determine goals and an acceptable work plan moving forward. There may be a need for additional meetings with user groups to solicitate their needs and input. Finally, there will be a presentation to present the results of our finding and to discuss the next phase as appropriate.

Approvals are typically required for building construction or alterations which are anticipated to be part of subsequent phases but not anticipated in this FCA/FUNA phase. One possible exception would be if any destructive testing is required, however none is anticipated at this time.









Project Cost Control

Project Cost is controlled by use of specialized computer programs to prepare construction cost estimates. Most importantly, we do not rely solely on outside cost estimators. They, like Contractors, sometimes price only what is shown on the drawings. We utilize our diverse experience and feedback from contractors to develop cost estimates. These estimates will follow the new standard 2004 CSI 49 division format.

Quality Control

Quality Control or better termed Quality Assurance is a process, not just a result. It is on-going. In our office, it is applied to both function and esthetic. Quality Control reviews are typically performed at each phase of the project. Final reviews at the end of all stages will be conducted by the principal in charge, Jeffrey B. Morgan. These reviews are performed using a standard checklist that we have developed based on our diverse experience.

Quality control will also be monitored throughout the project with review meetings with the consultants and the presence of the client will be requested when needed. Morgan Design Group will also conduct site visits. The firm's close proximity to the site will allow for quick arrival to the site when necessary. Additionally, we ask our clients to fill-out our performance evaluation questionnaire midway and at the completion of the project. This will be especially important with this project in that its duration will be relatively short compared to a full design project. Our Design Quality Control (DQC) Plan will be submitted to the client at the onset of the project.

Company Resources

If your projects require Computer-Aided Design and Drafting (CADD), and Building Information Modeling (BIM) we have the latest state of the art resources in-house utilizing both AutoCad and Revit software. We also have the hardware to support all office functions including, plotting, blueprinting, photocopying, color rendering, 3D graphics, structural design, scheduling, project management, accounting, and administration. Additionally, we use the advantages of e-mail and the Internet to transfer documents to our clients and consultants quickly and reliably.

High Performance Design

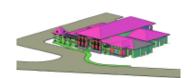
In recent years, MDG has set in-house design standards to implement both "High Performance" and " Green Building" standard on all projects whenever possible or appropriate to our clients desires. We have recently provided LEED design for Charles and Montgomery County Government Projects and sustainable design for recent private school renovations. Our diverse experience along with emerging technologies will ensure that our designs will:

Provide for a healthy indoor environment for the residents Insure ease of maintenance and operations Conserve energy and natural resources Serve the needs of the community, now and in the future Serve as a teaching tool to be good stewards of our environment Provide a safe and secure environment for living

Example strategies my include; natural day lighting, natural ventilation, air quality, utilizing natural site features for storm water runoff, use of high efficiency mechanical / electrical systems, life cycle cost analysis, and commissioning.

To ensure maximum effectiveness and success, we often turn to our outside consultants for guidance, combined with our in-house staff experience on more complex projects. We are also members of the US Green Building Council.







MANAGEMENT PLAN & TIMELINE

Schedules are prepared utilizing sophisticated computer software (Microsoft Project) programs. Every other Monday, project meetings are held with MDG and their consultants to discuss current issues and staff assignments to each project. Project schedules are updated at each design meeting with the client and at in-house meetings. The schedule tracks the actual progress with the original schedule in a graphical and numerical format. Adjustments in personnel assignment are made accordingly. Also, important design submittals with local approving agencies (particularly site related) are identified and tracked as well. Examples would include Storm Water Management Concept Plans, applications for public utility connections, Reforestation and the like.

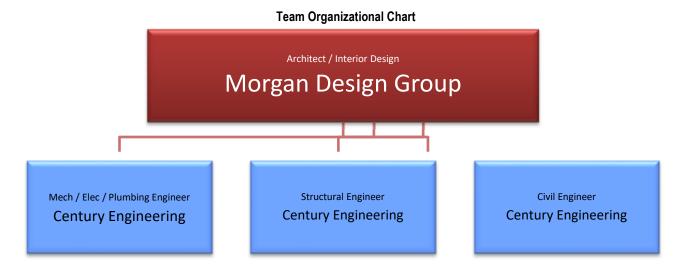
FIRM EXPERIENCE & CAPABILITIES

Company Resources

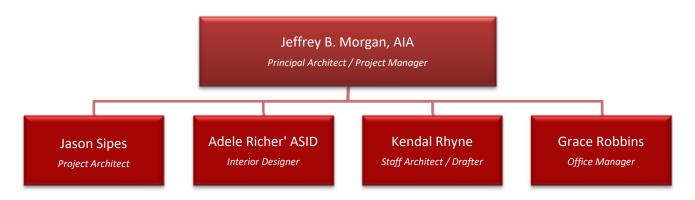
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Experience with Prince Georges County Permits

Over our 31 years of practice, we have had many occasions to work with the local building permit, zoning and fire marshal's office and in various capacities. This includes recent past experience for several projects in **Prince Georges County**, therefore we have up to date knowledge of all Permitting regulations. Building and sprinkler permits are issued through Department of Permitting Inspections & Enforcement (DPIE). Food related facilities require approval from the Health Department. Other agencies include WSSC, MNCPPC, NFPA, State of Maryland, etc. Building permits are issued by the City.



MDG Staff Assignments



MDG and our team of consultants has extensive experience with **municipal** and **Indefinite Delivery / Indefinite Quantity** (open-end) contracts. This represents approximately 20% of our revenue. We have been providing these services for 30 years. However, virtually every project requires some level of programming or FUNA task. One recent project of note is the City of District Heights Senior Community Center which was a 10,500sf addition to their existing Municipal Building. (see attached Project Experience sheet) Our Principal Architect, Jeffrey Morgan, AIA has been providing similar services for the past 42 years and leads this effort at MDG. Our office, consisting of a staff of seven (7) is located in Westminster, Maryland, just 40 minutes from the City of Gaithersburg. The principal contact is Jeffrey Morgan, AIA.

STAFF QUALIFICATIONS, EXPERIENCE & CAPABILITIES

Current Workload

Having worked for many community and local government clients, we are accustomed to working with tight schedules. We are currently at about 50% production capacity. We have recently completed some of our larger projects, so we have staff available and are able to begin work immediately.

Staffing / Manpower:

With an in-house staff of seven (7) historically, we have been able to meet the needs and schedules of all of our clients. We have staff available immediately as indicated by the table below. The timing of this project would fit our work schedule perfectly. To that end, we expect to have a minimum of three (3) in-house staff available immediately for your project. Furthermore, other staff resources can be available in short order with simple in-house staffing adjustments. Staffing is typically reviewed on a weekly basis and adjustments are made to meet particular project demands.

Current technical staff availability in man-hours: (12 month projection)

140

Architectural / Interior Design(* indicates staff assigned to this project)						
Staff Member	3 months	6 months	9 months	12 months		
Jeff Morgan, Principal / PM *	25 hrs / wk	30 hrs / wk	30 hrs / wk	30 hrs / wk		
Jason Sipes, Design / production*	30 hrs / wk	30 hrs / wk	40 hrs / wk	40 hrs / wk		
Adele Richer', Production *	30 hrs / wk	30 hrs / wk	40 hrs / wk	40 hrs / wk		
Grace Robbins, Admin*	20 hrs / wk	20 hrs / wk	20 hrs / wk	20 hrs / wk		
William Moyer, Production	10 hrs / wk	30 hrs / wk	30 hrs / wk.	40 hrs / wk		
Julie Wilson, Design Quality Control	10 hrs / wk	10 hrs / wk	20 hrs / wk	20 hrs / wk		
Kendall Rhyne – Production	10 hrs / wk	20 hrs / wk	30 hrs / wk	30 hrs / wk		
Total	135	170	210	220		
Engineering Consultants (assigned to this project)						
Mechanical Engineers	60 hrs / wk	60 hrs / wk	80 hrs / wk	80 hrs / wk		
Electrical Engineers	60 hrs / wk	60 hrs / wk	80 hrs / wk	80 hrs / wk		
Food Service Consultants	20 hrs / wk	20 hrs / wk	10 hrs / wk	0 hrs / wk		

We anticipate that 4 of our 7 inhouse staff will be assigned to you project. Refer to staff resumes for detailed experience & qualifications. We expect to sub-contract the engineering and specialty portions of this contract as noted in the Team Organizational chart above.

170

140

Total

REFERENCES

Client: City of District Heights
Address: 2000 Marbury Avenue

District Heights, Maryland 20747

Contact: Mr. Daniel Baden, City Treasurer

Phone: (410) 980-1538

email: danielbaden@comcast.net

Project Name: District Heights Senior Community Center

Description: The new Senior Activity Center for the City of District Heights is located immediately alongside of the existing Municipal

Building and Police Station at 2000 Marbury Drive, District Heights Maryland.

Client: St. Mary's County Government

Address: 23250 Hollywood Road

Leonardtown, Maryland 20650

Contact: Mr. Gary Whipple Phone: (301) 863-8400 x3565

email: <u>Gary.Whipple@stmarysmd.com</u>
Project Name: Leonardtown Public Library Renovation

Description: A comprehensive renovation to an existing two story, 20,200 sf public library.

Client: Charles County Public Libraries

Address: 2 Garrett Avenue

LaPlata, Maryland 20646

Contact: Ms. Emily Ferren, Director Phone: (301) 934-9001 ext. 20 eferren@somd.lib.md.us Project Name: Waldorf West Library

Description: A new "state of the art", LEED Certified, two story, 30,000 sf public library with multi-purpose community meeting rooms.

Client: Charles County Department of Planning & Growth Management

Address: 200 Baltimore Avenue

LaPlata, Maryland 20646

Contact: Mr. Mike Snyder, Project Manager

Phone: (301) 936-4829

email: SnyderM@charlescounty.org

Project Name: Waldorf West Library

Description: A new "state of the art", LEED Certified, two story, 30,000 sf public library with multi-purpose community meeting rooms.

Client: **State of Maryland Judiciary Service**Address: 501 E. Fayette Street, Room 300

Baltimore, Maryland 21202

Contact: Mr Joseph White, Facilities Administrator

Phone: (410) 878-8961

email: Joe.White@mdcourts.gov
Project Name: Snow Hill District Court Addition

Description: A new lobby addition to accommodate expansion of Waiting Area, relocation of metal detectors and new Xray

equipment.

Client: State of Maryland Judiciary Service
Address: 501 E. Fayette Street, Room 300

Baltimore, Maryland 21202

Contact: Mr Jim Riley, Construction Manager

Phone: (410) 878-8826

email: Jim.Riley@mdcourts.gov

Project Name: Essex District Court Building Renovations

Description: Interior modifications to three courtrooms to include replacement of finishes, and improved lighting.

Client: Montgomery County Department of Public Works & Transportation

Address: 101 Monroe Street

Rockville, Maryland 20850 Mr Mike Lowe, Project Manager

Morgan Design Group, Architects

Contact:

Phone: (240) 777-6110

email: Mike.Lowe@montgomerycountymd.gov
Project Name: Montgomery County Radio Repair Facility

Description: Primary responsibilities include planning, design and coordination of mechanical, electrical, structural, and civil

engineering consultants for a 14,000 square foot radio repair shop. In addition, the scope of the project includes filing for and tracking all necessary building permits, as well as WSSC and storm water management approvals, and

construction administration services for the duration of the construction phase of the project.

Client: Covell Communities

Address: 16811 Chestnut Street, Suite B

Gaithersburg, Maryland 20877

Contact: Mr. Charles (Chuck) Covell, Owner

Phone: (301) 427-1400

email: ccovell@covellcommunities.com

Project Name: 1. Chester River Landing & 2. Gibson's Grant

Description: 1. Exclusive residential waterfront community consisting of 44 period historic residential living units with garage, boat

slips and community building with pool. Construction cost: \$45 million (estimated)

2. A new 16 unit townhome community on Maryland's Eastern Shore.

Client: Montgomery County Department of Public Works & Transportation

Address: 101 Monroe Street

Rockville, Maryland 20850

Contact: Ms. Saba Medhin , Project Manager

Phone: (240) 777-6015

email: Saba.medhin@montgomerycountymd.gov

Project Name: Montgomery County - Aspen Hill Library Renovations

Description: Aspen Hill is a Montgomery County branch library originally built in 1965 and later renovated in 1988. It contains

approximately 30,000 volumes.

Since the Americans with Disabilities Act of 1991 the library installed a chair lift to meet accessibility needs; however this

did not completely solve the problem and the lift had numerous mechanical problems.

Morgan Design Group and Sidhu Associates were commissioned to investigate removing the chair lift and installing a ADA compliant elevator in its place. Additionally, there were circulation problems and upgrading of toilet rooms which required assessment. As a result, a new elevator was proposed, the existing stack area was re-configured, new casework and shelves were installed and finally, the existing toilet rooms and mechanical rooms were modified. Access

to the library was to be maintained during construction.

Client: Remax Solutions

Address: 4510 Lower Beckleysville Road

Hampstead, Maryland 21074

Contact: Mr. Steve Cook
Phone: (410) 871-4300
email: tdmftptb@gmail.com

Completion Date: Current

Project Name: Office Renovations at 1431 N. Main Street

Description: Renovations and adaptive reuse of 3,000 sf, two story,18th Century building for Real Estate Sales Office. Design issue

included structural upgrades, ADA compliance and Egress compliance. MDG was contracted to correct and complete

the permit documents of another designer.

REQUIRED FORMS

See attachments

PRICING

See attachment under separate cover







Why Morgan Design Group

- ✓ Over 30 years of technology facility design experience.
- ✓ Current and past community center design experience
- ✓ Extensive experience with Space Programming and Needs Assessments
- ✓ Recent experience with many County Government projects
- ✓ Extensive experience with complex renovations and additions.
- ✓ Understanding of the building permit and approval process the Montgomery County and the City of Gaithersburg
- ✓ Engineering consultants with specific community center project experience.
- ✓ Accurate and reliable cost estimating.
- ✓ Immediate availability of staff and resources.
- ✓ Firm size insures personal service and experienced Principal involvement.
- ✓ History of success in meeting tight schedules and budgets.
- ✓ Competitive fees.

AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

1. SIGNATURE OF AUTHORIZED REPRESENTATIVE;

2. DATE SIGNED:

3. NAME AND TITLE OF SIGNER:

May 27, 2022

Jeffrey B. Morgan, AIA - Principal

imorgan@mdgarch.com (410) 356-0122

ARCHITECT - ENGINEER QUALIFICATIONS

PART II – GENERAL QUALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.)						
2a. FIRM (or Branch Office) NAME	(ii a iiiiii nas brancii omec		4. UNIQUE ENTITY IDENTIFIER			
Century Engineering, LLC			2021	06-487-5420		
2b. STREET				5. OWNERSHIP		
10710 Gilroy Road				a. TYPE		
<u> </u>			210.0005	Corporation (LLC)		
2c. CITY		2d. STATE	2e. ZIP CODE	b. SMALL BUSINESS STAT	THS	
Hunt Valley		MD	21031		100	
6a. POINT OF CONTACT NAME AN	D TITLE			Not Applicable		
Kent Hoffman, PE, LEED	APR CDT Vice Pres	eident		7. NAME OF FIRM (If Block	2a is a Branch Office)	
<u> </u>	<u> </u>	SIGGIII.				
6b. TELEPHONE NUMBER	6c. E-MAIL ADDRESS			The Kleinfelder Group, Inc.		
443.589.2400 <u>khoffman@kleinfelder.com</u>						
8a. FORMER FIRM NAME(S) (if any)				8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER	
Century Engineering, Inc.			1974	06-487-5420		

	9. FMPLOYEES BY DISCIPLINE 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS					
a. Function Code	b. Discipline	c. Number of Employees a. Profile (1) Firm (2) Branch Description: a. Profile Code b. Experience			c. Revenue Index Number (see below)	
06	Architect	16		B02	Bridges	6
07	Biologist	65		C10	Commercial Building (low rise); Shopping Centers	2
80	CADD Technician	165	47	C15	Construction Management	9
12	Civil Engineer	176	15	E03	Electrical Studies and Design	5
15	Construction Inspector	252	35	E07	Energy Conservation; New Energy Sources	1
16	Construction Manager	63	7	E11	Environmental Planning	3
19	Ecologist	60		E12	Environmental Remediation	4
21	Electrical Engineer	23	4	G02	Gas Systems (Propane, Natural, etc.)	4
23	Environmental Engineer	82		G04	Geographic Information System Services	6
24	Environmental Scientist	170	10	H04	Heating; Ventilating; Air Conditioning	5
27	Foundation/Geotechnical Engineer	138	2	H11	Housing	5
30	Geologist	113	1	O01	Office Buildings; Industrial Parks	1
34	Hydrologist	15		P07	Plumbing and Piping Design	4
36	Industrial Hygienist	11		S09	Structural Design; Special Structures	4
38	Land Surveyor	65	22	S10	Surveying; Platting; Mapping; Flood Plain Studies	5
40	Materials Engineer	16		S13	Storm Water Handling and Facilities	6
48	Project Manager	77		T03	Traffic and Transportation Engineering	8
57	Structural Engineer	63	11	T04	Topographic Surveying and Mapping	3
58	Technician/Analyst	257		W01	Warehouses and Depots	2
60	Transportation Engineer	62	21	W02	Water Resources; Hydrology; Ground Water	7
62	Water Resources Engineer	68 13 W03 Water Supply; Treatment and Distribution		5		
	Other Employees	661	64			
	Total	2,618	252			

11. ANNUAL AVERAGE PROFESSIONAL
SERVICES REVENUES OF FIRM
FOR LAST 3 YEARS
(Insert revenue index number shown at right)

a. Federal Work

b. Non-Federal Work

10

c. Total Work

11

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- . Less than \$100,000
- 2. \$100,000 to less than \$250,000
- 3. \$250,000 to less than \$500,000
- 4. \$500,000 to less than \$1 million
 - \$1 million to less than \$2 million
- 6. \$2 million to less than \$5 million
- 7. \$5 million to less than \$10 million
- 8. \$10 million to less than \$25 million
- 9. \$25 million to less than \$50 million
- 10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.

b. DATE

May 18, 2022

Kent Hoffman, PE, LEED AP®, CDT, Vice President



a. SIGNATURE

c NAME AND TITLE

RESOURCES AND CAPABILITIES

FIRM

Century Engineering, LLC, a Kleinfelder Company (Century) is a multidisciplinary consulting firm engaged in planning and design and construction management and inspection of a variety of projects for public and private agencies in the transportation, environmental and facilities industries. Century Engineering, LLC, and all affiliates - as of November 15, 2021- were acquired and have become part of the Kleinfelder, Inc. organization. Founded in 1961, Kleinfelder is a leading engineering, design, construction management, construction materials inspection, and testing firm. Together, we now employ over 3,000 professionals and operate from over 100 office locations in the U.S., Canada, and Australia.

Century offers our clients a staff providing quality, creative, and innovative professional services in many specialized areas. Century understands the demanding engineering field and collaborates with our clients to arrive at a solution specifically tailored to their needs. Century provides a full range of services to help our clients meet the financial, technical, and contextual challenges of delivering the economic, social, and environmental needs of the communities they serve. Our employees are skilled in their disciplines and keep pace with the latest technologies, design methodologies, construction techniques, and sustainability trends.

Quick Facts: Employees: 3,000+ | Offices: 103 | Years in Business: 68

MARKET

Municipal

Century has a long history of providing the renovations, upgrades, and additions necessary to enable municipalities to best serve their communities. We understand the unique challenges involved withmaintaining and improving infrastructure without disrupting daily life, and our clients rely on us repeatedly to bring their projects to fruition. Aging infrastructure or an increasing population may change your needs over time – Century can assist with upgrading existing systems or implementing new systems for many of your needs, including wastewater systems, community facilities, environmental planning, transportation engineering, and maser planning.

SERVICES

Oncall Contracts

An oncall contract requires a consultant to have easy access to a variety of different experts required to respond effectively to any type of A/E design project that arises. Century has extensive, recent experience in the management and execution of multi-disciplinary assignments under indefinite delivery or on-call services contract arrangements. We have performed assignments of this type for military, industrial, commercial, other public sector and private sector clients on utility work, housing assignments, waterfront design work, industrial expansion and remediation, municipal engineering, and facilities development and rehabilitation for a wide range of satisfied clients.

Century's experience includes design of renovation/alterations, replacement, and upgrades to facilities, in addition to new buildings. Since this is an "oncall" open ended contract that may include a wide variety of architectural/engineering type services, we have extensive, recent experience in the management and execution of multidisciplinary assignments under indefinite delivery or oncall services contract arrangements.

Civil Engineering/Land Planning/Site Development Engineering

Century offers a multitude of land planning and site development services, from investigations, feasibility studies, surveys, and planning studies, through construction drawings, permitting, and construction period services. Our staff develops designs that address clients' needs and schedules while staying in communication with local and state regulatory authorities to meet regulations for each project.



Landscape Architecture

Century's landscape architects collaborate with our land planning and site development professionals to design projects that meet the client's goals of being aesthetically and environmentally pleasing while meeting county/state regulations. Our staff has developed large-scale master plans for residential, commercial, institutional, and public projects, and provides preliminary layouts through detailed site amenity plans. Our concepts are developed with the same ideals intact – to visually soften building mass, mitigate noise, provide manageable maintenance, screen adjunct land uses, and to define and provide walkways with native plantings.

Mechanical/Electrical/Plumbing

Although mechanical, electrical, and plumbing (MEP) systems and equipment are generally out of sight, the proper design of these systems is critical for building functionality and occupants' comfort. Century's MEP engineers and designers collaborate with architects, owners, developers, site development engineers, structural engineers, and other team members to provide consultations and develop project documents covering all aspects of facility and site design in both the public and private sectors. Our MEP engineers have developed systems over an array of markets, including new build, renovations, and design-build projects in the federal, local, and commercial sectors.

Building and Waterfront Structures

Whether for a new facility, modification, or expansion, Century provides assessment and design services that best fit the client's purpose, budget, and timeline. Century also specializes in the design of marine andmaterial-handling facilities to serve the needs of a variety of industrial, fertilizer, and other manufacturing clients.

Geotechnical Engineering

Some of the factors most essential for the success of our clients' projects are hidden on or just below ground. Century performs a wide range of geotechnical analyses to help ensure that every project has a strong foundation. From walls, structures, and facilities to bridges, railways and roadways, we provide expert insight and inspired solutions for even the most complex challenges.

SIMILAR EXPERIENCE

Montgomery County

- Montgomery County Public Safety Academy Demolition
- Montgomery County Engineering Services for SWM Inspections
- Montgomery County Engineering Services for Transportation Facilities
- Maryland National Capital Park and Planning Commission (M-NCPPC) Various Projects
- Montgomery College Open-End Contract

City of Rockville

- City Hall Parking Lot Expansion
- City Hall entrance Ramp
- Pedestrian Bridge Inspections
- Rockville Swim Center Repairs
- Rockville Town Square Paver Rehabilitation

City of Laurel

- City of Laurel Oncall
- City of Laurel Plan Review Services
- City of Laurel HVAC Equipment Replacement
- Citywide Traffic and Parking Study
- Granville Gude Park: Lighting Replacement
- Riverfront Park Pedestrian Bridge Replacement



City of Annapolis

- Consulting Services
- Sidewalk Inspection/Improvements
- Truxton Park Tennis Court Renovations
- Prince George's Street Drainage Remediation

SUSTAINABLE DESIGN

Sustainable design involves providing for the needs of the present without detracting from the ability to fulfill the needs of the future. In facility design, this involves primarily energy, lighting, environmental, and materials considerations. Design decisions must be considered with respect to lifecycle costs, maintenance, and repair requirements, and use of environmentally friendly renewable materials. At Century, we begin this process in the concept design stage to allow the customer choices on layout and systems.

Century has extensive experience in all facets of sustainable design and has earned awards for its work from a wide variety of industry organizations, including the U.S. Green Building Council, the American Institute of Architects, the International Interior Design Association, the International Facilities Management Association, the Building of America Network, and Baltimore Heritage.



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)

13. ROLE IN THIS CONTRACT 14. YEARS OF EXPERIENCE a. TOTAL b. WITH CURRENT FIRM Piero "Pete" Mellits. Senior Site/Civil Engineer 34 2 PE, LEED AP®

15. FIRM NAME AND LOCATION (City and State)

12 NAME

Century Engineering, LLC - Hunt Valley, Maryland

- , , , , , , , , , , , , , , , , , , ,	
16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
1986, BS, Civil Engineering Technology,	1996, PE, MD, No. 21875
Old Dominion University	1994, PE, VA, No. 0402025104
	2018, PE, DC, No. 920454
	2018, PE, PA,No. PE086864
	2009, LEED® Accredited Professional (LEED AP®)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Mellits, Site and Civil Engineering Manager, oversees operations, including project delivery and business development. He is adept with land development and redevelopment; land planning; water; sanitary sewer; dry utilities; permit processing; stormwater management; storm drain; low impact development; environmentally sensitive design; paving design; sediment control; roadway improvement design and surveying; bonding procedures; and permit releases.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)

City of Laurel Oncall, Laurel, Prince George's County, MD.

(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2015-2017

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Senior Site/Civil Engineer . Oncall contract that covered any engineering needs that may arise for the City of Laurel. Services included under this contract are new construction, additions, planning, studies, construction documents, construction administration, surveys, annexation, historic district compliance, wetland/ environmental, and more. To date, performed at least nine projects, with tasks ranging from pavement nondestructive evaluations, inspections, and environmental assessments to plan reviews, sidewalk and roadway improvements, drainage and trail system repairs, surveying and more. Deliverables have included reports, recommendations, design plans, and construction documents and construction oversight. \$216,000 Collective Contract Fees

(1) TITLE AND LOCATION (City and State)

City of Laurel Citywide Traffic Study, Laurel, MD.

(2) YEAR COMPLETED CONSTRUCTION (If applicable) PROFESSIONAL SERVICES 10/2021 Ongoing

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Senior Site/Civil Engineer • Currently performing a study to determine the need for additional traffic control devices, or engineering design controls, address excessive speeding issues, and provide traffic calming recommendations. Study includes Speed data collection and analysis; Volume data collection and analysis; analysis of the most recent 3-years of crash data; and field observations. Traffic calming measures identified for implementation will be guided by the results of the speed study, roadway geometry, and field observations of all road users (vehicles, pedestrians, bicyclists, and micro mobility devices), City of Laurel Complete Streets Guidelines, and other applicable MDOT SHA best practices applications.\$190,000 Fee

(1) TITLE AND LOCATION (City and State)

Herald Harbor Fire Station, Anne Arundel County, MD.

(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 12/2020-Ongoing Ongoing

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Senior Site/Civil Engineer • for the new construction of a 4-bay drive-thru high performance fire station. The anticipated LEED® Silver station will also house amenities including sleeping quarters, lockers, kitchen, communication, and other support spaces. Design services included collaboratively working with the architect to analyze three (3) alternative schemes. Site work also included parking, stormwater management, landscaping, wet and dry utilities, and well as the relocation of exterior lighting fixtures, and the extension of gas services from site to building. \$123,450 Fee

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS OF EXPERIENCE		
Anthony J. Dietz, PE, LEED AP®	Senior Civil Engineer	a. TOTAL 35	b. WITH CURRENT FIRM 12	

15. FIRM NAME AND LOCATION (City and State)

Century Engineering, LLC - Hunt Valley, Maryland

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16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
1983, BS, Geography, University of Maryland	2006, PE, Maryland, No. 32574	
Baltimore County	2005, Maryland Erosion & Sediment Control Certification (ESC) #28189	
	2008, LEED® Accredited Professional (LEED AP®)	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Dietz has served in various capacities during his professional career. He has progressed from senior designer, project engineer to project management. He has experience in the design and preparation of road and highway plans, water lines, sanitary sewer systems, storm drainage systems, erosion and sediment control, site grading (both mass and final), earthwork quantities, state highway improvement plans, temporary traffic control and detour plans, stormwater management (both quantity and water quality), floodplain studies, (local, state and federal), stormwater management as-builts inspections and certifications. He has been responsible for the processing of plans through various county, municipal and state and federal agencies to obtain approval.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)

Montgomery County Public Safety Training Academy Demolition, Montgomery County, MD.

(2) YEAR COMPLETED

PROFESSIONAL SERVICES 1/2017-5/2017

5/2017

CONSTRUCTION (If applicable) 6/2017-11/2017

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Senior Civil Engineer • Demolition of all buildings on the project site, grading and site preparation for future development. Responsible for liaison with Montgomery County regulatory staff, and the Berg Corporation; oversight and QA/QC of design effort for grading and erosion and sediment control. \$59,000 Fee

(1) TITLE AND LOCATION (City and State)

Aberdeen Proving Ground (APG) Building E4010 Canopy/ PROFESSIONAL SERVICES Pavilion, Aberdeen, MD.

CONSTRUCTION (If applicable) 3/2018

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Senior Civil Engineer • Design for a new 30' x 30' prefabricate metal canopy/pavilion on a 36' x 36' concrete pad and included provisions for ADA access, canopy/pavilion lighting, a single electrical outlet and fourteen traffic bollards. In support of the overall design, supplied a topographic survey, grading plan, and design of the concrete pad adjacent to the existing parking lot. \$17,400 Construction Cost

(1) TITLE AND LOCATION (City and State)

Aberdeen Proving Ground (APG), 3326 Building ADA Access, MWR Recreational Center, Aberdeen, MD.

(2) YEAR COMPLETED				
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)			
6/2019	N/A			

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Senior Civil Engineer • Design of a new ADA accessible ramp/route leading from the facility parking lot to the MWR recreational facility, paralleling the existing stairway at Building 3226. The design incorporated a number of ramps and landings enclosed within the associated retaining walls and railings. This assignment was a task within a larger IDQ contract with a goal of enhancing pedestrian movement while containing perimeter security features. \$31,600 Fee

(1) TITLE AND LOCATION (City and State)

Maryland Zoo in Baltimore Parking Improvements and **Expansion, Baltimore, MD.**

(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 9/2020-Ongoing Ongoing

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Senior Civil Engineer • Design of a creative and environmentally sensitive parking lot expansion, including inspecting and updating pathways, ADA access/accessibility, circulation, signage plans, feature and segmental retaining walls, street and site lighting, public water main plans, tree inventory plans, SWM facilities, zoning and permitting, landscaping, creation of a contractor's bid package assistance, and assisting with the analysis of the construction quotes with final recommendations. \$47,200 Fee

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)

13. ROLE IN THIS CONTRACT 14. YEARS OF EXPERIENCE 12 NAME a. TOTAL b. WITH CURRENT FIRM Michael J. Pieranunzi. Landscape Architect 32 13 PLA, LEED AP® 15. FIRM NAME AND LOCATION (City and State) Century Engineering, LLC - Hunt Valley, Maryland 16. EDUCATION (Degree and Specialization) 17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) 1987, BS, Landscape Architecture. 1991, Landscape Architect, MD, No. 1008 West Virginia University 2009, LEED® Accredited Professional (LEED AP®)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Pieranunzi, a registered Landscape Architect, partners with architects, engineers, and owners to assist in implementing plans from conceptual design through construction. Mr. Pieranunzi has an extensive background in site planning and land development resulting in creative and environmentally-sensitive design solutions. After spending nearly three decades working on a variety of projects, he has gained exceptional skills in managing conceptual designs, design development, construction drawings, and site inspections. Mr. Pieranunzi has proven his ability to manage budgets, clients, agency officials, and staff on multiple occasions.

	19. RELEVANT PROJECTS			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		
	Bell Branch Park, Anne Arundel County, MD.	PROFESSIONAL SERVICES 4/2020	CONSTRUCTION (If applicable)	
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			
a.	Project Manager • This project involved the design and presentation			

Project Manager • This project involved the design and presentation of parking options to be located on the existing Bell Branch dog park site. The parking lot was designed to maximize parking for tournaments held on the adjacent multipurpose fields and included ADA parking spaces. The lot met all stormwater management and landscape planting requirements. \$16,700 Fee

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		
	Harford County Agricultural Center, Harford County, MD	PROFESSIONAL SERVICES 2016-2017	CONSTRUCTION (If applicable) 2018

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Check if project performed with current firm

Landscape Architect • The reconstruction of the historic Joesting-Gorsuch House, renovation of a commercial furniture sales/warehouse to office space for government agencies and associated amenities. Oversaw the preparation of a landscape plan for the proposed site improvements. The design included shade to the proposed parking lots, accentuated the entrance and screens the unsightly views.\$129,000 Fee

(1) TITLE AND LOCATION (City and State)

Sheridan Circle Concept Landscape/Hardscape Plan,
Washington, D.C.

(2) YEAR COMPLETED

PROFESSIONAL SERVICES 2017

CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Landscape Architect • Analyzed and designed landscape and hardscape improvements to the Sheridan Circle. Designed a concept landscape improvement plan for the vehicular sight lines and pedestrian experience. The pedestrian experience required safe crossing, handicap access and passive park experience. Analyzed the sight lines from the north and south and verified view access to the raised statue. Coordinated with Century's traffic engineers on road improvements and enhanced crosswalks to the circle. Experienced the site and its daily functions. The underutilized pedestrian area lacked a sense of setting, orientation to the statue and buffer from the vehicular traffic. \$6,000 Fee

(1) TITLE AND LOCATION (City and State)

Metropolitan Branch Trail, Fort Totten, Washington, D.C.

(2) YEAR COMPLETED				
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)			
2017	2018			

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Landscape Architect • esponsible the overall design and construction drawing preparation for the Landscape plans associated with the DDOT Metropolitan Branch Trail. The Fort Totten area trail improvements located from John McCormick Drive to 1st place streets consisting of 4,000 linear feet of improvements. The landscaping plan required multiple design implementations.\$792,900 Construction Cost

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)

12. NAME

Matthew Steiner,
PE, LEED AP® BD+C

13. ROLE IN THIS CONTRACT

MEP Engineering
Manager

14. YEARS OF EXPERIENCE

a. TOTAL
12

b. WITH CURRENT FIRM
7

15. FIRM NAME AND LOCATION (City and State)

Century Engineering, LLC - Hunt Valley, Maryland

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
1998, BA, Psychology, McDaniel College	2014, PE, MD, No. 45534
2001, AAS, Mechanical Technology,	2009, LEED® Accredited Professional
Onondaga Community College	(LEED AP® BD+C)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Steiner's varied, and comprehensive project experience includes electrical design for both small and large projects with both simple and complex electrical design aspects. Matt's broad technical experience includes medium voltage power distribution design, computer room generator/UPS selection, photometric calculations using AGI software, fault coordination and arc flash studies, SCIF design, construction cost estimating and electrical system commissioning. Mr. Steiner has a full understanding of the time constraints associated with the design process and takes effective measures to complete each project within the defined scheduled. In addition to his project management duties, he has been proactive in developing CAD standards and Quality Control standards. Matt has also presented educational seminars regarding lighting and energy codes..

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)

City of Frederick Department of Public Works, Generator and Switchboard Installation, Frederick, MD. (2) YEAR COMPLETED

PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
2017

2018

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Project Manager • Integration a new natural-gas fired outdoor generator, automatic transfer switch, and replacement 2000A switchboard into an existing, operational, multi-building facility. The switchboard and ATS were housed in a custom, UL-rated outdoor enclosure. A key facet of the project involved designing the equipment to limit downtime during the outage. The scope also involved a fault, coordination, and arc flash analysis of the entire DPW electrical system. The data for this study was obtained by subcontracting with an electrical contractor to remove panel covers. Oversaw all aspects of the design, including management of a Civil/Structural subconsultant and the electrical contractor subconsultant. A cost estimate was provided at each stage of the design. \$86,800 Fee

(1) TITLE AND LOCATION (City and State)

Fairfax County A/E Basic Ordering Agreement (BOA), Sully Community Center, Fairfax, VA.

(2) YEAR COMPLETED

PROFESSIONAL SERVICES 3/2014-7/2014

CONSTRUCTION (If applicable) 11/2014-11/2015

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Supervisor • Responsible for the engineering services to implement various modifications and improvements to this 35,000 SF building situated on five acres. Space within the community center includes a Healthcare addition, a gymnasium, exercise room, game room, computer room, multi-purpose space, classroom, art room, storage, commercial kitchen, and various administrative offices. Design included HVAC, plumbing, power and lighting systems; load calculations for HVAC requirements, HVAC control sequences, energy modeling, code required fire alarm device locations, exit and emergency lighting along with solar PV electrical design. \$30,861 Fee

(1) TITLE AND LOCATION (City and State)

Howard County Detention Center Medical Clinic Feasibility Study, Howard County, MD.

(2) YEAR COMPLETED

PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
2018

2020

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Supervisor • Supervised and prepared a concept design for the expansion of the existing Medical Unit within the detention center. The study developed concepts to provide all required Medical Unit spaces in a single area. Concepts studied expansion into existing occupied adjacent spaces or the construction additional building. The study included recommendations for relocating those spaces displaced by the expansion. Services included overall support of design, administrative, financial, and schedule components. \$5,800 Fee

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT		14. YEARS OF EXPERIENCE	
Andrew H. Jun, PE	Mechanical Engineer		a. TOTAL 7	b. WITH CURRENT FIRM
15. FIRM NAME AND LOCATION (City and State)				
Century Engineering, LLC - Hunt Valle	ey, Maryland			
16. EDUCATION (Degree and Specialization) 2013, BS, Mechanical Engineering, University of Maryland		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) 2018, PE, MD, No. 43951		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)				

As a Mechanical Engineer, Mr. Jun prepares mechanical design, contract drawings, and specifications as well as provides construction services, project management, supervision, and client coordination. Mr. Jun's technical experience includes water source heat pumps, geothermal heat pumps, chiller/boiler plants, DX packaged equipment, rooftop units, split systems, central water heating systems, domestic booster pumps, and fire pumps.

19. RELEVANT PROJECTS		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Columbia Association, Supreme Sports Club Center Condition Assessment, Howard County, MD	PROFESSIONAL SERVICES 5/2018-8/2018	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		project performed with current firm

Mechanical Engineer • Mechanical evaluation of the building's MEP systems serving the 80,000 SF two-story structure. Performed a non-invasive, visual, site survey to document the existing conditions, referencing existing MEP drawings of the building. A description of the major MEP system components, rooftop equipment, air handling units, water heaters, electrical service and distribution gear, and control systems including make, model, capacity and general age was provided. \$9,900 Fee

(1) TITLE AND LOCATION (City and State) Hawthorne Center Restroom Alterations.	(2) YEAR COMPLETED						
Howard County, MD.	7/2018	CONSTRUCTION (If applicable) 9/2018					

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Mechanical Engineer • MEP engineering services for a limited renovation of the main Mens and Womens restrooms near the reception area of the facility. Performed a non-invasive, visual, site survey to document exiting conditions, performed load calculations for HVAC requirements, designed MEP systems to serve area, assisted in the preparation of contract and permit documents. Scope items included new air devices, sprinkler heads, receptacles/covers and light switches, new lubming fixtures, lighting utilizing existing fixtures, ADA-compliant switches, new heaters, and associated power circutis. \$4,500 Fee

(1)	TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED						
	hirfax County A/E Basic Ordering Agreement (BOA), ully Community Center,Chantilly, VA.		CONSTRUCTION (If applicable) 11/2014-11/2015					

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Mechanical Engineer • Engineering HVAC and plumbing design of the 29,000 SF building situated on five acres. Space within the community center includes a gymnasium, exercise room, game room, computer room, multi-purpose space, classroom, art room, storage, commercial kitchen, and various administrative offices. Design included load calculations for HVAC requirements, HVAC control sequences, energy modeling, code required fire alarm device locations, exit and emergency lighting, \$30,861 Fee

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(1) TITLE AND LOCATION (City and State)	(2) YEAR C	OMPLETED
Anne Arundel County, Prince Frederick Volunteer Fire Station, Anne Arundel County, MD.	THO ECOION E CENTICE	CONSTRUCTION (If applicable) 9/2019-12/2020
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		project performed with current firm

Mechanical Engineer • Demolition of the 1960 Fire Department Structure and new construction of a twostory building including apparatus bays, gear room, storage, bunk rooms, offices, training rooms, restrooms, lounge, and residential/catering kitchen areas. Provided Facility Investigations and Value Engineering Alternatives. \$6M Construction Cost

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.) 12. NAME 13. ROLE IN THIS CONTRACT 14. YEARS OF EXPERIENCE a. TOTAL b. WITH CURRENT FIRM Scott M. Menegatti, Senior Electrical Engineer 27 20 PE, LEED AP® 15. FIRM NAME AND LOCATION (City and State) Century Engineering, LLC - Hunt Valley, Maryland 16. EDUCATION (Degree and Specialization) 17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) 2006, PE, MD No. 33735 1992, BS, Electrical Engineering Virginia Polytechnic Institute and State University 2006, PE, PA No. PE073646 2004, LEED® Accredited Professional

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Scott Menegatti, a Senior Electrical Engineer, provides collaborative design solutions for a variety of facilities. Mr. Menegatti applies his knowledge of low and medium voltage power distributions systems related to indoor and outdoor lighting, fire alarm and security systems, and federal SCIF spaces. Mr. Menegatti has worked in conjunction with multiple disciplines to produce a cohesive design, striving to meet the needs of the Owner and related stakeholders. Mr. Menegatti's facility experience includes lifecare and multifamily housing, federal and local government buildings, and corporate office design and renovations..

19. RELEVANT PROJECTS (2) YEAR COMPLETED Anne Arundel County, Millersville Landfill and Resource PROFESSIONAL SERVICES CONSTRUCTION (If applicable) Recovery Facility (MLFRRF) Maintenance Building Renovation, 10/2021 Ongoing

(LEED AP®)

Anne Arundel County, MD. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

(1) TITLE AND LOCATION (City and State)

□ Check if project performed with current firm

Senior Electrical Engineer • Providing an evaluation for the feasibility of renovating the maintenance building to ca code compliant facility, to be used by the County for heavy equipment and vehicle maintenance. Assessed the electrical systems to provide recommendations on deficiencies and provide recommendations to bring to code. Evaluating floor plan revisions, HVAC system upgrades or replacement, current conditions and recommendations for equipment, existing lighting for building uses (internal and external), and recommendations for motion sensors for energy efficiency. \$9,600 Fee

(1) TITLE AND LOCATION (City and State) Anne Arundel County, Infrastructure Study of Facilities, Anne Arundel County, MD.

(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2018 N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Senior Electrical Engineer • Performed a building equipment assessment study of Anne Arundel County facilities to review the mechanical system, lighting, electrical service gear, fire alarm, site lighting and emergency power. The buildings included fire stations, police stations, courthouses, office buildings, library offices, the health department, maintenance facilities and animal control. We observed the existing equipment and provided an evaluation on the condition of the equipment and the anticipated life expectancy for the county to prioritize equipment replacements in the future as well as look for any code violations related to equipment. The study also Indicated any acquired information about the existing equipment from in house maintenance staff. \$42,300 Fee

(1) TITLE AND LOCATION (City and State) Anne Arundel County, Security Vestibule Upgrades, Riva Road

(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) and Arundel Center Office Buildings, Anne Arundel County, MD. 2017 2018

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Senior Electrical Engineer • Provided engineering services for two building vestibule upgrades: 1) Arundel Center, involves an expansion of the lobby into the existing outdoor patio area. Coordinating power to the new equipment, providing new lighting and connecting new HVAC equipment; 2) Riva Road Site includes the expansion and modification of the four different buildings on the site. The expansions accommodate new security equipment and a security desk including power and lighting coordination and design. \$27,900 Fee

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME

13. ROLE IN THIS CONTRACT

14. YEARS OF EXPERIENCE

William B. Rockey, PE, LEED AP®

Structural Engineer

14. YEARS OF EXPERIENCE

a. TOTAL
38

21

15. FIRM NAME AND LOCATION (City and State)

Century Engineering, LLC. - Hunt Valley, Maryland

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)					
BS, 1982, Civil Engineering, Geneva College	1994, PE, Maryland Registered No. 19809					
	2009 LEED Accredited Professional® (LEED AP®)					

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Rockey's experience as a Senior Structural Engineer includes project management of multiple contracts and design of various types of building structures for a wide range of clients. His diverse structural engineering background consists of new construction, renovations, additions, alterations and adaptive re-use of existing facilities. Many of these projects include underpinning, bracing, sheeting and shoring, engineering consultation and forensic investigation. Additionally, Mr. Rockey is approved by the State of Maryland as an emergency response structural engineer in the event of a disaster.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)

Rockville City Hall Entrance Repair Structural Condition Report,
City of Rockville, MD.

(2) YEAR COMPLETED

PROFESSIONAL SERVICES
2021

CONSTRUCTION (If applicable)
N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Senior Structural Engineer • Visual site assessment and report on the possible causes and solutions for the cracking and movement of the City Hall pedestrian ramp retaining wall. \$3,500 Fee

(1) TITLE AND LOCATION (City and State)

B&O Railroad Museum South Car Shop Floor Investigation, Baltimore, MD.

(2) YEAR COMPLETED

PROFESSIONAL SERVICES CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Senior Structural Engineer • Investigation of a1870's era, historic facility encompassed 39,800 SF in one story with a partial basement. The Owner was considering two options to re-purpose this facility. The first option was to use the building for storage of artifacts and supplies. The second option was to re-purpose this space for museum exhibits. The investigation was focused on evaluating the first floor of the South Car Shop to assist the Owner to determine potential uses. Conducted the field and office work and prepared the investigation report. \$19,000 Fee

(1) TITLE AND LOCATION (City and State)

Sheppard Pratt Maintenance Building Retaining Wall Replacement, Towson, MD.

(2) YEAR COMPLETED

PROFESSIONAL SERVICES 8/2017-12/2017

9/2017 – 2/2018rs

CONSTRUCTION (If applicable) 5/2018-9/2018

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Senior Structural Engineer • Design of a new reinforced concrete cantilevered retaining wall to replace a failed stone retaining wall at the Maintenance Building. The wall was 450 feet long and varied from two to ten feet in height. The retaining wall had deteriorated and was in a state of active failure, requiring replacement. The project also included replacement of two steel and concrete framed walkways that connected the second level of the building to the adjacent access road. Structural services included client interface, internal project coordination, budget oversight and design of the new concrete cantilevered retaining wall and paving section. \$1.3M Construction Cost.

(1) TITLE AND LOCATION (City and State)

St. Paul's School – Price Building Feasibility Study and Phase 1 Renovation, Baltimore, MD.

(2) YEAR COMPLETED

PROFESSIONAL SERVICES CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

4/2018 - 9/2018

Senior Structural Engineer • Structural evaluation for the re-purposing of a 7,400 SF maintenance facility into classrooms for the St. Paul's School Campus. The Owner wished to re-purpose the Price Building to create additional classroom space while the new Upper School was demolished and replaced. Mr. Rockey conducted the field investigation work, prepared the structural design, and oversaw production of plans and specifications. Coordination with the civil engineer was necessary to accommodate new site grades and an elevated walkway. Construction phase services included review of shop drawings and submittals, site visits to resolve field problems and correspondence. \$300,000 Fee

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME

Gary W. Swift, PE

13. ROLE IN THIS CONTRACT

Structural Engineer

14. YEARS OF EXPERIENCE

a. TOTAL
15

b. WITH CURRENT FIRM
14

14

15. FIRM NAME AND LOCATION (City and State)

Century Engineering, LLC - Hunt Valley, Maryland

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
BS, 1982 Civil Engineering,	1982 PE, MD, #32548
University of Maryland - College Park	2011 PE, MA, #53958

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Swift's experience as a structural engineer includes the design and construction phases of a variety of structures. As a structural engineer, Mr. Swift's assists in the layout and design of structural components, as well as design team coordination, development and review of contract documents, client correspondence, shop drawing review, site visits, and additional construction period services.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)

Montgomery College Structural On-Call Contract, Performing Arts Center Site Improvements, Rockville, MD. (2) YEAR COMPLETED

PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2013

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Structural Engineer • Performing Arts Center Site Improvements, Rockville, MD. Structural Project Manager responsible for improving the appearance and accessibility of existing pedestrian area at the front entrance of the Performing Arts Center. This area is used as an outdoor lunch or gathering space for students. New architecturally exposed concrete site retaining walls, ramps, sidewalks, stairs, site lighting and landscaping areas were constructed to improve the appearance and the ADA Accessibility of the space. Demolition and removal of existing paving and other site features was required. Part of the challenge of this project was finding ways to make this area more appealing without making drastic changes to the grading or to the existing building. \$11,600 Fee

(1) TITLE AND LOCATION (City and State)

Harford County Agricultural Center, Harford County, MD.

(2) YEAR COMPLETED

PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
4/2016-5/2017

5/2017-12/2017

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Structural Engineer • Design for the reconstruction of the historic Joesting-Gorsuch House, renovation of an existing commercial furniture sales/warehouse to office space for government agencies and associated amenities. Responsibilities included the foundation design for the reconstructed historic house and the prefabricated storage building. The foundation design of the historic house required coordination with the builder who reconstructed the historic structure. Use of the existing materials to reconstruct the historic house was the primary goal. \$1.8M Construction Cost

(1) TITLE AND LOCATION (City and State)

Easter Seals Adult Day Care Roof Framing Analysis, Baltimore County, MD.

PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 5/2014

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Structural Engineer • Performed an analysis of the existing roof framing at the newly renovated, 40,000 SF Easter Seals Adult Day Care Building. New roof top HVAC equipment was needed as part of this renovation to upgrade the antiquated heating and cooling systems. Services included project management, structural engineering, preparation of details and certification letter. \$20,000 Construction Cost

(1) TITLE AND LOCATION (City and State)

Lazarus United Church of Christ, Lineboro, MD

(2) YEAR COMPLETED

PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
6/2019

N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Project Manager • Responsible for the engineering evaluation of the existing church. The building was constructed one year earlier than our investigation. Century's role was to observe and evaluate specific construction related issues. Building envelope leaks, plywood sheathing exposed to moisture, humidity issues, lighting issues.

\$21,900 Fee

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)

13. ROLE IN THIS CONTRACT 14. YEARS OF EXPERIENCE 12 NAME a. TOTAL b. WITH CURRENT FIRM Senior Geotechnical Tristam E. Madden, PE, PG 24 1 Engineer 15. FIRM NAME AND LOCATION (City and State) Century Engineering, Inc. - Hunt Valley, Maryland 16. EDUCATION (Degree and Specialization) 17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Ongoing, Doctoral Studies, Civil Engineering, 2002, PE, MD, No. 27195 University of Maryland 1999, PE, VA, No. 0402032607 2004, PG, VA, No. 2801001580 1995, MS, Civil Engineering, University of Maryland

1992, BS, Civil Engineering, University of Maryland

1989, BS, Geology, Rensselaer Polytechnic Institute

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

County Parks and Recreation Board.

Mr. Madden prepared or assisted in preparation of dozens of proposals for hazardous waste, environmental, water resources, and geotechnical engineering services for numerous potential clients. Prepared consultants qualifications package for the Delaware Division of Air and Waste Management Site Remediation and Restoration Branch. Prepared a qualifications package for environmental services for the United States General Services Administration. Prepared and presented qualifications for a groundwater study to Fauquier

19. RELEVANT PROJECTS						
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED					
St. Paul's School Triangular Parking Lot Addition, Brooklandville, MD.	PROFESSIONAL SERVICES 2019-Ongoing	CONSTRUCTION (If applicable) Ongoing				

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Senior Geotechnical Engineer • Performed geotechnical engineering soil investigative services for the design of the stormwater management facilities for the parking lot addition. The triangular parking lot is located NW of the existing maintenance building and east of the existing athletic fields. Assisted with preparing the earthwork analysis guiding the grading study and site plan to accommodate a cohesive traffic flow on campus. \$100,000 Fee

(1) TITLE AND LOCATION (City and State)

Town View SWM Rehabilitation and ADA Compliant Trail,

Carroll County, MD.

(2) YEAR COMPLETED

PROFESSIONAL SERVICES 2018-2019

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

□ Check if project performed with current firm

Senior Geotechnical Engineer • Design Scope included rehabilitation of a non-functional SWM facility and new ADA compliant "rails-to-trails" trail/promenade along with design of retaining walls and elevated promenade/boardwalk. Work included regrading of the embankment, improved maintenance access and restoration of the earlier breach. \$400,000 Construction Cost

(1) TITLE AND LOCATION (City and State)

Maryland Zoo in Baltimore Parking Improvements and Expansion, Baltimore, MD.

(2) YEAR COMPLETED

PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
9/2020-Ongoing

Ongoing

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Check if project performed with current firm

Senior Geotechnical Engineer • Geotechnical support for parking lots, open area, park appurtenances, and entrance sidewalk, car charging stations, roadway improvement, and covered parking with solar panels. Scope includes design of a creative and environmentally sensitive parking lot expansion, Provided drilling and lab testing of materials associated with the parking layout and pavement capacity. \$47,200 Fee

(1) TITLE AND LOCATION (City and State)

Hampstead North Sewerage Pumping Station

(2) YEAR COMPLETED

PROFESSIONAL SERVICES CONSTRUCTION (If applicable)

 Upgrade/Full Expansion, Hampstead, MD.
 8/2018-Ongoing
 Ongoing

 (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 ☑ Check if project performed

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Senior Geotechnical Engineer • Design support for the upgrade and expansion of the station to increase capacity and replace aging equipment. Secondary tasks: improve safety by removing the wet well from the building interior; provide needed storage space for maintenance equipment and supplies; and enhancements such as fencing, lighting and asphalt paving. \$116,635 Fee

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

21. TITLE AND LOCATION (City and State)

City of Laurel On-Call Engineering Services
Laurel, MD

22. YEAR COMPLETED

PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
2020-Ongoing Ongoing

Eddroi, iiib	2020-Origonig	Origonia				
	ORMATION					
a. PROJECT OWNER City of Laurel, Dept. of the Fire Marshal and Permit Services	b. POINT OF CONTACT NAME Stephen E. Allen, Sr.	c. POINT OF CONTACT TELEF 301.725.5300	PHONE NUMBER			

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

Century Engineering, LLC, A Kleinfelder Company (Century) is currently working on this on-call contract that covers any engineering needs that may arise for the City of Laurel. Services included under this contract are new construction, additions, planning, studies, construction documents, construction administration, surveys, annexation, historic district compliance, wetland/environmental, and more. To date, Century has performed 11 specific projects, with tasks ranging from existing hiker-biker trail emergency repairs due to a major washout, sidewalk and roadway improvements, hiker-biker trail bridge replacement design, drainage and other trail system repairs, surveying, existing building HVAC assessment study for replacement units, a city-wide traffic study, and plan/permit review services. Deliverables have included reports, recommendations, design plans, construction documents, and construction oversight. Tasks to date have included the following:

- + Existing Hiker-Biker Trail Emergency Repairs: Included base repairs at the trail segment location, due to soil erosion at the river's bank; drainage repairs at the trail segment location, by addressing adjacent surface conditions; drainage repairs at the trail segment location, by repairing and/or adding pipes beneath the existing trail for positive drainage; complete removal and replacement of trail, at the trail segment location, due to subgrade failure and/or pavement deterioration/failure. Services included design through construction. \$24.5K
- + Riverfront Park Pedestrian Bridge Replacements: Included removal and replacement, in their existing locations, of two existing pedestrian bridges. Each bridge area was upgraded and/or designed to allow for a small emergency vehicle to be able to cross over each location. Services included design through construction. \$78.6K
- + Granville Gude Park Lighting Replacement Design: Included removal and replacement of existing lighting along the lakeside paths and infrastructure components supporting the City's wi-fi network. Services included design through construction. \$30K
- + City-Wide Traffic Study: This project was composed of two different activities. Part I was an assessment of parking on public streets, and Part II was an evaluation of safety and speeding issues at various locations within the city. Additional studies might include items such as intersection turning movement count (TMC) data collection, traffic signal operations, sight distance evaluations, nighttime surveys, and intersection characteristic reviews based on configurations or special circumstances. \$190.2K
- HVAC Equipment Replacement Recommendations: Included developing a performance specification for the replacement of existing equipment, with the exception that some equipment was converted to natural gas. \$29.5K
- Plan Review Services: Conducted phased plan reviews at various site locations throughout the city. This includes peer reviews of plans submitted by architecture, structural engineering, MEP engineering, and civil engineering firms; performing code research; reviewing construction documents; and issuing final reports and sketches, as necessary, of findings and recommendations. Fee: Hourly

	25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT										
a.	(1) FIRM NAME Century Engineering, LLC, A Kleinfelder Company	(2) FIRM LOCATION (City and State) Hunt Valley, MD	(3) ROLE Prime - Civil/Site Engineering								

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

#

21. TITLE AND LOCATION (City and State)
Aberdeen Proving Ground
Aberdeen, MD

22. YEAR COMPLETED									
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)							
	See Below	See Below							

23. PROJECT OWNER'S INFORMATION										
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER								
Department of Defense	Tilt-up Construction, Inc.	410.787.0340								
Department of the Army	General Contractor									
APG Directorate of	Ms. Cassandra Phillips									
Public Works	cphillips@tiltupinc.com									

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

Century Engineering, LLC, A Kleinfelder Company (Century) collaborated with architects and general contractors to complete a variety of projects focusing on land uses introducing civil engineering, environmental, and easement elements to produce effective solutions for the Aberdeen Proving Ground (APG) Campus. Century under the FY 17 Facility Reduction Program, designed enhanced pedestrian ramps, perimeter fencing security features, and demolished aged and underutilized facilities. The Team's designs provides site improvements that better align with APG's current needs.

3326 Building ADA Access, MWR Recreational Center

Century provided land surveying, civil and structural engineering, along with permitting services. A new ADA Accessible ramp/route leading from the facility parking lot to the MWR recreational facility paralleling the existing stairway at Building 3226 was designed and constructed. The design incorporated a number of ramps and landings enclosed within the associated retaining walls and railings. The retaining walls also enclosed several landscape planter structures and were designed to be poured in place Portland cement, requiring a detailed structural design. Landscape plantings were also included in the design of the planter boxes.

It was the desire of the owner that the project not require the acquisition of permits from the Maryland Department of the Environment for either stormwater management or erosion and sediment control. Accordingly, Century designed the new structure to disturb less than 5,000 square-feet of surface area and resulted in the excavation or deposition of less than 100 cubic yards of material.

Century conducted a topographic survey of the site to complete the preparation of the Final Grading Site Improvement Plan with an associated Erosion and Sediment Control Plan for contractor use. Restriping of the parking lot was required, and the confirmed gradings helped ensure the ADA accessible parking lot was located closest to the walkway and complied with ADA guidelines.

Client Contact: Mr. Andrew Reider, Frazier Engineering, Inc., 443.484.2376 (o), 301.922.0864 (m), areider@fraziereng.com;

Design: 5/2017-11/2017 Construction: 5/2018-7/2018

Costs: \$31,824 Fee; \$263,000 Century Portion of Construction

Building and Museum Demolition 17-102

Century provided civil engineering services for the demolition of a number of WW2 era structures and the associated removal of approximately 100 concrete vehicle pads at the recently decommissioned U.S. Army Ordnance Museum, formerly located at Aberdeen Proving Ground.

This civil engineering effort consisted of the preparation of an Erosion and Sediment Control Plan to cover the demolition work for both areas and the submittal of those plans to the Maryland Department of the Environment (MDE) for approval. Along with the Erosion and Sediment Control Plans a stormwater management (SWM) analysis package was prepared and submitted to the MDE to document that State and Federal SWM requirements were being met through the reduction in impervious area. Approval for this facet was also garnered from MDE.

Client Contact: Ms. Cassandra Phillips, Tilt-Up Construction,

410.787.0350, cphillips@tiltupinc.com

Design: 6/2019

Costs: \$38,000 Fee, \$353,000 Cost

Edgewood Demolition 17-103

Century provided both civil and structural engineering services for the demolition of a number of existing WW2 era buildings at the Edgewood Arsenal area of Aberdeen Proving Ground. Structural engineering services consisted of an existing condition survey of buildings to determine possible complications that may be encountered during demolition. A formal written report, documenting conditions and recommended burdens, was prepared and provided to the client. The civil engineering component consisted of preparation of an Erosion and Sediment Control Plan, in relation to demolition work, and plan submittals to the Maryland Department of the Environment (MDE) for approval. Along with the Erosion and Sediment Control Plans a stormwater management (SWM) analysis package was prepared and submitted to MDE to document State and Federal SWM requirements were being met through the reduction in impervious area. Approval for this facet was also garnered from MDE.

Client Contact: Ms. Cassandra Phillips, Tilt-Up Construction,

410.787.0350, cphillips@tiltupinc.com

Design: 9/2018

Costs: \$12,500 Fee, \$115,00 Cost Perimeter Fencing at Bldg E1454

Century provided civil, survey, structural and electrical engineering services for the replacement of approximately 1,000 linear feet of chain link fence with razor wire and mow strip around Site E1454. Civil services consisted of design and construction documents including Ste Plan, progress meetings and construction administration services. Survey services consisted of performing field run topographic survey of the site and preparation of base plans to be used for design services. Structural services consisted of foundation design construction plans, specifications and construction administration services. Electrical Services consisted of fence grounding design, construction plans, specifications and construction administration services.

Client Contact: Mr. Andrew Reider, Frazier Engineering, Inc., 443.484.2376 (o), 301.922.0864 (m), areider@fraziereng.com;

Design: 1/2019

Construction: 3/2019

Costs: \$300,000 Construction

	25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT										
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE								
a.	Century Engineering, LLC, A Kleinfelder Company (Century)	Hunt Valley, MD	Civil, Structural, and Electrical Engineering, and Land Surveying								

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

#XX

21. TITLE AND LOCATION (City and State)

Anne Arundel County Facilities Infrastructure Study Anne Arundel County, MD

22. YEAR COMPLETED
PROFESSIONAL SERVICES CONSTRUC

CONSTRUCTION (If applicable)

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a. PROJECT OWNER
Anne Arundel County, Maryland
Client - Bignell, Watkins, Hasser
Architects

b. POINT OF CONTACT NAME Robert Fernandez, PE c. POINT OF CONTACT TELEPHONE NUMBER PWFern83@aacounty.org

410.222.7620

12/2017-11/2018

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

Century Engineering, LLC, A Kleinfelder Company (Century) provided the mechanical, electrical, and plumbing engineering services for an infrastructure study of 27 buildings in Anne Arundel County, Maryland. The study's purpose was to determine the adequacy of current and future infrastructure needs and general locations of required improvements with prioritization based on level of deterioration.

The facilities involved included:

- + County Court House
- + Arundel Center
- + Emergency Operations Center
- + Heritage Office building
- + Police department headquarters
- + Three police stations
- + Animal Control facility
- + Fire Department headquarters
- + Fire training school
- + Nine fire stations

- + Garage complex
- + Health Department building
- Library headquarters

The Emergency Operations building was built in 1986 and encompasses 250,132 gross square feet over five stories. It is a converted movie theatre/parking garage. Repairs were indicated for HVAC, building electrical and service distribution, fire suppression, special electrical systems and emergency power, and replacement of rooftop units.

The Heritage Complex is comprised of four four-story buildings totaling 60,000 gross square feet. The buildings had many code issues and poor HVAC distribution. As part of the final report, Century recommended repairs or changes to: emergency egress lighting, ventilation, air conditioning, plumbing, building electrical systems and emergency power, fire safety systems, and packaged rooftop units.

The Arundel Center was built in 1965 and encompasses 119,250 gross square feet over five-stories. Suggested repairs were provided in prioritized order and included emergency egress lighting, fire safety system, fire suppression, and ADA considerations.

Many other recommendations were made in the final report to the County, including areas such as masonry work, fall protection, overhead doors, rooftop ladders, interior finishes, and waterproofing.

Fee: \$42,300







25. FIRMS FROM SECTION C INVOLVED WITH THIS PRO	JECT
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(1) FIRM NAME (2) FIRM LOCATION (City and State) (3) ROLE

Century Engineering, LLC,A Kleinfelder Company (Century)

Hunt Valley, MD

Subconsultant - Mechanical, Electrical, and Plumbing Engineering

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

#

21. TITLE AND LOCATION (City and State)

Columbia Association Athletic Club Columbia, MD

22. YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUC

7/2016-4/2018

CONSTRUCTION (If applicable) 4/2017-3/2019

23. PROJ	ECT OWN	ER'S INFO	DRMATION
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a. PROJECT OWNER

Columbia Association

b. POINT OF CONTACT NAME

C. POINT OF CONTACT TELEPHONE NUMBER

410.381.0591

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

Century Engineering, LLC, A Kleinfelder Company (Century) is provided engineering services for the renovation of this 33,700 square-foot Community Athletic and Fitness club. This multiphase project modernized the athletic center with an open ceiling concept.

The renovation was scheduled to be performed in two phases, with a three-week window, within Phase I, when the center was shut down. Close coordination of the design and phasing was provided to accomplish the limited three-week shutdown. Century staff was made available for on-site review of work, within two hours' notice to help keep the project moving during the limited shutdown.



The renovation addresses:

- + Make-up air deficiencies by increasing the amount of outside air to the building
- + Coordination of plumbing connections within the existing mains within the building
- + Design of power branch circuits, within the facility, utilizing existing panelboards
- Design of lighting system
- + Addresses humidity issues by providing active dehumidification controls to the building
- + Addition and renovation to the main entry lobby, circulation, locker room, sauna and whirlpool area with new lighting, fire alarm, power, and low voltage systems

\$107,575 Fee

	25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE		
a.	Century Engineering, LLC, A Kleinfelder Company (Century)	Hunt Valley, MD	Prime - Mechanical, Electrical, and Plumbing Engineering		



City of Glenarden - Rate Schedule

FORM OF PROPOSAL

Date: 5/30/2022

To Whom It May Concern:

We hereby submit our Proposal Documents for "ARCHITECTURAL / ENGINEERING (A/E) TEAM PROFESSIONAL SERVICES" as indicated in the Proposal Documents.

Having carefully examined the Proposal Documents and having received clarification on all items of conflict or upon which any doubt arose, the undersigned hereby requests consideration of our Vendor for award of the referenced Contract.

Hourly Billing Rates are inclusive and shall include overhead and profit. Expenses will be negotiated for each specific task order on a task-by-task basis.

CONSULTANT KEY TEAM MEMBER HOURLY BILLING			
Key Team Members	Hourly Rate		
Structural Engineering Services			
Principal Engineer	\$198.00/HR		
Chief Engineer	\$160.00/HR		
Senior Engineer Specialist	\$170.00/HR		
Senior Engineer	\$145.00/HR		
Engineer III	\$135.00/HR		
Engineer II	\$115.00/HR		
Engineer I	\$ 95.00/HR		
Designer II	\$ 95.00/HR		
Designer I	\$ 85.00/HR		
Geotechnical Engineering Services			
Senior Geotechnical Engineer	\$180.00/HR		
Staff Geologist/Engineer	\$150.00/HR		
Junior Geologist/Engineer	\$ 90.00/HR		



RATES

City of Glenarden - Rate Schedule

Site/Civil Engineering & Landscape Architectural S	ervices
Vice President	\$200.00/HR
Principal Engineer	\$185.00/HR
Associate	\$155.00/HR
Senior Project Manager/ Project Engineer	\$145.00/HR
Senior Engineer/ Project Manager/ Project Engineer	\$130.00/HR
Engineer II	\$124.00/HR
Engineer I	\$110.00/HR
Project Designer	\$ 95.00/HR
Principal Landscape Architect	\$150.00/HR
Senior Landscape Architect	\$110.00/HR
Landscape Architect	\$ 95.00/HR
Landscape Designer	\$ 85.00/HR
Process Specialist	\$ 125.00/HR
Administrative/Clerical	\$ 64.00/HR
MEP Engineering Services	
Division Manager or Officer	\$215.00/HR
Chief Engineer	\$190.00/HR
Senior Engineer	\$165.00/HR
Engineer III/Senior Designer	\$155.00/HR
Engineer II	\$130.00/HR
Engineer I/Construction Administration	\$120.00/HR
Designer II	\$105.00/HR
Designer I	\$ 95.00/HR
Drafter	\$ 85.00/HR
Administrative Assistant II	\$ 85.00/HR
Administrative Assistant I	\$ 75.00/HR



RATES

City of Glenarden - Rate Schedule

Provide additional sheets as necessary for expenses such as travel, etc.

- 1. **Printing Reports, Maps, Plans:** Printing of standard items related to a task are included in Overhead. If a task requires bulk printing, an outside vendor and costs will be submitted for City approval and billed at cost. CENTURY ENGINEERING, LLC
- 2. Mileage: IRS Rate (currently \$0.585/Mile) current rate as of January 1, 2022

Kent Hoffman, PE, Vice President, Facilities Engineering Manager
Printed Name
<u>Signature</u>
Name of Company
Century Engineering, LLC
<u>Address</u>
10710 Gilroy Road
City, State, Zip
Hunt Valley, MD 21031



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Architectural/Engineering (A/E) Professional Services

The City of Glenarden, Maryland is scelling proposals from qualified and experienced Architectural and Engineering firms for the purpose of obtaining a qualified team for Professional Services, Proposal documents for RFP 2022-01 may be obtained from the City of Glenarden City Manager's Office, 8600 Glenarden Parkway, Glenarden, Maryland 20706, by calling 301-773-2100, during normal business hours, or via our website, www.cityofglenarden.org

141928

(5-12)

CITY OF GLENARDEN ATTENTION JORDAN MCCLUNG JAMES R COU SINS JR MUNICIPAL CENTER 8600 GLENARDEN PARKWAY GLENARDEN MD 20706

301 773 2100 x 713

INVOICE

(301) 627-0900

(301) 627-6260 Fax

0141928

DATE

5/12/22

CERTIFICATE OF PUBLICATION

THIS IS TO CERTIFY that the annexed legal advertisement has been published in THE PRINCE GEORGE'S POST for the number of insertions indicated in the invoice below.

Legal Advertising Manager

- INVOICE -

DESCRIPTION

TOTAL AMOUNT

NOTICE
RFP -- ARCHITEC TURAL/
ENGINEERING PROFESSIONAL
SERVICES

\$80.00

Date or dates of publication

5/12/22

THIS IS AN INVOICE — PAYMENT DUE IMMEDIATELY

NOTICE: If receipted bill is required for verification of payment, return duplicate with remittance. Duplicate certification of publication has been mailed to the Register of Wills, Upper Marlboro, Md., if Notice to Creditors is involved.

PLEASE SHOW INVOICE NUMBER ON REMITTANCE